

WAE

control

Feed Weight Recording Form

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Tank 11

DURING DOSING DIET Bag # <u>C-1</u>	Original amount to feed (g)	Initial weight of bag (g)	Amount removed from bag (g) ²	Final weight of bag (g) ¹	Date weighed/ Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
Initial weight ---	Areas		Intentionally			Shaded			
Feed wt - day 0	^{lbs} 2.10	^{kg} 954.5	21972.5	955.0	21222.0				
Feed wt - day 1	2.20	999.59	21211.0	999.9	20211.0				
Feed wt - day 2	2.25	1022.6	19118.5	1022.7	18095.5				
Feed wt - day 3	2.30	1045.4	16981.5	1045.4	15936.2				
Feed wt - day 4	2.40	1090.8	13595.2	1091.1	12504.0				
Feed wt - day 5	2.45	1113.5	12501.4	1114.3	11387.4				
Feed wt - day 6	2.55	1158.9	10158.4	1158.9	8999.2				
Feed wt - day 7	2.65	1204.4	1986.9	1021.6 g	965.2 ②				
Feed wt - day 8	2.70	1227.2	10184.4	1226.5	8957.6				
Feed wt - day 9	2.80	1272.6	9221.8	1271.8	7949.4				
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded								

FFC

'Amount removed from bag' is the amount fed. No adjustments were made for mortalities. This is true for all Tanks of WAE. 31JAN12 SUS

Above weighed on Balance, S/N 14006043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

- ① Wrote incorrectly, correct mass is 999.9g 15JUL11 ARC
- ② Pail empty / ^{965.2} 10261.8 full pail / 21JUL11 SUS
- 1204.8g feed weighed out on 21JUL11 SUS

Item No. _____

WAE

Control

Feed Weight Recording Form

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Tank 16

DURING DOSING DIET Bag # <u>C1</u>	Original amount to feed (g)	Initial weight of bag (g) ¹	Amount removed from bag (g) ²	Final weight of bag (g) ¹	Date weighed/ Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
Initial weight ---	Areas		Intentionally			Shaded			
Feed wt - day 0	<u>16</u> <u>2.3</u>	<u>1068.1</u>	<u>23058.0</u>	<u>1070.6</u>	<u>21972.5</u>	<u>14 JUL 11</u> <u>SUS</u>			
Feed wt - day 1	<u>2.40</u>	<u>1090.8</u>	<u>20211.0</u>	<u>1090.8</u>	<u>19119.0</u> <u>19119.0</u>	<u>15 JUL 11</u> <u>ARC</u>			
Feed wt - day 2	<u>2.45</u>	<u>1113.5</u>	<u>18095.5</u>	<u>1113.5</u>	<u>16981.5</u>	<u>16 JUL 11</u> <u>ARC</u>			
Feed wt - day 3	<u>2.55</u>	<u>1159.0</u>	<u>15926.0</u>	<u>1159.0</u>	<u>14776.8</u>	<u>17 JUL 11</u> <u>ARC</u>			
Feed wt - day 4	<u>2.60</u>	<u>1181.7</u>	<u>14977.8</u>	<u>1182.0</u>	<u>13595.2</u>	<u>18 JUL 11</u> <u>SUS</u>			
Feed wt - day 5	<u>2.70</u>	<u>1227.2</u>	<u>11387.4</u>	<u>1227.6</u>	<u>10172.8</u>	<u>19 JUL 11</u> <u>SUS</u>			
Feed wt - day 6	<u>2.80</u>	<u>1272.6</u>	<u>8949.2</u>	<u>1272.9</u>	<u>7726.2</u>	<u>20 JUL 11</u> <u>ARC</u>			
Feed wt - day 7	<u>2.85</u>	<u>1295.3</u>	<u>7224.3</u>	<u>1295.8</u>	<u>5928.5</u>	<u>21 JUL 11</u> <u>SUS</u>			
Feed wt - day 8	<u>2.95</u>	<u>1340.8</u>	<u>6182.6</u>	<u>1339.2</u>	<u>4843.0</u>	<u>22 JUL 11</u> <u>SUS</u>			
Feed wt - day 9	<u>3.05</u>	<u>1386.2</u>	<u>6933.8</u>	<u>1385.8</u>	<u>5549.2</u>	<u>23 JUL 11</u> <u>SUS</u>			
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded								

Above weighed on Balance, S/N 14006043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

- ① Wrote incorrectly, correct mass is 19119.0 g 15 JUL 11 ARC
- ② Weighed \bar{c} scoop. Actual wt = 10159.8 g 19 JUL 11 SUS

TM-200

WAE

OTC

Feed Weight Recording Form

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Tank 14

RE wrote tank # 14 JUL 11 SWS

TM200-#1

TM200-1

TM200-7

TM200-1

TM200-1

TM-1 (bucket)

TM2 (bucket)

TM-2

TM-2

TM-3

DURING DOSING DIET	Original amount to feed (g)	Initial weight of bag (g) ¹	Amount removed from bag (g) ²	Final weight of bag (g) ¹	Date weighed/Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
NA Bag # <u>14</u>									
Initial weight ---	Areas		Intentionally			Shaded			
Feed wt - day 0	16 2.4	9 1090.8	86561.5	1092.8	25469.5				
Feed wt - day 1	2.45	1113.5	18237.0	1113.6	17123.0				
Feed wt - day 2	2.55	1159.0	13648.4	1159.1	12489.0				
Feed wt - day 3	2.65	1204.4	8882.0	1204.3	7679.9				
Feed wt - day 4	2.70	1227.2	7652.5	1227.0	6571.3				
Feed wt - day 5	2.80	1272.6	2992.7	1272.9	1719.6				
Feed wt - day 6	2.90	1318.1	6867.5	1318.4	5549.3				
Feed wt - day 7	② 2.95	1340.8	921.5 419.2	418.9 ②	8565.0				
Feed wt - day 8	3.05	1386.2	8955.4	1386.8	7568.7				
Feed wt - day 9	3.15	1431.7	9796.4	1431.3	8365.2				
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded								

Above weighed on Balance, S/N 14006043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

① around 250 g leaked from seams during transfer 18 JUL 11 SWS

② Had to transfer more TM-2 feed to bucket 8984.4 g (bucket ± feed) - 419.2 (removed) - 8565.0
1340.7 g total feed weighed out ② a bucket wt ± feed wt, ± final wt not recorded 21 JUL 11 SWS

bucket = ~~1340.7~~ = 921.5 g (feed) - 418.9 (bucket)
± feed incorrect! 21 JUL 11 SWS

WAE

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Feed Weight Recording Form

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Tank 15

DURING DOSING DIET Bag #	Original amount to feed (g)	Initial weight of bag (g) ¹	Amount removed from bag (g) ²	Final weight of bag (g) ¹	Date weighed/ Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
Initial weight ---	Areas		Intentionally			Shaded			
TM200-#1 Feed wt - day 0	16 2.25	9 1068.1	25469.4	1071.2	24399.0				
TM200-1 Feed wt - day 1	2.45	1113.5	19351.0	1113.5	18237.0				
TM200-1 Feed wt - day 2	2.50	1136.3	14785.4	1136.3	13648.4				
TM200-1 Feed wt - day 3	2.60	1181.7	10066.8	1181.6	8885.0				
TM200-1 Feed wt - day 4	2.70	1227.2	6371.3	1227.0	5144.4				
TM200-1 TM2-2 Feed wt - day 5	2.75	1250.0	1719.6	1023.3 227.2 ①	493.4				
TM2(bucket) Feed wt - day 6	2.85	1295.3	5549.3	1295.2	4254.0				
TM-2 Feed wt - day 7	2.95	1340.8	8565.0	1340.6	7224.3				
TM-2 Feed wt - day 8	3.05	1386.2	7568.7	1386.2	6182.5				
TM-3 Feed wt - day 9	3.15	1431.7	8365.4	1431.6	6933.8				
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded								

Above weighed on Balance, S/N 14006043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

① 1023.3 (TM-1 bucket) + 227.2 (TM-2 bucket) = 1250.5 g
 Bucket wt = 963.2; removed 227.2; bucket wt = 9436.0

WAE

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Tank 19

DURING DOSING DIET Bag #	Original amount to feed (g)	Initial weight of bag (g)	Amount removed from bag (g) ²	Final weight of bag(g) ¹	Date weighed/ Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
Initial weight ---	Areas		Intentionally			Shaded			
TM200-#1 Feed wt - day 0	16.3	9.4	24399.0	1245.4	23354.0				
TM200-1 Feed wt - day 1	2.40	1090.8	21626.5	1096.9	20534.0				
TM200-1 Feed wt - day 2	2.45	1113.5	17103.5	1113.5	15989.8				
TM200-1 Feed wt - day 3	2.55	1159.0	12478.2	1159.0	11318.6				
TM200-1 Feed wt - day 4	2.60	1181.7	544.5	1182.3	3960.9				
TM-2 Feed wt - day 5	2.70	1227.2	9436.0	1227.2	8208.6				
TM2(bucket) Feed wt - day 6	2.80	1272.6	4254.0	1272.6	2987.4				
TM-2 Feed wt - day 7	2.90	1318.1	5928.5	1318.3	4610.3				
TM-2 Feed wt - day 8	2.95	1340.8	4843.0	1339.2	3503.9				
TM-3 Feed wt - day 9	3.05	1386.2	5548.2	1387.2	4161.4				
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded								

Above weighed on Balance, S/N 14006043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

WAE

OTC

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Tank 20

DURING DOSING DIET Bag #	Original amount to feed (g)		Initial weight of bag (g)	Amount removed from bag (g) ²	Final weight of bag (g) ¹	Date weighed/ Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
Initial weight ---	Areas			Intentionally			Shaded			
TM200#1 Feed wt - day 0	16 2.5	9 1136.3	23354.0	1136.5	22218.0	14 JUL 11 SUS				
TM200-1 Feed wt - day 1	2.60	1181.7	20534.0	1181.8	19351.0	15 JUL 11 ARC				
TM200-1 Feed wt - day 2	2.65	1204.4	15989.8	1204.5	14785.4	16 JUL 11 ARC				
TM200-1 Feed wt - day 3	2.75	1250.0	11318.6	1250.1	10066.8	17 JUL 11 ARC				
TM200-1 Feed wt - day 4	2.85	1295.3	3960.9	1295.6	2661.0	18 JUL 11 SUS				
TM-2 Feed wt - day 5	2.95	1340.8	8208.6	1341.0	6867.9	19 JUL 11 SUS				
TM2(bucket) Feed wt - day 6	3.00	1363.5	2981.4	1363.4	1617.9	20 JUL 11 ARC				
TM-2 Feed wt - day 7	3.10	1409.0	4610.3	1408.9	3201.6	21 JUL 11 SUS				
TM-2 Feed wt - day 8	3.20	1454.4	3503.9	1454.0	2049.7	22 JUL 11 SUS				
TM-3 Feed wt - day 9	3.30	1500.0	4161.4	1499.2	2661.9	23 JUL 11 SUS				
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded									

Above weighed on Balance, S/N 14006043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

WAE

FFC

Feed Weight Recording Form

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Tank 12

NA

FFC #1
FFC #1
FFC 1
FFC 1
FFC 1
FFC-1 (banded)
FFC-2 (banded)
FFC-2
FFC-2
FFC-3

DURING DOSING DIET Bag # <u>FFC #1</u>	Original amount to feed (g)		Initial weight of bag (g) ¹	Amount removed from bag (g) ²	Final weight of bag (g) ¹	Date weighed/ Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
Initial weight ---	Areas			Intentionally			Shaded			
Feed wt - day 0	16 2.55	9 1153.0	26533.5	1158.4	25374.5	14 JUL 11 8MS				
Feed wt - day 1	2.65	1204.4	21565.0	1204.3	20361.5	15 JUL 11 ARC				
Feed wt - day 2	2.75	1249.9	17017.0	1249.9	15767.6	16 JUL 11 ARC				
Feed wt - day 3	2.80	1272.6	12317.0	1272.7	11043.6	17 JUL 11 ARC				
Feed wt - day 4	2.90	1318.1	7454.1 ^①	1318.6	6178.5	18 JUL 11 8MS 18 JUL 11				
Feed wt - day 5	3.00	1363.5	2880.1	1363.5	1516.7	19 JUL 11 8MS 19 JUL 11				
Feed wt - day 6	3.10	1409.0	7259.0	1409.1	5850.0	20 JUL 11 ARC				
Feed wt - day 7	3.20	1454.4	10078.6	1454.8	8623.4	21 JUL 11 8MS				
Feed wt - day 8	3.30	1499.9	8957.6	1498.5	7459.3	22 JUL 11 8MS				
Feed wt - day 9	3.40	1545.3	7949.4	1545.1	6404.4	23 JUL 11 8MS				
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded									

Above weighed on Balance, S/N 14066043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

- ① Bag leaning against paper towel dispenser (Wt = 7499.0 g) 18 JUL 11 8MS
- ② Bag seam in bag bottom loosened, some feed loss to floor 18 JUL 11 8MS

WAE

FFC

Feed Weight Recording Form

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Tank 13

DURING DOSING DIET Bag #	Original amount to feed (g)	Initial weight of bag (g)	Amount removed from bag (g) ²	Final weight of bag (g) ¹	Date weighed/ Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
Initial weight ---	Areas		Intentionally			Shaded			
Feed wt - day 0	^{lb} 2.55	^g 1158.0	25374.5	1158.2	24217.0			14 JUL 11	SMS
Feed wt - day 1	2.65	1204.4	20361.5	1204.4	19156.5			15 JUL 11	ARC
Feed wt - day 2	2.70	1227.2	15764.6	1227.1	14534.8			16 JUL 11	ARC
Feed wt - day 3	2.80	1272.6	11043.6	1272.5	9771.2			17 JUL 11	ARC
Feed wt - day 4	2.90	1318.1	6178.5	1318.2	4858.6			18 JUL 11	SMS
Feed wt - day 5	2.95	1340.8	1516.7	819.6	697.1			19 JUL 11	SMS
Feed wt - day 6	3.05	1386.2	5850.0	1386.1	4463.8			20 JUL 11	ARC
Feed wt - day 7	3.15	1431.7	8623.4	1432.3	7191.0			21 JUL 11	SMS
Feed wt - day 8	3.25	1477.1	7459.3	1476.1	5983.0			22 JUL 11	SMS
Feed wt - day 9	3.35	1522.6	6404.6	1522.0	4882.0			23 JUL 11	SMS
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded								

Above weighed on Balance, S/N 14066043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

① 819.6 g from FFC-1; Bucket wt = 10168.2 g; removed 522.2 g; Bucket wt = 9646.0 g
 so 819.6 (FFC-1) + 522.2 (FFC-2) = 1341.8 g for 20 JUL 11 feed weighed on 19 JUL 11 SMS

WAE

FFC

Feed Weight Recording Form

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Tank 17

DURING DOSING DIET Bag #	Original amount to feed (g)		Initial weight of bag (g) ¹	Amount removed from bag (g) ²	Final weight of bag (g) ¹	Date weighed/ Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
Initial weight - - -	Areas			Intentionally			Shaded			
Feed wt - day 0	16 2.35	9 1068.1	2427.0	1068.4	23143.6	14 JUL 11 SWS				
Feed wt - day 1	2.40	1090.8	19156.5	1090.8	18064.5	15 JUL 11 ARC				
Feed wt - day 2	2.50	1136.3	14534.8	1136.4	13397.4	16 JUL 11 ARC				
Feed wt - day 3	2.55	1159.0	9771.0	1159.0	8610.6	17 JUL 11 ARC				
Feed wt - day 4	2.65	1204.4	4858.6	1204.3	3652.7	18 JUL 11 SWS				
Feed wt - day 5	2.70	1227.2	9646.2	1227.2	8418.4	19 JUL 11 SWS				
Feed wt - day 6	2.80	1272.6	4463.8	1272.7	3191.2	20 JUL 11 ARC				
Feed wt - day 7	2.90	1318.1	2191.0 1432.0	1317.9	5873.1	21 JUL 11 SWS				
Feed wt - day 8	3.00	1363.5	5983.0	1362.6	4620.2	22 JUL 11 SWS				
Feed wt - day 9	3.10	1409.0	4982.0	1409.0	3472.9	23 JUL 11 SWS				
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded									

FFC #1

FFC1

FFC1

FFC1

FFC #1

FFC-2 (bucket)

FFC2 (bucket)

FFC-2

FFC-2

FFC-3

Above weighed on Balance, S/N 14006043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

① wrote wrong at down 21 JUL 11 SWS

WAE

FFC

Feed Weight Recording Form

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File folder: 86

Proofed: SIJANIZ SNS

Reviewed: CHU ISMARIS

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Tank 18

DURING DOSING DIET Bag #	Original amount to feed (g)	Initial weight of bag (g)	Amount removed from bag (g) ²	Final weight of bag(g) ¹	Date weighed/ Initials	Weight adj due to mortalities (g)	Actual amount fed (g)	Date	Initials
Initial weight ---	Areas		Intentionally			Shaded			
FFC #1 Feed wt - day 0	16 2.20	9 1000	23143.0	1001.5	22142.5				
FFC1 Feed wt - day 1	2.25	1022.6	18064.5	1022.6	17040.5				
FFC1 Feed wt - day 2	2.35	1068.1	13397.4	1068.2	12328.6				
FFC1 Feed wt - day 3	2.40	1090.8	8610.6	1090.7	7519.0				
FFC1 Feed wt - day 4	2.50	1136.3	3652.7	1136.5	2506.8				
FFC-2 (bucket) Feed wt - day 5	2.55	1159.0	8418.4	1159.4	7259.3				
FFC2 (bucket) Feed wt - day 6	2.65	1204.4	3191.2	1204.3	1986.8				
FFC-2 Feed wt - day 7	2.70	1227.2	5873.0	1227.6	4645.0				
FFC-2 Feed wt - day 8	2.80	1272.6	4620.3	1271.8	3348.3				
FFC-3 Feed wt - day 9	2.90	1318.1	10540.0	1318.1	9221.8				
Final weight of bag (confirmed by Study Monitor and UMESC QA)	Areas Intentionally shaded								

Above weighed on Balance, S/N 14006043

¹ weight of feed plus bag (container) weight ² weight of feed to be offered to fish in test tank

① Bag seams allowing feed to escape. Taped up 18JUL11 SNS

② ~25g swept from cupboard top + balance when done weighing, plus more on floor. 18JUL11 SNS

AEH-09-MAS-02

BILL TO	Susan Schleis
	Umesc
	2630 Fanta Reed Road
	La Crosse, WI 54603

SHIP TO	FF# <u>7</u>
	Item # <u> </u>
	Pg <u>1</u> of <u>1</u>

Customer No.	Sales I.D.	Reference #	Media Code	Terms			
18594	OL /OLS		I /OLS	*PACKING SLIP ONLY*			
Ordered By		Warehouse	Phone Number	Total Wt.	Zone	# Packages	Ship Via
		085011	(608) 781-6304	0.0 Lbs	0	1	R16

Message: 877-732-3276

Qty.	B/O	Shipped	Item #	Description	Unit Price	Disc.	Extension
2	0	2	OTO-EP1	Otohime EP-1 - 10 kg bag			
				<p>RCVD</p> <p>8 JUN 12</p> <p>SMS</p>			

PACKED COURTESY OF HECTOR

Initial weight <u>10361.09</u>	Purpose <u>FFC feed</u>	Initial <u>SMS</u>
Amount removed <u>3008.5</u>		Date <u>9JUN12</u>
Final weight <u>7364.7</u>		

Initial weight <u>7364.7</u>	Purpose <u>OTC feed</u>	Initial <u>SMS</u>
Amount removed <u>3000.6</u>		Date <u>9JUN12</u>
Final weight <u>4360.9</u>		

Initial weight <u>4967.3</u>	Purpose <u>12JUN12CONTA</u>	Initial <u>SMS</u>
Amount removed <u>2011.1</u>		Date <u>12JUN12</u>
Final weight <u>2467.5 2352.8</u>		

Initial weight <u>2467.5 2352.8</u>	Purpose <u>12JUN12 CONTR</u>	Initial <u>SMS</u>
Amount removed <u>2000.2</u>		Date <u>12JUN12</u>
Final weight <u>357.5</u>		

left scoop in bag 12JUN12 SMS

Initial weight <u>357.5</u>	Purpose <u>CONT 1 of 1</u>	Initial <u>SMS</u>
Amount removed <u>205.5</u>		Date <u>12JUN12</u>
Final weight <u>150.3</u>	<u>empty bag</u>	

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

FF# 7
Item # _____
Pg _____ of _____

Initial weight <u>10463.8</u>	Purpose <u>Clean mixer</u>	Initial <u>SMS</u>
Amount removed <u>1545.8</u>		Date <u>9JUN12</u>
Final weight <u>8913.8</u>		

Initial weight <u>8913.8</u>	Purpose <u>Clean mixer</u>	Initial <u>SMS</u>
Amount removed <u>1487.5</u>		Date <u>9JUN12</u>
Final weight <u>7424.4</u>		

Initial weight <u>7428.2</u>	Purpose <u>CONT 2 of 5</u>	Initial <u>SMS</u>
Amount removed <u>1432.5</u>		Date <u>12JUN12</u>
Final weight <u>5994.5</u>		

Initial weight <u>5994.5</u>	Purpose <u>CONT 3 of 5</u>	Initial <u>SMS</u>
Amount removed <u>1513.8</u>		Date <u>12JUN12</u>
Final weight <u>4478.4</u>		

Initial weight <u>4478.4</u>	Purpose <u>CONT 4 of 5</u>	Initial <u>SMS</u>
Amount removed <u>1763.9 correct</u>		Date <u>12JUN12</u>
Final weight <u>2713.8</u>	<u>SMS 12JUN12</u>	

Initial weight <u>2713.8</u>	Purpose <u>CONT 5 of 5</u>	Initial <u>SMS</u>
Amount removed <u>1743.3</u>		Date <u>12JUN12</u>
Final weight <u>940.0</u>		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

Initial weight _____	Purpose _____	Initial _____
Amount removed _____		Date _____
Final weight _____		

FF# 7
Item # _____
Pg _____ of _____

Appendix 3. Aquaflor[®]-medicated feed preparation data sheet

1. Fish information:	Total number of fish	<u>390</u> fish	Date/Initials <u>9 JUN 12 SMS</u>
	x average fish mass	x <u>0.0014</u> kg/fish	
	= Fish mass	= <u>0.55</u> kg	
2. Aquaflor [®] -medicated feed required day	Fish mass	<u>0.55</u> kg	Date/Initials <u>9 JUN 12 SMS</u>
	x feed rate (to be determined, TBD)	x <u>7</u> %	
	=required daily medicated feed (kg)	= <u>0.04</u> kg	
3. Target feed FFC concentration	Dose (mg FFC/kg BW)	15 mg/kg	Date/Initials <u>9 JUN 12 SMS</u>
	÷ feed rate (TBD)	÷ <u>7</u> % BW	
	= Target feed FFC concentration	<u>214.3</u> = mg/kg	
4. Amount of Aquaflor [®] premix required:	Feed mass to be prepared (~20 kg)	<u>3</u> kg	Date/Initials <u>9 JUN 12 SMS</u>
	x target feed FFC concentration	<u>214.3</u> x mg/kg	
	x 1 g / 1000 mg	x 1 g / 1000 mg	
	x 2 (Aquaflor [®] premix is 50% FFC)	x 2	
	= mass of Aquaflor [®] premix required	= <u>1.3</u> g Aquaflor	
5. Amount of fish oil required:	Mass medicated feed prepared	<u>3000.5</u> g	Date/Initials <u>57.6</u> <u>SMS</u>
	x oil rate (0.5-2% w/w)	x <u>0.5-2</u> % w/w	
	Total oil required	<u>15-60</u> g	
6. Ingredient masses	Ingredient	Mass (g)	Date/Initials
	Fish feed (balance <u>S/N 30303922</u>)	<u>3000.5</u>	<u>9 JUN 12 SMS</u>
	Aquaflor [®] premix (balance <u>S/N 12907582</u>)	<u>1.30</u>	<u>9 JUN 12 SMS</u>
	Fish oil (balance <u>S/N 30303922</u>)	<u>57.6</u>	<u>9 JUN 12 SMS</u>
7. Feed preparation	Feed preparation step	Complete (Y/N)	Date/Initials
	Mixer cleaned	Y	<u>MFW</u>
	Mixer flushed with control feed	Y	<u>MFW</u>
	Control diet added to mixer (time: <u>11:58</u>)	Y	<u>9 JUN 12 SMS</u>
	Aquaflor [®] premix added to mixer while running (start time: <u>11:59</u> / end time: <u>11:59</u>)	Y	<u>9 JUN 12 SMS</u>
	Feed and premix mixed for 1 min (start time: <u>11:59</u> / end time: <u>12:01</u>)	Y	<u>9 JUN 12 SMS</u>
	Fish oil sprayed on feed while mixing (start time: <u>12:01</u> / end time: <u>12:03</u>)	Y	<u>9 JUN 12 SMS</u>
	Oiled feed mixed for 1-2 min (start time: <u>12:03</u> / end time: <u>12:06</u>)	Y	<u>9 JUN 12 SMS</u>
	Feed removed from mixer and samples collected	<u>no Y, but samples</u>	<u>9 JUN 12 SMS</u>

.02 lb / 6.55 fish
 ↓
 9.07 / 6.6 ~ 7/1
 ↓
 1.4 g / fish
 11:58

MAS-02
 FF# 7
 Item # _____
 Pg _____ of _____

Appendix 3. Terramycin 200 For Fish® medicated feed preparation data sheet

1. Fish information:	Total number of fish	<u>390</u> fish	Date/Initials
	x average fish mass	x <u>0.0014</u> kg/fish	
	= Fish mass	= <u>0.55</u> kg	<u>9 JUN 12 / SMS</u>
2. Terramycin 200 For Fish® medicated feed required day	Fish mass	<u>0.55</u> kg	Date/Initials
	x feed rate to be determined (TBD)	x <u>7%</u> BW	
	= required daily medicated feed (kg)	= <u>0.04</u> kg	<u>9 JUN 12 / SMS</u>
3. Target feed OTC concentration	Dose (mg FFC/kg BW)	82.5 mg/kg	Date/Initials
	+ feed rate (TBD)	+ <u>7%</u> BW	
	= Target feed OTC concentration	<u>1178.6</u> = mg/kg	<u>9 JUN 12 / SMS</u>
4. Amount of Terramycin 200 For Fish® premix required: LOT No. <u>N10110124XF</u>	Feed mass to be prepared (~20 kg)	<u>3</u> kg	Date/Initials
	x target feed OTC concentration	<u>1178.6</u> x mg/kg	
	x 1 g / 1000 mg	x 1 g / 1000 mg	
	/ 0.44 (Terramycin 200 For Fish® premix is 44% OTC)	/ 0.44	<u>8.1 g</u>
	= mass of Terramycin 200 For Fish® premix required	= <u>8.0</u> g OTC	<u>9 JUN 12 / SMS</u>
5. Amount of fish oil required:	Mass medicated feed prepared	<u>3000.6</u> g	Date/Initials
	x oil rate (0.5-2% w/w)	x <u>.5-2</u> % w/w	<u>58.3</u> <u>60.0</u> wrote down and to not go over <u>84.5</u> <u>9 JUN 12</u>
	Total oil required	<u>15.60</u> g	<u>9 JUN 12 / SMS</u>
6. Ingredient masses	Ingredient	Mass (g)	Date/Initials
	Fish feed (balance <u>S/N 30303922</u>)	3000.6	<u>9 JUN 12 / SMS</u>
	Terramycin 200 For Fish® premix (balance <u>S/N 30303922</u>)	8.0	<u>9 JUN 12 / SMS</u>
	Fish oil (balance <u>S/N 30303922</u>)	58.3	<u>9 JUN 12 / SMS</u>
7. Feed preparation	Feed preparation step	Complete (Y/N)	Date/Initials
	Mixer cleaned	Y	<u>M PW</u>
	Mixer flushed with control feed	Y	<u>M PW</u>
	Control diet added to mixer (time: <u>12:10</u>)	Y	<u>9 JUN 12 / SMS</u>
	Terramycin 200 For Fish® premix added to mixer while running (start time: <u>12:12</u> / end time: <u>12:12</u>)	Y	<u>9 JUN 12 / SMS</u>
	Feed and premix mixed for 1 min (start time: <u>12:12</u> / end time: <u>12:13</u>)	Y	<u>9 JUN 12 / SMS</u>
	Fish oil sprayed on feed while mixing (start time: <u>12:13</u> / end time: <u>12:15</u>)	Y	<u>9 JUN 12 / SMS</u>
	Oiled feed mixed for 1-2 min (start time: <u>12:15</u> / end time: <u>12:19</u>)	Y	<u>9 JUN 12 / SMS</u>
	Feed removed from mixer and samples collected	Y, ^{ms} sampling	<u>9 JUN 12 / SMS</u>

Comments: _____

AEH-09-MAS-02

Calculated on 25 JUN 12 by SES

Printed on: 25 JUN 12

Trial 2

Daily feed weight calculation worksheet

Feed for Day 0

Date: 25 JUN 12

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed	Treatment assignment	Weights from 30 fish selected for disease verification	
A1	55	4.0	220	15.4	15.40	FFC	2.6	4.4
A2	55	4.0	220	15.4	15.40	OTC	4.6	4.2
A3	55	4.0	220	15.4	15.40	FFC	4.2	4.2
A4	55	4.0	220	15.4	15.40	C	3.4	5.0
A5	55	4.0	220	15.4	15.40	OTC	5.4	4.3
A6	55	4.0	220	15.4	15.40	C	4.3	4.3
A7	55	4.0	220	15.4	15.40	OTC	3.6	3.6
A8	55	4.0	220	15.4	15.40	C	5.8	3.7
A9	55	4.0	220	15.4	15.40	FFC	4.2	3.9
							3.4	3.8
B1	55	4.0	220	15.4	15.40	C	4.2	4.6
B2	55	4.0	220	15.4	15.40	C	2.8	3.1
B3	55	4.0	220	15.4	15.40	OTC	4.1	4.9
B4	55	4.0	220	15.4	15.40	C	3.0	3.8
B5	55	4.0	220	15.4	15.40	FFC	3.9	3.5
B6	55	4.0	220	15.4	15.40	OTC	4.6	5.1
B7	55	4.0	220	15.4	15.40	OTC	3.9	2.7
B8	55	4.0	220	15.4	15.40	FFC	SUM	137.1
B9	55	4.0	220	15.4	15.40	FFC	MEAN	4.0

mean

Transcribe feed amount from "At 7% feed rate" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

~~File Folder~~

Item No. _____

Pg ___ of ___

~~Item No.~~
upside down 9 MAR 15
87K

Feed Weight Recording Form

AEH-09-MAS-02

Calculated on 26 JUN 12 by Susan M Schlein

Printed on: 26 JUN 12

Trial 2

Daily feed weight calculation worksheet

Feed for Day 1

Date: 26 JUN 12

0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 5% feed rate (g) to feed	Amount to feed	
F A1	53	4.11	217.83	10.9 <u>15.2</u>	10.89	C
O A2	45	4.11	184.95	9.2 <u>12.9</u>	9.25	FFC
F A3	32	4.11	131.52	6.6 <u>9.2</u>	6.58	FFC
C A4	58	4.11	238.38	11.9 <u>16.7</u>	11.92	C
O A5	53	4.11	217.83	10.9 <u>15.2</u>	10.89	TM
C A6	52	4.11	213.72	10.7 <u>15.0</u>	10.69	C
O A7	53	4.11	217.83	10.9 <u>15.2</u>	10.89	TM
C A8	53	4.11	217.83	10.9 <u>15.2</u>	10.89	TM
F A9	46	4.11	189.06	9.5 <u>13.2</u>	9.45	FFC
C B1	54	4.11	221.94	11.1 <u>15.5</u>	11.10	C
C B2	47	4.11	193.17	9.7 <u>13.5</u>	9.66	TM
B B3	53	4.11	217.83	10.9 <u>15.2</u>	10.89	FFC
C B4	53	4.11	217.83	10.9 <u>15.2</u>	10.89	TM
F B5	53	4.11	217.83	10.9 <u>15.2</u>	10.89	C
O B6	48	4.11	197.28	9.9 <u>13.8</u>	9.86	C
O B7	53	4.11	217.83	10.9 <u>15.2</u>	10.89	TM
F B8	54	4.11	221.94	11.1 <u>15.5</u>	11.10	FFC
F B9	53	4.11	217.83	10.9 <u>15.2</u>	10.89	FFC

↑ increased feeding rate, used calculator 26 JUN 12 SMS

wrong assignments 26 JUN 12 SMS

File Folder _____

Pg ____ of ____

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the

Printed on 26 JUN 12 11:05 am
after corrections SMS

AEH-09-MAS-02

Calculated on 25 JUN 12 by JMS

Printed on: 26 JUN 12

*Clean copy
after feed rate
corrected*

Trial 2

Daily feed weight calculation worksheet

Feed for Day 1

Date: 26 JUN 12

0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed	Treatment assignemnt
A1	53	4.11	217.83	15.2	15.25	FFC
A2	45	4.11	184.95	12.9	12.95	OTC
A3	32	4.11	131.52	9.2	9.21	FFC
A4	58	4.11	238.38	16.7	16.69	C
A5	53	4.11	217.83	15.2	15.25	OTC
A6	52	4.11	213.72	15.0	14.96	C
A7	53	4.11	217.83	15.2	15.25	OTC
A8	53	4.11	217.83	15.2	15.25	C
A9	46	4.11	189.06	13.2	13.23	FFC
B1	54	4.11	221.94	15.5	15.54	C
B2	47	4.11	193.17	13.5	13.52	C
B3	53	4.11	217.83	15.2	15.25	OTC
B4	53	4.11	217.83	15.2	15.25	C
B5	53	4.11	217.83	15.2	15.25	FFC
B6	48	4.11	197.28	13.8	13.81	OTC
B7	53	4.11	217.83	15.2	15.25	OTC
B8	54	4.11	221.94	15.5	15.54	FFC
B9	53	4.11	217.83	15.2	15.25	FFC

File Folder _____

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the

Feed Weight Recording Form

AEH-09-MAS-02

Calculated on 27 JUN 12 by SUS

Printed on: 27 JUN 12

Trial 2

Daily feed weight calculation worksheet

Feed for Day 2

Date: 26 JUN 12 ^{27 wrong date} 27 JUN 12 SUS

0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed	Treatment assignemnt
A1	51	4.22	215.22	15.1	15.07	FFC
A2	34	4.22	143.48	10.0	10.04	OTC
A3	25	4.22	105.5	7.4	7.39	FFC
A4	55	4.22	232.1	16.2	16.25	C
A5	51	4.22	215.22	15.1	15.07	OTC
A6	51	4.22	215.22	15.1	15.07	C
A7	52	4.22	219.44	15.4	15.36	OTC
A8	53	4.22	223.66	15.7	15.66	C
A9	42	4.22	177.24	12.4	12.41	FFC
B1	54	4.22	227.88	16.0	15.95	C
B2	43	4.22	181.46	12.7	12.70	C
B3	53	4.22	223.66	15.7	15.66	OTC
B4	53	4.22	223.66	15.7	15.66	C
B5	53	4.22	223.66	15.7	15.66	FFC
B6	45	4.22	189.9	13.3	13.29	OTC
B7	53	4.22	223.66	15.7	15.66	OTC
B8	54	4.22	227.88	16.0	15.95	FFC
B9	53	4.22	223.66	15.7	15.66	FFC

File Folder _____

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the

Pg ____ of ____

Feed Weight Recording Form

AEH-09-MAS-02

Calculated on 28 JUN 12 by JYS

Printed on: 28 JUN 12

Trial 2

Daily feed weight calculation worksheet

Feed for Day 3

Date: 28 JUN 12

0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed	Treatment assignemnt
A1	51	4.33	220.83	15.5	15.46	FFC
A2	31	4.33	134.23	9.4	9.40	OTC
A3	22	4.33	95.26	6.7	6.67	FFC
A4	48	4.33	207.84	14.5	14.55	C
A5	45	4.33	194.85	13.6	13.64	OTC
A6	50	4.33	216.5	15.2	15.16	C
A7	52	4.33	225.16	15.8	15.76	OTC
A8	53	4.33	229.49	16.1	16.06	C
A9	42	4.33	181.86	12.7	12.73	FFC
B1	54	4.33	233.82	16.4	16.37	C
B2	42	4.33	181.86	12.7	12.73	C
B3	53	4.33	229.49	16.1	16.06	OTC
B4	51	4.33	220.83	15.5	15.46	C
B5	53	4.33	229.49	16.1	16.06	FFC
B6	43	4.33	186.19	13.0	13.03	OTC
B7	53	4.33	229.49	16.1	16.06	OTC
B8	54	4.33	233.82	16.4	16.37	FFC
B9	53	4.33	229.49	16.1	16.06	FFC

File Folder _____

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

Pg ____ of ____

AEH-09-MAS-02

Calculated on 29 JUN 12 by Sus

Printed on: 29 JUN 12

Trial 2

Daily feed weight calculation worksheet

Feed for Day 4

Date: 29 JUN 12

0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed	Treatment assignemnt
A1	50	4.44	222.00	15.5	15.54	FFC
A2	31	4.44	137.64	9.6	9.63	OTC
A3	20	4.44	88.80	6.2	6.22	FFC
A4	43	4.44	190.92	13.4	13.36	C
A5	39	4.44	173.16	12.1	12.12	OTC
A6	50	4.44	222.00	15.5	15.54	C
A7	49	4.44	217.56	15.2	15.23	OTC
A8	52	4.44	230.88	16.2	16.16	C
A9	39	4.44	173.16	12.1	12.12	FFC
B1	53	4.44	235.32	16.5	16.47	C
B2	41	4.44	182.04	12.7	12.74	C
B3	53	4.44	235.32	16.5	16.47	OTC
B4	49	4.44	217.56	15.2	15.23	C
B5	53	4.44	235.32	16.5	16.47	FFC
B6	40	4.44	177.60	12.4	12.43	OTC
B7	53	4.44	235.32	16.5	16.47	OTC
B8	53	4.44	235.32	16.5	16.47	FFC
B9	53	4.44	235.32	16.5	16.47	FFC

File Folder _____

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

Pg ___ of ___

Feed Weight Recording Form

AEH-09-MAS-02

Calculated on 30 JUN 12 by SJS

Printed on: 30 JUN 12

Trial 2

Daily feed weight calculation worksheet

Feed for Day 5

Date: 30 JUN 12

0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed	Treatment assignemnt
A1	49	4.55	222.95	15.6	15.61	FFC
A2	30	4.55	136.50	9.6	9.56	OTC
A3	20	4.55	91.00	6.4	6.37	FFC
A4	43	4.55	195.65	13.7	13.70	C
A5	36	4.55	163.80	11.5	11.47	OTC
A6	50	4.55	227.50	15.9	15.93	C
A7	48	4.55	218.40	15.3	15.29	OTC
A8	52	4.55	236.60	16.6	16.56	C
A9	39	4.55	177.45	12.4	12.42	FFC
B1	52	4.55	236.60	16.6	16.56	C
B2	41	4.55	186.55	13.1	13.06	C
B3	53	4.55	241.15	16.9	16.88	OTC
B4	49	4.55	222.95	15.6	15.61	C
B5	53	4.55	241.15	16.9	16.88	FFC
B6	40	4.55	182.00	12.7	12.74	OTC
B7	53	4.55	241.15	16.9	16.88	OTC
B8	53	4.55	241.15	16.9	16.88	FFC
B9	53	4.55	241.15	16.9	16.88	FFC

File Folder _____

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

Pg ____ of ____

Feed Weight Recording Form

AEH-09-MAS-02

Calculated on 1 Jul 12 by SMS

Printed on: 1 Jul 12

Trial 2

Daily feed weight calculation worksheet

Feed for Day 6

Date: 1 Jul 12

0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed	Treatment assignemnt
A1	46	4.66	214.36	15.0	15.01	FFC
A2	29	4.66	135.14	9.5	9.46	OTC
A3	20	4.66	93.20	6.5	6.52	FFC
A4	43	4.66	200.38	14.0	14.03	C
A5	35	4.66	163.10	11.4	11.42	OTC
A6	50	4.66	233.00	16.3	16.31	C
A7	44	4.66	205.04	14.4	14.35	OTC
A8	52	4.66	242.32	17.0	16.96	C
A9	38	4.66	177.08	12.4	12.40	FFC
B1	51	4.66	237.66	16.6	16.64	C
B2	41	4.66	191.06	13.4	13.37	C
B3	53	4.66	246.98	17.3	17.29	OTC
B4	49	4.66	228.34	16.0	15.98	C
B5	52	4.66	242.32	17.0	16.96	FFC
B6	40	4.66	186.40	13.0	13.05	OTC
B7	53	4.66	246.98	17.3	17.29	OTC
B8	53	4.66	246.98	17.3	17.29	FFC
B9	53	4.66	246.98	17.3	17.29	FFC

File Folder _____

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

Pg 1 of 1

Feed Weight Recording Form

AEH-09-MAS-02 Calculated on 2 JUL 12 by SNS Printed on: 2 JUL 12

Trial 2

Daily feed weight calculation worksheet

Feed for Day 7

Date: 2 JUL 12

0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed	Treatment assignment
A1	45	4.77	214.65	15.0	15.03	FFC
A2	29	4.77	138.33	9.7	9.68	OTC
A3	20	4.77	95.40	6.7	6.68	FFC
A4	42	4.77	200.34	14.0	14.02	C
A5	35	4.77	166.95	11.7	11.69	OTC
A6	49	4.77	233.73	16.4	16.36	C
A7	44	4.77	209.88	14.7	14.69	OTC
A8	52	4.77	248.04	17.4	17.36	C
A9	38	4.77	181.26	12.7	12.69	FFC
B1	51	4.77	243.27	17.0	17.03	C
B2	41	4.77	195.57	13.7	13.69	C
B3	52	4.77	248.04	17.4	17.36	OTC
B4	49	4.77	233.73	16.4	16.36	C
B5	51	4.77	243.27	17.0	17.03	FFC
B6	40	4.77	190.80	13.4	13.36	OTC
B7	53	4.77	252.81	17.7	17.70	OTC
B8	52	4.77	248.04	17.4	17.36	FFC
B9	53	4.77	252.81	17.7	17.70	FFC

File Folder _____

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

Pg ____ of ____

Feed Weight Recording Form

AEH-09-MAS-02 Calculated on 4th of Jul 2012 by SMS

Printed on: 4 JUL 12

Trial 2

Daily feed weight calculation worksheet

Feed for Day 9

Date: 4 JUL 12

0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed	Treatment assignemnt
A1	42	4.99	209.58	14.7	14.67	FFC
A2	29	4.99	144.71	10.1	10.13	OTC
A3	20	4.99	99.80	7.0	6.99	FFC
A4	41	4.99	204.59	14.3	14.32	C
A5	34	4.99	169.66	11.9	11.88	OTC
A6	48	4.99	239.52	16.8	16.77	C
A7	43	4.99	214.57	15.0	15.02	OTC
A8	52	4.99	259.48	18.2	18.16	C
A9	38	4.99	189.62	13.3	13.27	FFC
B1	48	4.99	239.52	16.8	16.77	C
B2	41	4.99	204.59	14.3	14.32	C
B3	52	4.99	259.48	18.2	18.16	OTC
B4	49	4.99	244.51	17.1	17.12	C
B5	48	4.99	239.52	16.8	16.77	FFC
B6	39	4.99	194.61	13.6	13.62	OTC
B7	53	4.99	264.47	18.5	18.51	OTC
B8	50	4.99	249.50	17.5	17.47	FFC
B9	52	4.99	259.48	18.2	18.16	FFC

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

File Folder _____

Pg ____ of ____

Item No. _____

Feed Weight Recording Form - post-dosing *wrong name 9 MAR 15 SUS*

AEH-09-MAS-02

Calculated on 5 JUL 12 by SUS

Trial 2

→ Daily feed weight calculation worksheet

Feed for Day 10

Date: 5 JUL 12

→ correct name 9 MAR 15 SUS
0.11 g gain added to mean wt per day

Tank	# of fish	mean wt (g)	Est biomass (g)	At 7% feed rate (g) to feed	Amount to feed
A1	42	5.10	214.20	15.0	14.99
A2	29	5.10	147.90	10.4	10.35
A3	20	5.10	102.00	7.1	7.14
A4	41	5.10	209.10	14.6	14.64
A5	34	5.10	173.40	12.1	12.14
A6	48	5.10	244.80	17.1	17.14
A7	43	5.10	219.30	15.4	15.35
A8	52	5.10	265.20	18.6	18.56
A9	38	5.10	193.80	13.6	13.57
B1	33	5.10	168.30	11.8	11.78
B2	41	5.10	209.10	14.6	14.64
B3	52	5.10	265.20	18.6	18.56
B4	49	5.10	249.90	17.5	17.49
B5	48	5.10	244.80	17.1	17.14
B6	39	5.10	198.90	13.9	13.92
B7	51	5.10	260.10	18.2	18.21
B8	50	5.10	255.00	17.9	17.85
B9	52	5.10	265.20	18.6	18.56

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

The 7 pgs in this packet contain calculation worksheets that were to be used to determine the 'Amount to feed' each tank of fish during the post-dosing period. The computer used for this pg went back to the lab with the senior technician on 5 JUL 12. Pgs 2-7 were to be completed each day by the tech who remained at the hatchery, based on the a.m. mortality counts. It appears he did the calculation but recorded it directly on the Feed weight recording form - post-dosing. When it was discovered, the tech no longer worked here so a summary was prepared, which did the calculation, and compared it to his original calculations. See "feed calculations post dosing" worksheet summary for results. No further proofing was done on this packet. 9 MAR 15 SUS

Item No. _____

FF# 12
Item # _____
Pg 1 of 7

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on

7/6/12 by mpw

Trial 2

Daily feed weight calculation worksheet

0.11 g gain added to mean wt per day

Feed for Day _____

Date: _____

Initial: _____

mean wt from previous day(g) +0.11 g est mean wt (g)

5.10	5.22	5.22
------	------	------

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	biomass]
A1	42	219.2	15.3
A2	29	151.4	10.6
A3	20	104.4	7.3
A4	41	214	15.0
A5	34	177.5	12.4
A6	48	250.6	17.5
A7	43	224.5	15.7
A8	51	266.2	18.6
A9	38	198.4	13.9

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

B1	33	172.3	12.1
B2	41	214.	15.0
B3	52	271.4	19.0
B4	49	255.8	17.9
B5	42	219.24	15.3
B6	39	203.6	14.3
B7	48 50	261	18.3
B8	50	261.0	18.2
B9	52	271.4	19.0

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on

7/7/12 by mpw

Trial 2

Daily feed weight calculation worksheet

0.11 g gain added to mean wt per day

Feed for Day _____

Date: _____

Initial: _____

mean wt from previous day(g) +0.11 g est mean wt (g)

5.22	5.33	5.33
------	------	------

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	biomass]
A1	42		
A2	29		
A3	20		
A4	41		
A5	34		
A6	48		
A7	43		
A8	48		
A9	38		

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

B1	33		
B2	41		
B3	50		
B4	49		
B5	41		
B6	39		
B7	50		
B8	50		
B9	52		

FF# 12
Item # _____
Pg 2 of 7

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on 7/8/12 by mpu

Trial 2

Daily feed weight calculation worksheet

Feed for Day _____

Date: _____

0.11 g gain added to mean wt per day

Initial: _____

mean wt from previous day(g)	+0.11 g	est mean wt (g)
5.33	5.44	5.44

0.38

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	Est biomass
A1	42		
A2	28		
A3	20		
A4	40		
A5	34		
A6	48		
A7	43		
A8	35	24	
A9	38		
B1	30		
B2	41		
B3	50		
B4	45		
B5	41		
B6	38		
B7	48		
B8	50		
B9	52		

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on 7/9/12 by mpu

Trial 2

Daily feed weight calculation worksheet

Feed for Day _____

Date: _____

0.11 g gain added to mean wt per day

Initial: _____

mean wt from previous day(g)	+0.11 g	est mean wt (g)
5.44	5.55	5.55

0.3885

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	Est biomass
A1	42		
A2	28		
A3	20		
A4	40		
A5	34		
A6	48		
A7	43		
A8	24		
A9	38		
B1	27		
B2	41		
B3	50		
B4	23		
B5	41		
B6	38		
B7	46		
B8	50		
B9	51		

FF# 12
Item # _____
Pg 3 of 7

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on

7/10/12 by MPW

Trial 2

Daily feed weight calculation worksheet

0.11 g gain added to mean wt per day

Feed for Day _____

Date: _____

Initial: _____

mean wt from previous day(g)	+0.11 g	est mean wt (g)
5.55	5.66	5.66

0.3962

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	biomass]
A1	42	16.6	
A2	28	11.1	
A3	20	7.9	
A4	40	15.8	
A5	34	13.5	
A6	48	19	
A7	42	16.6	
A8	22	8.72	
A9	38	15.1	

B1	25	9.9	
B2	41	16.2	
B3	50	19.8	
B4	20	7.9	
B5	41	16.2	
B6	38	15.1	
B7	45	17.8	
B8	50	19.8	
B9	47	18.6	

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on

7/11/12 by MPW

Trial 2

Daily feed weight calculation worksheet

0.11 g gain added to mean wt per day

Feed for Day _____

Date: _____

Initial: _____

mean wt from previous day(g)	+0.11 g	est mean wt (g)
5.66	5.77	5.77

0.4039

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	biomass]
A1	42	17.0	
A2	28		
A3	20		
A4	40		
A5	34		
A6	48		
A7	42		
A8	21		
A9	38		

B1	25		
B2	41		
B3	50		
B4	19		
B5	41		
B6	38		
B7	43		
B8	50		
B9	35		

FF# 12
Item # _____
Pg 4 of 7

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on

7/12/12

mpw

Trial 2

Daily feed weight calculation worksheet

0.11 g gain added to mean wt per day

Feed for Day _____

Date: _____

Initial: _____

mean wt from previous day(g)	+0.11 g	est mean wt (g)
5.77	5.88	5.88

0.4116

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the

Feed Weight Recording Form

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	
A1	42	17.3	
A2	28		
A3	20		
A4	40		
A5	34		
A6	48		
A7	42		
A8	21		
A9	38		
B1	25		
B2	40		
B3	50		
B4	19		
B5	41		
B6	38		
B7	43		
B8	49		
B9	34		

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on

7/13/12

mpw

Trial 2

Daily feed weight calculation worksheet

0.11 g gain added to mean wt per day

Feed for Day _____

Date: _____

Initial: _____

mean wt from previous day(g)	+0.11 g	est mean wt (g)
5.68	5.79	5.79

0.4193

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the

Feed Weight Recording Form

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	
A1	42		
A2	28		
A3	20		
A4	40		
A5	34		
A6	48		
A7	42		
A8	21		
A9	38		
B1	25		
B2	40		
B3	49		
B4	19		
B5	41		
B6	38		
B7	43		
B8	47		
B9	32		

FF# 12
Item # _____
Pg 5 of 7

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02 Calculated on 7/14/12 by MPW

Trial 2

Daily feed weight calculation worksheet

0.11 g gain added to mean wt per day

Feed for Day _____

Date: _____

Initial: _____

mean wt from previous day(g) +0.11 g est mean wt (g)

5.99	6.09	6.10
------	------	------

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	biomass]
A1	42		
A2	28		
A3	20		
A4	40	39	
A5	34	33	
A6	48		
A7	42		
A8	21		
A9	38		

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

0.427

B1	25		
B2	40		
B3	48		
B4	19		
B5	38		
B6	38		
B7	40		
B8	29		
B9	27		

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02 Calculated on 7/15/12 by MPW

Trial 2

Daily feed weight calculation worksheet

0.11 g gain added to mean wt per day

Feed for Day _____

Date: _____

Initial: _____

mean wt from previous day(g) +0.11 g est mean wt (g)

6.10	6.21	6.27
------	------	------

Est biomass At 7% feed rate
[# of fish x (g) to feed
est mean wt] [0.07 x Est biomass]

Tank	# of fish	g	biomass]
A1	42		
A2	28		
A3	20		
A4	38		
A5	33		
A6	48		
A7	42		
A8	21		
A9	38		

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

0.4354

B1	25		
B2	40		
B3	48		
B4	19		
B5	38		
B6	38		
B7	39		
B8	18		
B9	23		

FF# 12
Item # _____
Pg 6 of 7

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on 7/16/12 by MPW

Trial 2

Daily feed weight calculation worksheet

Feed for Day _____

Date: _____

0.11 g gain added to mean wt per day

Initial: _____

mean wt from previous day(g)	+0.11 g	est mean wt (g)
6.28	6.39	6.39

Est biomass At 7% feed rate
 [# of fish x (g) to feed
 est mean wt] [0.07 x Est biomass]

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

0.4424

Tank	# of fish	g	biomass]
A1	42		
A2	28		
A3	20		
A4	38		
A5	32		
A6	48		
A7	42		
A8	21		
A9	38		
B1	25		
B2	40		
B3	48		
B4	19		
B5	38		
B6	38		
B7	38		
B8	17		
B9	23		

Feed Weight Recording Form - post-dosing

AEH-09-MAS-02

Calculated on 7/17/12 by MPW

Trial 2

Daily feed weight calculation worksheet

Feed for Day _____

Date: _____

0.11 g gain added to mean wt per day

Initial: _____

mean wt from previous day(g)	+0.11 g	est mean wt (g)
6.32	6.43	6.43

Est biomass At 7% feed rate
 [# of fish x (g) to feed
 est mean wt] [0.07 x Est biomass]

Transcribe feed amount from "Amount to feed" column to appropriate "Original amount to feed" cell on the Feed Weight Recording Form

0.45

Tank	# of fish	g	biomass]
A1	42		
A2	28		
A3	20		
A4	35		
A5	32		
A6	48		
A7	42		
A8	21		
A9	38		
B1	25		
B2	40		
B3	47 → 45		
B4	19		
B5	38		
B6	38		
B7	37		
B8	16		
B9	22		

Item No. _____

FF# 12
 Item # _____
 Pg 7 of 7

AEH-09-MAS-02 **Feed weight recording form – post-dosing**

Approved: [Signature] Lab data book/page(s): 52/10-13 File folder: 12

Proofed: _____ Reviewed: _____ Page 1 of 13

Feed for 5 JUN 12 Control Feed Bag ID CONT 3 of 5
JNL wrote JUN by mistake 5 JUN 12

CONT 3 of 5

CONT 4 of 5

INITIAL WT OF BAG (g)		255.2	Date/initial	5 JUN 12 SJS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.0	15.1	7/5/12	MPW
A2	10.4	10.3	↑	↑
A3	9.1	7.1		
A4	14.6	14.7		
A5	12.1	12.1		
A6	17.1	17.1		
A7	15.4	15.3		
A8	18.6	18.5		
A9	13.6	13.5		
B1	11.8	11.8		
B2	14.6	14.5		
B3	18.6	18.6	↓	↓
B4	17.5	17.4		
B5	17.1	17.2		
B6	13.9	13.8		
B7	18.2	18.1		
B8	17.9	18.0		
B9	18.6	18.6		
FINAL WEIGHT OF BAG (g)		1732.2	Date/initial	7/5/12 MPW

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, SN AE75502109

CONT 3 of 5 Final Wt = 104.9 7/5/12 MPW
 CONT 4 of 5 Initial Wt = 1853.6g 7/5/12 MPW

① CONT 4 of 5

Item No. _____

AEH-09-MAS-02 **Feeding observations recording form - dosing Trial 2**

Approved: 

Lab data book/page(s): 2/6-10 File folder: 12 Proofed: _____ Reviewed: _____ Page 1 of 2

Day	A1 Est rem feed	A2 Est rem feed	A3 Est rem feed	A4 Est rem feed	A5 Est rem feed	A6 Est rem feed	A7 Est rem feed	A8 Est rem feed	A9 Est rem feed	Tank cleaning completed (Time)	Feeders filled (Time)	Date	Initial
0	Intentionally shaded										01350	25JUN12	SNS
1	3	3	2	4	4	2	4	4	3	0922	1317	26JUN12	SNS
2	4	4	4	4	4	4	4	4	3	0940	1324	27JUN12	SNS
3	4	4	4	4	4	4	4	4	4	0855	1355	28JUN12	SNS
4	4	4	4	4	4	4	4	4	4	0930	1314	29JUN12	SNS
5	4	4	4	4	4	4	4	4	4	0850	1345	30JUN12	SNS
6	4	4	4	4	4	4	4	4	4	0900	1325	1JUL12	SNS
7	4	4	4	4	4	4	4	4	4	0850	1325	2JUL12	SNS
8	4	4	4	4	4	4	4	4	4	0850	1330	3JUL12	SNS
9	4	4	4	4	4	4	4	4	4	0840	1335	4JUL12	SNS
10	4	4	4	4	4	4	4	4	4	0900	1315	5JUL12	SNS

Note: Day 0 is the first day medicated feed was placed in the feeders. Estimation of feed remaining begins on Day 1. On Day 10, evaluation of feed remaining is still estimating the dosing feed but the feeders will then be filled with control feed.

(1) = 75% -100% feed remaining (2) = 50% -75% feed remaining (3) = 25% -50% feed remaining (4)=0-25% feed remaining

Item No. _____

AEH-09-MAS-02 **Feeding observations recording form - dosing Trial 2**

Approved: *[Signature]*

Lab data book/page(s): 2/2-10 File folder: 12 Proofed: _____ Reviewed: _____ Page 2 of 2

Day	B1 Est rem feed	B2 Est rem feed	B3 Est rem feed	B4 Est rem feed	B5 Est rem feed	B6 Est rem feed	B7 Est rem feed	B8 Est rem feed	B9 Est rem feed	Tank cleaning completed (Time)	Feeders filled (Time)	Date	Initial
0	Intentionally shaded										1355	26 JUN 12	SMS
1	4	4	4	3	3	3	4	4	4	0950	1324	26 JUN 12	SMS
2	4	4	4	4	3	4 ³⁰	4	3	4	0910	1330	27 JUN 12	SMS
3	4	4	4	4	4	4	4	4	4	0920	1350	28 JUN 12	SMS
4	4	4	4	4	4	4	4	4	4	0855	1320	29 JUN 12	SMS
5	4	4	4	4	4	4	4	4	4	0850	1350	30 JUN 12	SMS
6	4	4	4	4	4	4	4	4	4	0920	1330	1 JUL 12	SMS
7	4	4	4	4	4	4	4	4	4	0855	1330	2 JUL 12	SMS
8	4	4	4	4	4	4	4	4	4	0845	1335	3 JUL 12	SMS
9	4	4	4	4	4	4	4	4	4	0850	1340	4 JUL 12	SMS
10	② 4	4	4	4	4	4	4	4	4	0850	1315	5 JUL 12	SMS

Note: Day 0 is the first day medicated feed was placed in the feeders. Estimation of feed remaining begins on Day 1. On Day 10, evaluation of feed remaining is still estimating the dosing feed but the feeders will then be filled with control feed.

(1) = 75% -100% feed remaining (2) = 50% -75% feed remaining (3) = 25% -50% feed remaining (4)=0-25% feed remaining

① wrote B5's rating in B6's spot 28 JUN 12 SMS

② A bit more feed remaining but still less than 25% 5 JUL 12 SMS

Item No. _____

AEH-09-MAS-02 Feeding observations recording form - post-dosing Trial 2

Approved: 

Lab data book/page(s): 2/10-13 File folder: 12 Proofed: 9 MAR 15 8MS Reviewed: _____ Page 1 of 2

Day	A1 Est rem feed	A2 Est rem feed	A3 Est rem feed	A4 Est rem feed	A5 Est rem feed	A6 Est rem feed	A7 Est rem feed	A8 Est rem feed	A9 Est rem feed	Tank cleaning completed (Time)	Feeders filled (Time)	Date	Initial
11	4	4	4	4	4	4	4	4	4	9:50	1310 1355	6 Jul 12 26 JUN 12	MPW 8MS
12	4	4	4	4	4	4	4	4	4	9:45	1305	7 Jul 12	MPW
13	4	4	4	4	4	4	4	4	4	9:35	1315	8 Jul 12	MPW
14	4	4	4	4	4	4	4	4	4	9:20	1320	9 Jul 12	MPW
15	4	4	4	4	4	4	4	4	4	9:00	1315	10 Jul 12	MPW
16	4	4	4	4	4	4	4	4	4	9:00	1320	11 Jul 12	MPW
17	4	4	4	4	4	4	4	4	4	9:00	1320	12 Jul 12	MPW
18	4	4	4	4	4	4	4	4	4	9:00	1320	13 Jul 12	MPW
19	4	4	4	4	4	4	4	4	4	9:30	1320	14 Jul 12	MPW
20	4	4	4	4	4	3	4	4	4	9:30	1320	15 Jul 12	MPW
21	4	4	4	4	4	4	4	4	4	8:55	1340	16 Jul 12	MPW
22	4	4	4	4	4	4	4	4	4	8:50	1330	17 Jul 12	MPW
23	4	4	4	4	4	4	4	4	4	*	*	18 Jul 12	MPW
24													

Recorded on wrong sheet B tanks for Day 0 26 JUN 12 8MS
This sheet was re-used as above was recorded. MPW used it on 6 Jul 12 9 MAR 15 8MS

Note: Day 11 to 24 are estimations of control feed remaining.

(1) = 75% -100% feed remaining (2) = 50% -75% feed remaining (3) = 25% -50% feed remaining (4)=0-25% feed remaining

*Tear down day, tanks not cleaned or feeders filled 9 MAR 15 8MS

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Day	B1 Est rem feed	B2 Est rem feed	B3 Est rem feed	B4 Est rem feed	B5 Est rem feed	B6 Est rem feed	B7 Est rem feed	B8 Est rem feed	B9 Est rem feed	Tank cleaning completed (Time)	Feeders filled (Time)	Date	Initial
11	4	4	4	4	4	4	4	4	4	10:05	1310	6 Jul 12	mpw
12	4	4	4	4	4	4	4	4	4	10:00	1305	7 Jul 12	mpw
13	4	4	4	4	4	4	4	4	4	9:50	1310	8 Jul 12	mpw
14	4	4	4	4	4	4	4	4	4	9:40	1320	9 Jul 12	mpw
15	4	4	4	4	4	4	4	4	4	9:20	1315	10 Jul 12	mpw
16	4	4	4	4	4	4	4	4	4	9:15	1325	11 Jul 12	mpw
17	3	4	4	4	4	4	4	4	4	9:15	1325	12 Jul 12	mpw
18	4	4	4	4	4	4	4	4	4	9:15	1325	13 Jul 12	mpw
19	4	4	4	4	4	4	4	4	4	9:45	1325	14 Jul 12	mpw
20	4	4	4	4	4	4	4	4	4	9:45	1325	15 Jul 12	mpw
21	4	4	4	4	4	4	4	4	4	9:10	1345	16 Jul 12	mpw
22	4	4	4	4	4	4	4	4	4	9:10	1335	17 Jul 12	mpw
23	4	4	4	4	4	4	4	4	4	*	*	18 Jul 12	mpw
24													

Note: Day 11 to 24 are estimations of control feed remaining .

* Tear down day, tanks not cleaned or feeders filled 9MAR15 SMS

(1) = 75% -100% feed remaining (2) = 50% -75% feed remaining (3) = 25% -50% feed remaining (4)=0-25% feed remaining

AEH-09-MAS-02

PRE-
Feed weight recording form - ~~post~~-dosing

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Feed for 15 JUN 12
Date

Control Feed

Bag ID CONT 1 of 5 Initial 293.5 → Final 87.0 (empty)
CONT 2 of 5 1519.9 g → 1504.2 g

INITIAL WT OF BAG (g)		293.5	Date/initial	
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	12.3	12.3	15 JUN 12	SUS
A2	12.3	12.4	↑	↑
A3	12.3	12.3		
A4	↑	12.3		
A5		12.3		
A6		12.3		
A7		12.3		
A8		12.3		
A9		12.3		
B1		12.4		
B2		12.3		
B3		12.3		
B4		12.4		
B5		12.4		
B6		12.3		
B7		12.4		
B8		* 12.4 Total	↓	↓
B9	12.3	12.3		
FINAL WEIGHT OF BAG (g)			15 JUN 12	SUS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE7550 2109

* B8 = 8.9 from CONT 1 of 2
3.5. from CONT 2 of 2

AEH-09-MAS-02 Feed weight recording form – ^{PRE-}pest-dosing

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Feed for 16 JUN 12 Control Feed Bag ID CONT 2 of 5
Date

INITIAL WT OF BAG (g)		1504.3	Date/initial	16 JUN 12 / SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	12.3	12.3	16 JUN 12	SMS
A2	↑	12.4	↑	↑
A3		12.4		
A4		12.3		
A5		12.3		
A6		12.4		
A7		12.3		
A8		12.4		
A9		12.4		
B1		12.4		
B2		12.3		
B3		12.4		
B4		12.4		
B5		12.3		
B6		12.4		
B7		12.4		
B8	↓	12.4	↓	↓
B9	12.3	12.3	16 JUN 12	SMS
FINAL WEIGHT OF BAG (g)		1281.8	Date/initial	16 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE 75502109

AEH-09-MAS-02 **Feed weight recording form – post-dosing** Pre

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Feed for 17Jun12 Control Feed Bag ID CONT 2 of 5
Date

INITIAL WT OF BAG (g)		1281.9	Date/initial	17JUN12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	12.3	12.3	17JUN12	SMS
A2	↑	12.4	↑	↑
A3		12.3		
A4		12.3		
A5		12.4		
A6		12.4		
A7		12.3		
A8		12.3		
A9		12.4		
B1		12.3		
B2		12.4		
B3		12.3		
B4		12.4		
B5		12.3		
B6		12.4		
B7		12.4		
B8		12.4		
B9	12.3	12.3	17JUN12	SMS
FINAL WEIGHT OF BAG (g)		1058.8	Date/initial	17JUN12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 ^{PRE} Feed weight recording form – ~~post~~-dosing

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Feed for 18 JUN 12 Control Feed Bag ID CONT 2 of 5
Date

INITIAL WT OF BAG (g)		1059.0	Date/initial	18 JUN 12 SWS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	12.3	12.3	18 JUN 12	SWS
A2	↑	12.4	↑	↑
A3	↑	12.4	↑	↑
A4	↑	12.4	↑	↑
A5	↑	12.3	↑	↑
A6	↑	12.4	↑	↑
A7	↑	12.4	↑	↑
A8	↑	12.4	↑	↑
A9	↑	12.4	↑	↑
wrong # A10 B1 ^{18 JUN 12} SWS		12.3		
B2	↑	12.3	↑	↑
B3	↑	12.3	↑	↑
B4	↑	12.3	↑	↑
B5	↑	12.4	↑	↑
B6	↑	12.3	↑	↑
B7	↑	12.4	↑	↑
B8	↑	12.3	↑	↑
B9	↓	12.4	↓	↓
B9	12.3	12.4	18 JUN 12	SWS
FINAL WEIGHT OF BAG (g)		836.5	Date/initial	18 JUN 12

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH75502109

AEH-09-MAS-02 **Feed weight recording form – ^{Pre} pest-dosing**

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Feed for 19 JUN 12 Control Feed Bag ID CONT 2 of 5
Date

INITIAL WT OF BAG (g)		836.5	Date/initial	19 JUN 12
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1		12.5	19 JUN 12	SMS
A2		12.5	↑	↑
A3		12.3		
A4		12.4		
A5		12.3		
A6		12.3		
A7		12.3		
A8		12.3		
A9		12.3		
B1		12.3		
B2		12.3		
B3		12.4		
B4		12.4		
B5		12.3		
B7		12.3		
B8		12.3		
B9		12.4	19 JUN 12	SMS
FINAL WEIGHT OF BAG (g)		625.9	Date/initial	19 JUN 12

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH75502109

AEH-09-MAS-02 **Feed weight recording form – ^{Pre}post-dosing**

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Feed for 20 JUN 12 Control Feed Bag ID CONT 2 of 5
Date

INITIAL WT OF BAG (g)		626.0	Date/initial	20 JUN 12 / SNS	
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials	
A1	12.4	12.3	20 JUN 12	SNS	
A2	↑	12.5	↑	↑	
A3		12.5			
A4		12.4			
A5		12.5			
A6		12.4			
A7		12.4			
A8		12.4			
A9		12.5			
B1		12.5			↓
B2	12.4				
B3	12.4				
B4	12.5				
B5	12.4				
B7	12.5				
B8	12.5				
B9	12.4	20 JUN 12	SNS		
FINAL WEIGHT OF BAG (g)		414.0	Date/initial	20 JUN 12 / SNS	

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH75502109

eh

AEH-09-MAS-02 ^{Pre} Feed weight recording form – ~~post~~-dosing

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Feed for 21 Jun 12 Control Feed Bag ID count 2 of 5
Date

INITIAL WT OF BAG (g)		414.2 g	Date/initial	21 Jun 12 mpw
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	12.5	12.4	21 Jun 12	mpw
A2		12.6		
A3		12.5		
A4		12.5		
A5		12.4		
A6		12.4		
A7		12.4		
A8		12.5		
A9		12.4		
B1		12.6		
B2		12.6		
B3		12.6		
B4		12.6		
B5		12.4		
B7		12.6		
B8		12.6		
B9	12.5	12.5	21 Jun 12	mpw
FINAL WEIGHT OF BAG (g)		201.1 g	Date/initial	21 Jun 12 mpw

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH75502109

AEH-09-MAS-02 **Feed weight recording form – post-dosing** Pre

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Feed for 22 JUN 12 ^(recorded 9MAY15 SUS) **Control Feed** ① WAE count 1 of 5
 Date Bag ID count 2 of 5

WAE: 658.9

INITIAL WT OF BAG (g)		201.8		Date/initial	Jun 22-12 mpu	
Tank ID	Amount to feed ¹ (g) WAE	Amount removed from bag ² (g) WAE		Date weighed	Initials	
A1	6.3	6.3	6.3	6.3	22 Jun 12	mpu
A2	↑	↑	6.3	6.2	↑	↑
A3	↑	↑	6.4	6.2	↑	↑
A4	↑	↑	6.2	6.4	↑	↑
A5	↑	↑	6.2	6.2	↑	↑
A6	↑	↑	6.3	6.3	↑	↑
A7	↑	↑	6.3	6.3	↑	↑
A8	↑	↑	6.3	6.2	↑	↑
A9	↑	↑	6.3	6.2	↑	↑
B1	↑	↑	6.2	6.3	↑	↑
B2	↑	↑	6.3	6.3	↑	↑
B3	↑	↑	6.2	6.2	↑	↑
B4	↑	↑	6.2	6.3	↑	↑
B5	↑	↑	6.2	6.2	↑	↑
B7	↑	↑	6.2	6.3	↑	↑
B8	↓	↓	6.2	6.3	↑	↓
B9	6.3	6.3	6.2	6.2	22 Jun 12	mpu
FINAL WEIGHT OF BAG (g)		95.4 / 551.5		Date/initial	mpu Jun 22 12	

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH75502109 (recorded 9MAY15 SUS - only balance we had there)

① WAE grower feed from the hatchery was mixed with the smaller original feed (50/50 mix) to acclimate the fish to the larger size feed. (Logbook pg. 4)
 Recorded ^{wrong date} 22 JUN 12 SUS ^{9MAY15 SUS} SUS

AEH-09-MAS-02 **Feed weight recording form – ^{Pre}post-dosing**

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Feed for 23 Jun 12 Control Feed Bag ID 551,6 (WAE)
 Date 23 Jun 12 95.4
 count 1 of 1 WAE
 count 2 of 5
 count 3 of 5

INITIAL WT OF BAG (g)		1602.0		Date/initial	
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)		Date weighed	Initials
A1	12.5	6.3	6.3	23 Jun 12	MPW
A2	↑	6.3	6.2	↑	↑
A3		6.3	6.3		
A4		6.3	6.2		
A5		6.3	6.3		
A6		6.2	6.3		
A7		6.3	6.3		
A8		6.2	6.2		
A9		6.2	6.3		
B1		6.3	6.3		
B2		6.3	6.3		
B3		6.2	6.2		
B4		6.2	6.2		
B5		6.3	6.2		
B7		6.3	6.3		
B8		6.2	6.3		
B9	12.5	6.3	6.2	23 Jun 12	MPW
FINAL WEIGHT OF BAG (g)		1492.3	432.7	Date/initial	23 Jun 12 MPW

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH75502109 (recorded 9 MAR 15 SMS - only balance)

AEH-09-MAS-02 Pre
Feed weight recording form – pest-dosing

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Feed for 6/24/12 Control Feed Bag ID count 3 of 5
 Date

INITIAL WT OF BAG (g)		1398.4	Date/initial	6/24/12 MPW
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	12.5	12.5	6/24/12	MPW
A2	↑	12.6	↑	↑
A3		12.5		
A4		12.5		
A5		12.6		
A6		12.4		
A7		12.5		
A8		12.5		
A9		12.5		
B1		12.5		
B2		12.5		
B3		12.6		
B4		12.5		
B5		12.6		
B7		12.4		
B8		12.5		
B9	12.5	6/24/12	MPW	
FINAL WEIGHT OF BAG (g)		1185.5	Date/initial	6/24/12 MPW

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recovered 9 MAR 15 - only balance)

AEH-09-MAS-02 **Feed weight recording form – ^{Pre}post-dosing**

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Feed for 6/24/12 Control Feed Bag ID Count 3 of 5
 Date 6/24/12 441.8 WAE G
 count 1 of 1 WAE Grower

INITIAL WT OF BAG (g)	1501.4		Date/initial	6/24/12 MPW	
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)		Date weighed	Initials
A1	12.5	6.3	6.2	6/24/12	MPW
A2	↑	6.2	6.3	↑	↑
A3		6.2	6.2		
A4		6.2	6.3		
A5		6.2	6.2		
A6		6.3	6.2		
A7		6.3	6.3		
A8		6.3	6.2		
A9		6.3	6.3		
B1		6.3	6.3		
B2		6.2	6.3		
B3	6.3	6.2			
B4	6.2	6.3			
B5	6.2	6.2			
B7	6.3	6.2			
B8	6.3	6.3			
B9	12.5	6.3	6.2	6/24/12	MPW
FINAL WEIGHT OF BAG (g)		1386.1	326.4	Date/initial	6-24-12 MPW

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 9 MAR 15 SWS - only balance available)

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 25JUN12 Feed type control/FFC/OTC

Bag ID CONT 3 of 5

INITIAL WT OF BAG (g)			Date/initial
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed
		1185.8	25JUN12 SMS
A4	15.4g	15.5	25JUN12 SMS
A6	↑	15.5	
A8		15.4	
B1		15.4	
B4		15.4	
B2	15.4g	15.4	
FINAL WEIGHT OF BAG (g)			Date/initial
			25JUN12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

+++++

Feed for 26JUN12 Feed type control/FFC/OTC

Bag ID CONT 3 of 5

INITIAL WT OF BAG (g)			Date/initial
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed
		1093.0	26JUN12 SMS
A4	16.7	16.7	26JUN12 SMS
A6	15.0	15.0	
A8	15.2	15.2	
B1	15.5	15.5	
B4	15.2	15.2	
B2	13.5	13.5	
FINAL WEIGHT OF BAG (g)			Date/initial
			26JUN12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

Item No. _____

AEH-09-MAS-02 **Feed weight recording form – dosing**

Approved: [Signature] Lab data book/page(s): #2/6-10 File folder: 12

Proofed: 9 MAR 15 SWS Reviewed: _____ Page 2 of 15

Feed for 27 JUN 12 Feed type control Bag ID CONT 3 of 5
 Date _____

INITIAL WT OF BAG (g)		1001.0	Date/initial	27 JUN 12 SWS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A4	16.2	16.3	27 JUN 12	SWS
A6	15.1	15.2		
A8	15.7	15.7		
B1	16.0	16.0		
B2	12.7	12.8		
B4	15.7	15.7		
FINAL WEIGHT OF BAG (g)		909.2	Date/initial	27 JUN 12 SWS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

+++++

Feed for 28 JUN 12 Feed type control Bag ID CONT 3 of 5
 Date _____

INITIAL WT OF BAG (g)		909.5	Date/initial	28 JUN 12 SWS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A4	① 48 14.5	14.6	28 JUN 12	SWS
A6	15.2	15.3		
A8	16.1	16.1		
B1	16.4	16.5		
B2	12.7	12.7		
B4	15.5	15.5		
FINAL WEIGHT OF BAG (g)		818.3	Date/initial	28 JUN 12 SWS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

① copied # of fish 28 JUN 12 SWS

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 29 JUN 12 Feed type control/FFC/OTC
Date

Bag ID CONT 3 of 5

INITIAL WT OF BAG (g)		818.3	Date/initial	29 JUN 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A4	13.4	13.4	29 JUN 12	SMS
A6	15.5	15.6		
A8	16.2	16.3		
B1	16.5	16.5		
B2	12.7	12.8		
B4	15.2	18.3		
FINAL WEIGHT OF BAG (g)		728.2	Date/initial	29 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

+++++

Feed for 30 JUN 12 Feed type control/FFC/OTC
Date

Bag ID CON 3 of 5

INITIAL WT OF BAG (g)		728.3	Date/initial	30 JUN 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A4	13.7	13.7	30 JUN 12	SMS
A6	15.9	15.8		
A8	16.6	16.6		
B1	16.6	16.5		
B2	13.1	13.1		
B4	15.6	15.6		
FINAL WEIGHT OF BAG (g)		636.9	Date/initial	30 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 1 JUL 12 Feed type control/FFC/OTC

Bag ID CONT 3 of 5

INITIAL WT OF BAG (g)			637.6	Date/initial	2 JUL 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials	
A4	14.0	14.1	1 JUL 12	SMS	
A6	14.3	14.3			
A8	17.0	17.1			
B1	16.6	16.6			
B2	13.4	13.3			
B4	16.0	16.1			
FINAL WEIGHT OF BAG (g)			543.6	Date/initial	1 JULY 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

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Feed for 2 JUL 12 Feed type control/FFC/OTC

Bag ID CONT 3 of 5

INITIAL WT OF BAG (g)			543.7	Date/initial	2 JUL 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials	
A4	14.0	14.0	2 JUL 12	SMS	
A6	16.4	16.4			
A8	17.4	17.4			
B1	17.0	17.0			
B2	13.7	13.7			
B4	16.4	16.4			
FINAL WEIGHT OF BAG (g)			448.5	Date/initial	2 JUL 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 3 JUL 12 Date Feed type control/FFC/OTC

Bag ID CONT 3 of 5

INITIAL WT OF BAG (g)		448.7	Date/initial	3 JUL 12 SNS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A4	14.0	14.1	3 JUL 12	SNS
A6	16.4	16.5		
A8	17.8	17.9		
B1	17.1	17.1		
B2	14.0	14.0		
B4	16.7	16.8		
FINAL WEIGHT OF BAG (g)		352.4	Date/initial	3 JUL 12 SNS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

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Feed for 4 JUL 12 Date Feed type control/FFC/OTC

Bag ID CONT 3 of 5

INITIAL WT OF BAG (g)		352.6	Date/initial	4 JUL 12 SNS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A4	14.3	14.4	4 JUL 12	SNS
A6	16.8	16.8		
A8	18.2	18.2		
B1	16.8	16.8		
B2	14.3	14.4		
B4	17.1	17.0		
FINAL WEIGHT OF BAG (g)		254.9	Date/initial	4 JUL 12 SNS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 25 JUN 12 Date 25 JUN 12 Feed type control/FFC/OTC

Bag ID FFC 1 of 2
not central
25 JUN 12 SMS

INITIAL WT OF BAG (g)		604.9	Date/initial	25 JUN 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.4	15.5	25 JUN 12	SMS
A3	↑	15.5		
A9	↑	15.4		
B5	↓	15.3		
B8	↓	15.4		
B9	15.4	15.4		
FINAL WEIGHT OF BAG (g)		512.0	Date/initial	25 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

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Feed for 26 JUN 12 Date 26 JUN 12 Feed type control/FFC/OTC

Bag ID FFC 1 of 2

INITIAL WT OF BAG (g)		512.0	Date/initial	26 JUN 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.2	15.2	26 JUN 12	SMS
A3	9.2	9.4		
A9	13.2	13.3		
B5	15.2	15.2		
B8	15.5	15.6		
B9	15.2	15.2		
FINAL WEIGHT OF BAG (g)		428.0	Date/initial	26 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 27 JUN 12 Feed type control/FFC/OTC
Date _____

Bag ID FFC 1 of 2

INITIAL WT OF BAG (g)		427.9	Date/initial	27 JUN 12
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.1	15.1	27 JUN 12	SNS
A3	7.4	7.5		
A9	12.4	12.4		
B5	15.7	15.7		
B8	16.0	16.1		
B9	15.7	15.8		
FINAL WEIGHT OF BAG (g)		345.2	Date/initial	27 JUN 12 SNS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE755 02109

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Feed for 28 JUN 12 Feed type control/FFC/OTC
Date _____

Bag ID FFC 1 of 2

INITIAL WT OF BAG (g)		345.3	Date/initial	28 JUN 12 SNS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.5	15.5	28 JUN 12	SNS
A3	6.7	6.9		
A9	12.7	12.8		
B5	16.1	16.2		
B8	16.4	16.4		
B9	16.1	16.1		
FINAL WEIGHT OF BAG (g)		261.1	Date/initial	28 JUN 12 SNS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 29 JUN 12 Feed type control Bag ID FFC 1 of 2
 Date _____ control/FFC/OTC

INITIAL WT OF BAG (g)		261.1	Date/initial	29 JUN 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.5	15.5	29 JUN 12	SMS
A3	6.2	6.3		
A9	12.1	12.2		
B5	16.5	16.5		
B8	16.5	16.6		
B9	16.5	16.6		
FINAL WEIGHT OF BAG (g)		177.4	Date/initial	29 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

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Feed for 30 JUN 12 Feed type control Bag ID FFC 1 of 2
 Date _____ control/FFC/OTC

Final wt. = 108.9 g
 FFC 2 of 2 Initial wt = 1039.5 g
 30 JUN 12 SMS

INITIAL WT OF BAG (g)		177.4	Date/initial	30 JUN 12
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.4	15.6 1 of 2	30 JUN 12	SMS
A3	6.4	6.4 ↑		
A9	12.4	12.5 ↓		
B5	16.9	16.9 ↓		
B8	16.9	17.0 1 of 2		
B9	16.9	16.9 * 2 of 2		
FINAL WEIGHT OF BAG (g)		1022.7 (2 of 2)	Date/initial	30 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 1 JUL 12 Feed type control/FFC/OTC
 Date _____

Bag ID FFC 2 of 2

INITIAL WT OF BAG (g)		1022.9	Date/initial	1 JUL 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.0	15.1	1 JUL 12	SMS
A3	6.5	6.5		
A9	12.4	12.5		
B5	17.0	17.0		
B8	17.3	17.4		
B9	17.3	17.3		
FINAL WEIGHT OF BAG (g)		936.9	Date/initial	1 JUL 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

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Feed for 2 JUL 12 Feed type control/FFC/OTC
 Date _____

Bag ID FFC 2 of 2

INITIAL WT OF BAG (g)		937.0	Date/initial	2 JUL 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.0	15.0	2 JUL 12	SMS
A3	6.7	6.8		
A9	12.7	12.7		
B5	17.0	17.0		
B8	17.4	17.4		
B9	17.7	17.8		
FINAL WEIGHT OF BAG (g)		850.2	Date/initial	2 JUL 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 3JUL12 Date 3JUL12 Feed type control/FFC/OTC Bag ID FFC 2 of 2

INITIAL WT OF BAG (g)		850.2	Date/initial	3JUL12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
15.0 A1	15.0	15.0	3JUL12	SMS
A3	6.8	6.8		
A9	13.0	13.0		
B5	17.1	17.1		
B8	17.4	17.4		
B9	18.1	18.1		
FINAL WEIGHT OF BAG (g)		762.5	Date/initial	3JUL12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

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Feed for 4JUL12 Date 4JUL12 Feed type control/FFC/OTC Bag ID FFC 2 of 2

INITIAL WT OF BAG (g)		762.5	Date/initial	4JUL12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	14.7	14.8	4JUL12	SMS
A3	7.0	7.2		
A9	13.3	13.4		
B5	16.8	16.9		
B8	17.5	17.5		
B9	18.2	18.3		
FINAL WEIGHT OF BAG (g)		674.3	Date/initial	4JUL12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 25 JUN 12 Date 25 JUN 12 Feed type control/FFC/OTC Bag ID OTC 1 of

INITIAL WT OF BAG (g)		649.6	Date/initial	25 JUN 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	15.4	15.4	25 JUN 12	SMS
A5	15.4	15.4		
A7	15.4	15.4		
B3	15.4	15.4		
B6	15.4	15.4		
B7	15.4	15.4		
FINAL WEIGHT OF BAG (g)		556.8	Date/initial	25 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

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Feed for 26 JUN 12 Date 26 JUN 12 Feed type control/FFC/OTC Bag ID OTC 1 of

INITIAL WT OF BAG (g)		556.9	Date/initial	26 JUN 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	12.9	13.0	26 JUN 12	SMS
A5	15.2	15.3		
A7	15.2	15.3		
B3	15.2	15.3		
B6	13.8	13.8		
B7	15.2	15.2		
FINAL WEIGHT OF BAG (g)		468.8	Date/initial	26 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 27JUN12 Feed type control/FFC/OTC
 Date

Bag ID OTC 1 of

INITIAL WT OF BAG (g)		468.7	Date/initial	27JUN12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	10.0	10.0	27JUN12	SMS
A5	15.1	15.1		
A7	15.4	15.5		
B3	15.7	15.7		
B6	13.3	13.4		
B7	15.7	15.7		
FINAL WEIGHT OF BAG (g)		383.3	Date/initial	27JUN12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

Feed for 28JUN12 Feed type control/FFC/OTC
 Date

Bag ID OTC 1 of 2

INITIAL WT OF BAG (g)		383.5	Date/initial	28JUN12
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	9.40	9.7	28JUN12	SMS
A5	13.6	13.7		
A7	15.8	15.8		
B3	16.1	16.2		
B6	13.0	13.0		
B7	16.1	16.1		
FINAL WEIGHT OF BAG (g)		299.1	Date/initial	28JUN12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 29 JUN 12 Date 29 JUN 12 Feed type control/FFC/OTC Bag ID OTC 1 of 2

INITIAL WT OF BAG (g)		299.3	Date/initial	29 JUN 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	9.6	9.8	29 JUN 12	SMS
A5	12.1	12.2		
A7	15.2	15.2		
B3	16.5	16.5		
B6	12.4	12.5		
B7	16.5	16.5		
FINAL WEIGHT OF BAG (g)		216.4	Date/initial	29 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

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Feed for 30 JUN 12 Date 30 JUN 12 Feed type control/FFC/OTC Bag ID OTC 1 of 2

INITIAL WT OF BAG (g)		216.7	Date/initial	30 JUN 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	9.6	9.6	30 JUN 12	SMS
A5	11.5	11.5		
A7	15.3	15.3		
B3	16.9	17.0		
B6	12.7	12.7		
B7	16.9	17.0		
FINAL WEIGHT OF BAG (g)		133.7	Date/initial	30 JUN 12 SMS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 1 JUL 12 Feed type control/FFC/OTC
 Date _____

Bag ID OTC 2 of 2

INITIAL WT OF BAG (g)		1124.3	Date/initial	1 JUL 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	9.5	9.6	1 JUL 12	SMS
A5	11.4	11.5		
A7	14.4	14.4		
B3	17.3	17.4		
B6	13.0	13.1		
B7	17.3	17.4		
FINAL WEIGHT OF BAG (g)		1050.6		

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE 755 02109

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Feed for 2 JUL 12 Feed type control/FFC/OTC
 Date _____

Bag ID OTC 2 of 2

INITIAL WT OF BAG (g)		1050.6	Date/initial	2 JUL 12 SMS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	9.7	9.7	2 JUL 12	SMS
A5	11.7	11.7		
A7	14.7	14.8		
B3	17.4	17.4		
B6	13.4	13.6		
B7	17.7	17.8		
FINAL WEIGHT OF BAG (g)		965.6		

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE 75502109

AEH-09-MAS-02 **Feed weight recording form – dosing**

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Feed for 3 JUL 12 Feed type control/FFC/OTC
Date _____

Bag ID OTC 2 of 2

INITIAL WT OF BAG (g)		965.5	Date/initial	3 JUL 12 SNS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	9.9	9.9	3 JUL 12	SNS
A5	11.6	11.6		
A7	15.0	15.0		
B3	17.8	17.8		
B6	13.7	13.7		
B7	18.1	18.2		
FINAL WEIGHT OF BAG (g)		879.2	Date/initial	3 JUL 12 SNS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109

Feed for 4 JUL 12 Feed type control/FFC/OTC
Date _____

Bag ID OTC 2 of 2

INITIAL WT OF BAG (g)		879.2	Date/initial	4 JUL 12 SNS
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A2	10.1	10.1	4 JUL 12	SNS
A5	11.9	12.1		
A7	15.0	15.2		
B3	18.2	18.4		
B6	13.6	13.4		
B7	18.5	18.6		
FINAL WEIGHT OF BAG (g)		791.3	Date/initial	4 JUL 12 SNS

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet
² actual weight of feed to be offered to fish in test tank

Above weighed on Balance, S/N AE75502109

Item No. _____

AEH-09-MAS-02 Feed weight recording form – post-dosing

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Feed for 6/2/12 Control Feed Bag ID CON 4 of 5
Date

INITIAL WT OF BAG (g)		1732.3	Date/initial	7/6/12 mpw		
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials		
A1	15.3	15.2	7/6/12	mpw		
A2	10.6	10.5	↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	↑		
A3	7.3	7.3				
A4	15.0	15.1				
A5	12.4	12.4				
A6	17.5	17.6				
A7	15.7	15.7				
A8	18.6	18.7				
A9	13.9	13.9				
B1	12.1	12.1				
B2	15.0	14.9				
B3	19.0	19.0				
B4	18.9	18.8				
B5	15.3	15.4				
B6	14.3	14.2				
B7	18.3	18.3				
B8	8.4 18.20	18.1				
B9	19.0	19.1			7/6/12	mpw
FINAL WEIGHT OF BAG (g)		1455.5			Date/initial	7/6/12 mpw

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AE75502109 (recorded 10 MAR 15 SWS, see Lab data book)

Ⓢ wrong math 7/6/12 mpw

AEH-09-MAS-02 **Feed weight recording form – post-dosing**

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Feed for 4/7/12 Control Feed Bag ID CONT 4 of 5
 Date

INITIAL WT OF BAG (g)		1455.7	Date/initial	MPW
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	15.7	15.6	4/7/12	MPW
A2	10.8	10.7		
A3	7.5	7.6		
A4	15.3	15.4		
A5	12.7	12.6		
A6	17.9	18.0		
A7	16.0	16.0		
A8	17.9	17.9		
A9	14.2	14.3		
B1	12.3	12.4		
B2	15.3	15.3		
B3	18.7	18.6		
B4	18.3	18.4		
B5	15.3	15.4		
B6	14.6	14.6		
B7	18.7	18.6		
B8	18.7	18.7		
B9	19.4	19.2		
FINAL WEIGHT OF BAG (g)		1164.6		
			Date/initial	7/7/12 MPW

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10 MAR 15 SWS, see Lab data book)

AEH-09-MAS-02 Feed weight recording form – post-dosing

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Feed for 7/8/12 Control Feed Bag ID CONT 4 of 5
Date

INITIAL WT OF BAG (g)		1177.1	Date/initial	7/8/12 MPW
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	16.0	15.9	7/8/12	mpw
A2	10.7	10.7	↑	↑
A3	7.6	7.7		
A4	15.2	15.3		
A5	12.9	12.8		
A6	18.2	18.1		
A7	16.3	16.4		
A8	13.3	13.3		
A9	14.4	14.5		
B1	11.4	11.5		
B2	① 15.58 15.6	15.5		
B3	19	18.9		
B4	17.1	17.1		
B5	15.6	15.5		
B6	14.4	14.5		
B7	18.2	18.2		
B8	19	18.9		
B9	② 16 19.8	19.7	7/8/12	mpw
FINAL WEIGHT OF BAG (g)		902.2	Date/initial	7/8/12 mpw

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10 MAR 15 SWS, see lab data book)

- ① did not round up. mpw 7/8/12
- ② wrote the wrong number mpw 7/8/12

AEH-09-MAS-02 **Feed weight recording form – post-dosing**

Approved: [Signature] Lab data book/page(s): #2/10-13 File folder: 12

Proofed: 10 MAR 15 SNS Reviewed: _____ Page 5 of 13

Feed for 7/9/12 **Control Feed** Bag ID CONT 4 of 5
 Date

INITIAL WT OF BAG (g)		902.3	Date/initial	7/9/12 mpw
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	16.3	16.4	7/9/12	mpw
A2	10.9	10.8	↑	↑
A3	7.8	7.7	↑	↑
A4	15.5	15.6	↑	↑
A5	13.2	13.2	↑	↑
A6	18.6	18.5	↑	↑
A7	16.7	16.7	↑	↑
A8	9.3	9.2	↑	↑
A9	14.8	14.7	↑	↑
B1	10.5	10.4	↑	↑
B2	15.9	15.8	↑	↑
B3	19.4	19.5	↑	↑
B4	8.9	9.0	↑	↑
B5	15.9	16.0	↑	↑
B6	14.8	14.9	↑	↑
B7	17.9	17.9	↑	↑
B8	19.4	19.4	↑	↑
B9	19.8	19.8	7/9/12	mpw
FINAL WEIGHT OF BAG (g)		625.0	Date/initial	7/9/12 mpw

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10 MAR 15 SNS, see Lab data book)

AEH-09-MAS-02 Feed weight recording form – post-dosing

Approved: [Signature] Lab data book/page(s): #2/10-13 File folder: 12

Proofed: 10MAR15 SMS Reviewed: _____ Page 6 of 13

Feed for 7/10/12 Control Feed Bag ID CONT 4-f5
Date

INITIAL WT OF BAG (g)		637.3	Date/initial	7/10/12 MPW
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	16.6	16.7	↑ 7/10/12 ↓	MPW
A2	11.1	11.0		
A3	7.9	7.8		
A4	15.8	15.9		
A5	13.5	13.4		
A6	19.0	19.0		
A7	16.6	16.6		
A8	8.7	8.7		
A9	15.1	15.2		
B1	9.9	9.8		
B2	16.2	16.3		
B3	19.8	19.9		
B4	7.9	7.9		
B5	16.2	16.3		
B6	15.1	15.0		
B7	17.8	17.9		
B8	19.8	19.7		
B9	18.6	18.5		
FINAL WEIGHT OF BAG (g)		371.9		Date/initial

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10MAR15, SMS, see Lab data book)

AEH-09-MAS-02 Feed weight recording form – post-dosing

Approved: [Signature] Lab data book/page(s): #2/10-13 File folder: 12

Proofed: 10 MAR 16 SJS Reviewed: _____ Page 7 of 13

Feed for 7/11/12 Control Feed Bag ID CONT 4 of 5
 Date

INITIAL WT OF BAG (g)		371.9	Date/initial	7/11/12 MPW		
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials		
A1	17.0	17.6	7/11/12	MPW		
A2	11.3	11.3	↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↓	↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↓		
A3	8.1	8.2				
A4	16.2	16.2				
A5	13.7	13.7				
A6	19.4	19.3				
A7	17.0	17.0				
AB	8.5	8.5				
A9	15.3	15.2				
B1	10.1	10.2				
B2	16.6	16.6				
B3	20.2	20.2				
B4	7.7	7.6				
B5	16.6	16.5				
B6	15.3	15.4				
B7	17.4	17.5				
B8	20.2	20.3				
B9	14.1	14.2				
FINAL WEIGHT OF BAG (g)		93.7			Date/initial	7/11/12 MPW

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10 MAR 15 SJS, see lab data book)

AEH-09-MAS-02 Feed weight recording form – post-dosing

Approved: [Signature] Lab data book/page(s): #2/10-13 File folder: 12

Proofed: 10 MAR 15 SRS Reviewed: _____ Page 8 of 13

Feed for 7/12/12 Control Feed Bag ID _____ CONT 4 of 5

CONT 4 of 5
CONT 5 of 5

INITIAL WT OF BAG (g)		106.0	Date/initial	7/12/12 mpw
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	17.3	17.3	↑ 7/12/12 ↓	mpw
A2	11.5	11.5		
A3	8.2	8.1		
A4	16.5	16.6		
A5	14.0	14.1		
A6	14.0 19.8	19.8		
A7	17.3	17.4		
A8	8.6	8.7		
A9	15.6	15.7		
B1	10.3	10.3		
B2	16.5	16.5		
B3	20.6	20.1		
B4	7.8	7.8		
B5	16.9	16.9		
B6	15.6	15.6		
B7	17.7	17.7		
B8	20.2	20.2		
B9	14.0	13.9		
FINAL WEIGHT OF BAG (g)		1611.1 (1)		
			Date/initial	7/12/12 mpw

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10 MAR 15 SRS, see Lab data book)

CONT 4 of 5 final wt: 88.8g 7/12/12 mpw
CONT 5 of 5 initial wt: 1862.1 7/12/12 mpw

① CONT 5 of 5

AEH-09-MAS-02 Feed weight recording form – post-dosing

Approved: [Signature] Lab data book/page(s): #2/10-13 File folder: 12

Proofed: 10 MAR 15 8MS Reviewed: _____ Page 10 of 13

Feed for 7/14/12 Control Feed
Date

Bag ID CONT 5 of 5

INITIAL WT OF BAG (g)		1340.0	Date/initial	7/14/12 MPW
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	17.9	18.0	7/14/12	MPW
A2	12.0	12.0	↑	↑
A3	8.5	8.6	↑	↑
A4	16.7	16.7	↑	↑
A5	14.1	14.1	↑	↑
A6	20.5	20.6	↑	↑
A7	17.9	17.9	↑	↑
A8	8.9.0	8.9	↑	↑
A9	16.2	16.3	↑	↑
B1	10.7	10.8	↑	↑
B2	17.1	17.1	↑	↑
B3	20.5	20.6	↑	↑
B4	8.1	8.1	↑	↑
B5	16.2	16.3	↑	↑
B6	16.2	16.2	↑	↑
B7	17.1	17.1	↑	↑
B8	12.4	12.3	↑	↑
B9	11.5	11.6	7/14/12	MPW
FINAL WEIGHT OF BAG (g)		1077.2	Date/initial	7/14/12 MPW

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10 MAR 15 8MS, see Lab data book)

AEH-09-MAS-02 Feed weight recording form – post-dosing

Approved: [Signature] Lab data book/page(s): #2/10-13 File folder: 12

Proofed: 10 MAR 15 845 Reviewed: _____ Page 11 of 13

Feed for 7/15/12 Control Feed Bag ID CONT 5 of 5
Date

INITIAL WT OF BAG (g)		1077.2	Date/initial	7/15/12 MPW
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	18.3	18.2	7/15/12	MPW
A2	12.2	12.3		
A3	8.7	8.7		
A4	16.5	16.6		
A5	14.4	14.4		
A6	20.9	20.8		
A7	9.1 18.3(1)	18.3		
A8	9.1	9.2		
A9	16.5	16.6		
B1	10.9	10.9		
B2	17.4	17.4		
B3	20.9	20.8		
B4	8.3	8.4		
B5	16.5	16.6		
B6	14.5	16.5		
B7	18.0	17.0		
B8	7.8	7.8		
B9	10.0	10.1		
FINAL WEIGHT OF BAG (g)		804.6		
			Date/initial	7/15/12 MPW

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10 MAR 15 845, see lab data book)

① wrong box 7/15/12 MPW

AEH-09-MAS-02 Feed weight recording form – post-dosing

Approved: [Signature] Lab data book/page(s): #2/10-13 File folder: 12

Proofed: 10MAR15 SNS Reviewed: _____ Page 12 of 13

Feed for 7/16/12 Control Feed Bag ID CONT 5 of 5
 Date

INITIAL WT OF BAG (g)		816.9	Date/initial	7/16/12 MPW
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	18.6	18.7	↑ 7/16/12 ↓	↑ MPW ↓
A2	12.4	12.4		
A3	8.8	8.9		
A4	16.8	16.8		
A5	14.2	14.3		
A6	21.2	21.3		
A7	18.6	18.7		
A8	9.3	9.4		
A9	16.8	16.8		
B1	11.1	11.1		
B2	17.7	17.6		
B3	21.2	21.2		
B4	8.4	8.5		
B5	16.8	16.8		
B6	16.8	16.7		
B7	16.8	16.9		
B8	7.5	7.4		
B9	10.2	10.3		
FINAL WEIGHT OF BAG (g)		541.4		

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10MAR15, see Lab data book)
 SNS

AEH-09-MAS-02 **Feed weight recording form – post-dosing**

Approved: [Signature] Lab data book/page(s): #2/10-13 File folder: 12

Proofed: 10 MAR 15 SUS Reviewed: _____ Page 13 of 13

Feed for 7/17/12 **Control Feed** Bag ID CONT 5 of 5
 Date

INITIAL WT OF BAG (g)		553.8	Date/initial	7/17/12 MPW
Tank ID	Amount to feed ¹ (g)	Amount removed from bag ² (g)	Date weighed	Initials
A1	18.9	18.9	↑ 7/17/12 ↓	MPW
A2	12.6	12.5		
A3	9.0	9.1		
A4	15.8	15.8		
A5	14.4	14.5		
A6	21.6	21.5		
A7	18.9	18.9		
A8	9.5	9.6		
A9	17.1	17.1		
B1	11.3	11.3		
B2	18.8	18.1		
B3	21.2	21.3		
B4	8.6	8.5		
B5	17.1	17.2		
B6	17.1	17.2		
B7	16.7	16.6		
B8	7.2	7.2		
B9	9.9	10.0		
FINAL WEIGHT OF BAG (g)		288.1		

¹ obtain "Amount to feed" from Daily Feed Calculation Worksheet

² actual weight of feed offered to fish in test tank

Above weighed on Balance, S/N AEH 75502109 (recorded 10 MAR 15 SUS, see lab data book.)

End wt CONT 5 of 5 : 288.1 g 7/17/12 MPW

Item No. _____

4

AEH-09-MAS-02

RECORD

Aquaflo Medicated
Feed

Prepared 9 JUN 12 SWS

7530-00-222-3525
FEDERAL SUPPLY SERVICE
(GPO)

2012

Printed Name

Signature

Date

Initials

Susan M Schlein

Susan M Schlein

25 JUN 12

SMS

Pr Original Bag

Initial Wt(g)	Amount Removed(g)	Final Wt (g)	Purpose of Removal	Date	Initials
3022.8	909.8	2111.9	FFC 1 of 2	12 JUN 12	SMS
2111.9	935.9	1175.2	FFC 2 of 2	12 JUN 12	SMS
Final wt of bag (disposal) 1185.9			7 JAN 14	SMS	

FFC 1 of 2

① Added wrong numbers 27 JUN 12 SMS

Initial Wt(g)	Amount Removed(g)	Final Wt (g)	Purpose of Removal	Date	Initials
1013.2	408.4	604.8	Analysis sample	25 JUN 12	SMS
* FFC B = 212.0 g			FFC A = 196.7 g	25 JUN 12	SMS
604.9	231.3 92.7	512.0	DAY 0 feed	25 JUN 12	SMS
512.0	220.7 83.9	428.0	DAY 1 feed	26 JUN 12	SMS
427.9	82.6	345.2	DAY 2 feed	27 JUN 12	SMS
345.3	83.9	261.1	DAY 3 feed	28 JUN 12	SMS
261.1	83.7	177.4	DAY 4 feed	29 JUN 12	SMS
177.4	68.4 85.3	108.9	DAY 5 feed	30 JUN 12	SMS

Final wt before disposal 108.5 7 JAN 14 SMS

P

FFC 2 of 2

Initial Wt(g)	Amount Removed(g)	Final Wt(g)	Purpose	Date	Initials
1039.5	16.9	1022.7	DAY 5 feed (B9)	30 JUN 12	SMS
1022.9	85.5	936.9	DAY 6 feed	1 JUL 12	SMS
937.0	86.7	850.2	DAY 7 feed	2 JUL 12	SMS
850.2	87.4	762.5	DAY 8 feed	3 JUL 12	SMS
762.5	88.1	674.3	DAY 9 feed	4 JUL 12	SMS
674.3	571.9	102.4 ^{Empty}	Analysis samples	4 JUL 12	SMS
4 JUL 12 FFC A = 293.7 g		4 JUL 12 FFC B = 278.1 g		4 JUL 12	SMS

Empty container @ disposal 102.0 7 JAN 14 SMS

3

AEH-09-MAS-02

RECORD

Terramycin Medicated
Feed

Prepared 9 JUN 12 SMS

7530-00-222-3525
FEDERAL SUPPLY SERVICE
(GPO)

2012

Printed Name

Susan M Schleis

Signature

Susan M Schleis

Date

12 JUN 12

Initials

SM

Original Bag

Initial wt (g)	Amount Removed	Final wt	Purpose	Date	Initials
3059.0	951.3	2105.6	OTC 1 of	12 JUN 12	SMS
2105.6	1022.5	1083.4	OTC 2 of	12 JUN 12	SMS
Final wt before disposal w/o outer bag		1113.0	OTC 2 of 2	7 JAN 14	SMS
		1093.4	OTC 2 of 2	7 JAN 14	SMS

OTC

1 of 2 Initial wt	Amount Removed	Final wt	Purpose	Date	Initials	
1054.0	404.5	649.6	Analysis	25 JUN 12	SMS	
OTC B = 200.6		OTC A = 204.0		samples	25 JUN 12	SMS
649.6	92.4	556.8	DAY 0 feed	25 JUN 12	SMS	
556.9	87.9	468.8	DAY 1 feed	26 JUN 12	SMS	
468.7	85.4	383.3	DAY 2 feed	27 JUN 12	SMS	
383.5	84.5	299.1	DAY 3 feed	28 JUN 12	SMS	
299.3	82.7	216.4	DAY 4 feed	29 JUN 12	SMS	
216.7	83.1	133.7	DAY 5 feed	30 JUN 12	SMS	
Final Wt before disposal		133.7		7 JAN 14	SMS	

OTC 2 of 2

Initial wt(g)	Amount Removed	Final wt(g)	Purpose	Date	Initial
1124.3	83.4	1050.6	DAY 6 Feed	1 JUL 12	SMS
1050.6	85.0	965.6	DAY 7 Feed	2 JUL 12	SMS
965.5	86.2	879.2	DAY 8 feed	3 JUL 12	SMS
791.4	600.2	191.2	Analysis samples	4 JUL 12	SMS
4 JUL 12 OTC A = 306.5g		4 JUL 12 OTC B = 293.7g		4 JUL 12	SMS

Final wt before disposal 192.3 17 JAN 14 SMS

Tracking sheet for withdrawal from original sample bags

Explanation: The feed sample to be used for determination of any contamination by Romet®, Aquaflor®, or Terramycin 200® for Fish was weighed out on 12Jun12. Originally this entire sample bag was to be sent to Eurofins Labs (now known as Lancaster Labs). It was later determined that a more precise method for the determination of oxytetracycline concentration is used at Covance Laboratories. Therefore a sample of the control feed needed to be sent there. One is to be used for the oxytetracycline contamination check and one is also needed for the analyses that will verify the concentration of the oxytetracycline medicated feed (e.g. for spiked sample quality control checks). All bags are stored at -80°C until shipped.

Original bag weight (g) 12JUN12 CONTA	Amount removed (g) [to Covance]	Sample name for Covance aliquot and total bag wt (g)	Final weight of original bag (g) [to Lancaster]	Date	Initials
2033.3	249.1	CONTAM A = 254.9	1785.6	17SEP12	SMS
1785.6	266.2	CONTROL 1 = 272.6	1520.1	17SEP12	SMS
Weighed on Balance S/N 30303922					

Additionally, the feed samples that were withdrawn for the oxytetracycline concentration verification for the first day and final day of dosing were weighed out into labeled freezer bags. Covance Labs requires the samples to be shipped in a specific sample bag, so withdrawals must be made from the original samples. The table below tracks the withdrawals.

Original bag weight (g) 25JUN12 OTCA	Amount removed (g) [to Covance]	Sample name for Covance aliquot and total bag wt (g)	Final weight of original bag (g)	Date	Initials
216.5	204.2	25JUN12OTCA1 = 210.0	12.3 (empty)	17SEP12	SMS
Weighed on Balance S/N 30303922					

Original bag weight (g) 4JUL12 OTCA	Amount removed (g) [to Covance]	Sample name for Covance aliquot and total bag wt (g)	Final weight of original bag (g)	Date	Initials
313.2	259.7	4JULOTCA1 = 265.6	53.5	17SEP12	SMS
Weighed on Balance S/N 30303922					

AEH-09-MAS-02

FF# 7
Item #
Pg of



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Biological Resources Division
Upper Midwest Environmental Sciences Center
2630 Fanta Reed Road
La Crosse, Wisconsin 54603

MEMORANDUM

Date: January 7, 2014

To: The Record Study Number AEH-09-MAS-02

Subject: Note To File for the study AEH-09-MAS-02 "Field effectiveness of Aquaflor® (florfenicol) and Terramycin 200 For Fish® (oxytetracycline dihydrate) to control mortality in coolwater and warmwater finfish due to Motile Aeromonad infections."

This Note to File is to document the destruction of the unused medicated feed that was prepared for use at Spirit Lake Fish Hatchery in 2011 and 2012. Results of the concentration verification analysis have been received from Eurofins Scientific Inc and placed in the study files so the feed is no longer needed.

Attached is an index of the feed bags and final weights.

Approved by:

Mark P. Gaikowski, M.A.
Study Director, UMESC¹

07 Jan 14
Date

¹ UMESC: U.S. Geological Survey, Upper Midwest Environmental Sciences Center

AEH-09-MAS-02

FF# 7
Item #
Pg of

CERTIFIED COPY

REVIS: SMS Date: 7 JAN 14

Index of bags of medicated fish feed for AEH-09-MAS-02 (2011 trial with MUE)

Batch ID	Preparation date	Final weight (g)	Weighed by: (initial)	On: (date)
FFC-1	14Jul11	292.3	SMS/ARC	BAL BP 311005 S/N 12909582 Model LC 34000P S/N 30303922 7 JAN 14
FFC-2	14Jul11	388.9		
FFC-3	14Jul11	3602.3		
TM-1	14Jul11	These 2 empty bags became saturated with water during storage and could not be weighed.		
TM-2	14Jul11			
End of bucket of TM-2 from 23Jul11	14Jul11	311.5		
TM-3	14Jul11	6506.3		

NOTE: Final weights were also entered in the respective medicate feed log book.

Index of bags of medicated fish feed for AEH-09-MAS-02 (2012 trial with WAE)

Batch ID	Preparation date	Final weight (g)	Weighed by: (initial)	On: (date)
Original bag of Aquaflo medicated feed	9Jun12	1185.9	SMS/ARC	BAL BT ① BAL LC 34000P S/N 30303922 7 JAN 14
FFC 1 of 2	9Jun12	108.5		
FFC 2 of 2	9Jun12	102.0 - empty		
Original bag of Terramycin medicated feed	9Jun12	1093.4 * 1113.0	SMS	7 JAN 14
TM 1 of 2	9Jun12	133.7		
TM 2 of 2	9Jun12	192.3		

The above bags were placed in the freezer for later incineration. Date: 7 JAN 14. Initials: SMS

* 1st wt 2 outer zip-loc 7 JAN 14 SMS

① Wrote down wrong balance information from wrong logbook 7 JAN 14 SMS

FF# 7
Item # _____
Pg _____ of _____

AEH-09-MAS-02

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Initials: SMS Date: 7 JAN 14