

**Form CALC-3: Results Report Form for Use of SE-MARK<sup>®</sup> Under INAD 10-987****INSTRUCTIONS**

- Investigator must fill out Form CALC-3 no later than 30 days after completion of treatment. Study Number must be recorded on all pages of Form CALC-3. Attach lab reports and other information.
- If SE-MARK<sup>®</sup> was not used under the assigned Study Number, fill out only the Site Information portion on this page, and skip to the end of page 3 and fill out only the "Negative Report" section.
- Investigator should keep the original on file, and send a copy to the Study Monitor. Within 10 days of receipt, the Study Monitor should send a copy to the AADAP Office for inclusion in the permanent file.
- Note:** Both Investigator and Study Monitor should sign and date Form CALC-3.

**SITE INFORMATION**

Facility	Fish Hatchery A
Reporting Individual	John Doe

**FISH CULTURE AND DRUG TREATMENT INFORMATION**

SE-MARK <sup>®</sup> lot number	111222	Amount SE-MARK <sup>®</sup> used (ml)	2,000
Treatment option used (see study circle one)		Option A	Option B <b>xxxx</b>
Treatment dosage	5 g/L	Treatment duration	4 min
Pre-treatment with salt solution (circle one)	Yes <b>xx</b> or No	If yes, salt solution conc. (%) and treatment duration (min)	3%; 3 min
Fish species treated	Sockeye	Total number of fish treated	75,000
Ave fish weight (gm or number/pound); circle one used and enter data)	1.5 gm	Average fish length (in)	2.0
Treatment bath vol (gal)	6.3	Number fish per treatment	25,000
Number of rearing units treated	1	Treatment date	5/1/08

**WATER QUALITY PARAMETERS**

Ave pre-treatment temp (°F)	48.4	Dissolved Oxygen (mg/L)	9.0
Ave treatment temp (°F)	48.5	pH	7.8
Ave post-treatment temp (°F)	48.5	Hardness - CaCO <sub>3</sub> (mg/L)	Not taken

**Marking Record - Version 1**

**INSTRUCTIONS**

1. Investigator should fill out the Marking Record as completely as possible.
2. Enter the **"Marking Grade"** for each unit in the proper column to indicate the quality of the mark:  
**3** = readily visible bright green mark; **2** = clearly visible green mark; **1** = dimly visible dull green mark;  
and **0** = no mark.
3. Use additional copies of this form if more than 1 rearing unit/lot is involved in the trial.
4. If more that 15 fish are evaluated, append another copy of this form labeled "continuation sheet"

		Facility:	Fish Hatchery A							
		Rearing Unit ID	SOS 08							
		Number of Fish	75,000							
Fish Number	Date	Days Post Treatment	Pectoral Fin Ray Mark	Pelvic Fin Ray Mark	Opercle Mark	Jaw Mark	Scale Mark	Other Mark (identify)	Observer Initials	
1	5/1	0	3	3	3	3	-	-	JD	
2	5/1	0	3	3	3	3	-	-	JD	
3	5/1	0	3	3	3	3	-	-	JD	
4	5/1	0	3	3	3	3	-	-	JD	
5	5/1	0	3	3	3	3	-	-	JD	
6	5/10	9	3	3	3	3	-	-	JD	
7	5/10	9	3	2	3	3	-	-	JD	
8	5/10	9	2	3	3	1	-	-	JD	
9	5/10	9	3	1	3	3	-	-	JD	
10	5/10	9	3	3	3	0	-	-	JD	
11	8/1	92	1	2	2	3	-	-	JD	
12	8/1	92	0	2	2	3	-	-	JD	
13	8/1	92	2	2	1	3	-	-	JD	
14	8/1	92	3	1	2	3	-	-	JD	
15	8/1	92	1	3	0	3	-	-	JD	

**STUDY  
NUMBER**

10-987-08-XXX

**Page 3 of 3**

**RESULTS:** Describe in detail treatment results. Was treatment successful? If treatment did not appear to be successful, explain why not? Were there any mitigating environmental conditions that may have impacted treatment results? Were there any deviations from the Study Protocol?

Treatment was successful in applying a mark to the treated fish. An excellent mark was seen on all of the checked fish immediately after treatment and on post-treatment day 9. Marks were also observed on fish at 92 days post-treatment.

**Toxicity observations:** Report any apparent drug toxicity including a description of unusual fish behavior.

None observed

**OBSERVED WITHDRAWAL PERIOD OF TREATED FISH:**

**Observed withdrawal period:**  X  21 days

Estimated number of days between last treatment and first availability of fish for human consumption (ensure this time period meets the withdrawal period).

>1yr

**DISPOSITION OF MARKING SOLUTION**

**JD** SE-MARK<sup>®</sup> solution has been stored on-site in a secure, leak-proof container that clearly identifies container contents (Investigator should initial)

SE-MARK<sup>®</sup> solution disposed of by shipment to Emerald Services, Inc., 1825 Alexander Avenue, Tacoma, WA 98451 according to procedures detailed in general Waste-stream Profile #216200B (Investigator should initial)

**NEGATIVE REPORT** SE-MARK<sup>®</sup> immersion marking was not used at this facility under this Study Number during the reporting period. (Investigator should initial for negative reports as soon as the Study Number is known to be no longer needed or valid.)

**Date Prepared:**  8/1/08

**Investigator:**  Sign here

**Date Reviewed:**  8/1/08

**Study Monitor:**  Sign here