**ISSC 2009 Biennial Meeting**
**October 17-23, 2009 – Manchester, New Hampshire**
**Committee Report**

**Committee Name :** Laboratory Methods Review Committee

**Chairperson:** Patti Fowler

**Date of Meeting:** October 18 & 19, 2009

**Roster:**

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| ☒ Patti Fowler | ☒ Bill Kramer |
| ☒ Richard Burrow | ☐ Paula Scott |
| ☒ Mercuria Cumbo | ☐ Gregg Langlois |
| ☒ Carol Dorsey | ☒ Jeff Van De Riet |
| ☐ Leonora Porter | ☒ Steve Plakas |
| ☐ John Schwarz | ☐ Kathleen Wickman |
| ☒ Tom Howell | ☐ John Tennyson |
| ☒ Linda Chandler | ☒ Angela Ruple |
| ☒ Darcie Couture | |

Notes taken by Bill Kramer

Found that a quorum is present for 10/18 and 10/19

Ken opening comments
ISSC could not rely on external lab methods approval groups (or cost – AOAC). So this Committee was created – thank you. Need to consider procedure for removing approval of method. This committee can recommend approval, but only voting delegates can approve a method.

Focus on those methods for which adequate info is available.

**Charge 1:** Proposal 05-107: Real Time PCR Methods for Determining Levels of V parahaemolyticus and V vulnificus.

**Findings:** 05-107 was originally submitted as a place holder for needed Vibrio methods. Proposals have been submitted for Vibrio lab methods for consideration by the conference.

**Conclusions:** There is no longer a need for this place holder and the committee should recommend no action. No new information will be presented in support of this proposal.

**Recommendations:** No action. Rationale addressed by Proposals 09-102, 09-103

**Charge 2:** Proposal 05-108: Real Time PCR Method for Determining Levels of V parahaemolyticus.

**Findings:** Additional information requested by the Committee has not been received. Original submitter is no longer available to provide additional information.

**Conclusions:** Additional information requested by the Committee has not been received. If new data become available to support this method, it should be submitted as a new proposal following the single laboratory validation protocol.

**Recommendations:** No Action. Rationale: not enough data provided for approval. Additional information requested by the Executive Office has not been provided.

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| **Charge 3:** | Proposal 05-109: Rapid Screening Method for ASP. |
| **Findings:** | Have not received requested additional information in support of this method. Original submitter no longer works for the company. Communications with the new owner indicated there was no interest in providing additional information for this proposal at this time. |
| **Conclusions:** | |
| **Recommendations:** | No Action. Rationale: requested additional information has not been submitted. |
| **Charge 4:** | Proposal 05-111: Rapid Extraction Method for PSP and ASP |
| **Findings:** | Have not received requested additional information. Original submitter no longer works for the company. Communications with the new owner indicated there was no interest in providing additional information for this proposal at this time. |
| **Conclusions:** | |
| **Recommendations:** | No Action. Rationale: requested additional information has not been submitted |
| **Charge 5:** | Proposal 05-114: Microbiology Method to Determine the Presence of Male Specific Coliphage in Shellfish Meats and the Microbiology |
| **Findings:** | Additional information was submitted to the committee for consideration (see attached)<br>Review of the newly submitted data under the SLV Protocol, indicated that the method is acceptable for its intended use |
| **Conclusions:** | Sufficient data have been provided subsequent to the initial proposal submission for acceptance of the MSC method as presented for soft shell clams and oysters impacted by wastewater treatment plant effluent as Type IV method |
| **Recommendations:** | Adopt the substitute MSC method as presented for soft shell clams and oysters impacted by wastewater treatment plant effluent as a Type IV method |
| **Charge 6:** | Proposal 05-115: Thermazyme™ ACP Test for Use on Thermally Processed Shellfish Products |
| **Findings:** | The ISSC granted money to the Pennsylvania Dept of Agriculture to establish methodology and validation of the Thermazyme ACP Test. The testing has not been done due to manpower issues. The PA Dept. of Agriculture has re-aligned priorities and plans to begin testing in January, 2010. This proposal can act as a place holder for the method. NY has continued working on additional information in support of this proposal. |
| **Conclusions:** | The committee would like to review new data prior to making a decision on adoption of this proposal. |
| **Recommendations:** | Refer Proposal 05-115 to the appropriate Committee to review new data as it becomes available. |
| **Charge 7:** | Proposal 05-305: Post Harvest Processing Approved Laboratory Methods |

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| **Findings:** | The proposal as submitted indicates that methods can be approved by the LMRC. |
| **Conclusions:** | 1. The language "approve by the Laboratory Methods Review Committee" should be changed to "approve by the Conference" for NSSP use.<br>2. The strikeout should be replaced with the language in 09-229 |
| **Recommendations:** | Take no action on 05-305 if 09-229 is approved; otherwise refer 05-305 to appropriate committee. |
| **Charge 8:** | Proposal 05-306: Approved NSSP Laboratory Tests Microbiological and Biotoxin Analytical Methods |
| **Findings:** | Revise language referring BAM with methods "approved" by LMRC with "the Conference" |
| **Conclusions:** | |
| **Recommendations:** | Request the language "approved by the Laboratory Methods Review Committee" be replaced with "approve for use in the NSSP"<br>Rational – LMRC cannot approve lab methods they can recommend approval by the conference. |
| **Charge 9:** | Proposal 07-103: Laboratory Methods (Vibrio vulnificus and Vibrio parahaemolyticus) |
| **Findings:** | This proposal addresses a change that is also addressed in proposal 09-229 to remove a method that is no longer available and replace with methods that have interim approval. |
| **Conclusions:** | |
| **Recommendations:** | Recommend TF1 not take action on 07-103 until the outcome of Proposal 09-229. If 09-229 is adopted by TF2 then TF1 should take No Action on 07-103. If no action is taken on 09-229 then request TF1 to refer 07-103 to the appropriate committee. |
| **Charge 10:** | Proposal 07-104: Adoption of ELISA as a Type I NSSP Analytical Method to Replace the Mouse Bioassay for NSP |
| **Findings:** | |
| **Conclusions:** | |
| **Recommendations:** | No Action. Rationale - no data has been submitted |
| **Charge 11:** | Proposal 07-105: Adoption of LC-MS as a Type I NSSP Analytical Method to Replace the Mouse Bioassay for NSP |
| **Findings:** | |
| **Conclusions:** | |
| **Recommendations:** | No Action. Rationale – additional information requested has not been submitted. |

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| **Charge 12:** | Proposal 07-106: Receptor Binding Assay (rba) for PSP as a Type I NSSP Analytical Method |
| **Findings:** | |
| **Conclusions:** | |
| **Recommendations:** | No Action. No new data has been submitted. If new data become available a new proposal will be submitted in the SLV format. |
| **Charge 13:** | Proposal 09-102: Alternative Analytical Method for *Vibrio vulnificus*, *Vibrio cholerae*, *Vibrio parahaemolyticus* **RESEARCH NEED INCLUDED** |
| **Findings:** | |
| **Conclusions:** | Still need data in the form of a SLV, including precision, sensitivity, and reliability |
| **Recommendations:** | Refer to appropriate committee. Rationale, additional data under development. |
| **Charge 14:** | Proposal 09-103: Alternative Analytical Method for *Vibrio vulnificus* |
| **Findings:** | Submitter needs to submit step-by-step procedures for method and the manufacturer's ruggedness data. |
| **Conclusions:** | |
| **Recommendations:** | Accept Proposal 09-103 SYBR Green 1 QPCR-MPN in conjunction with the PHP of oysters as a Type IV method provided the information on the step-by-step procedures and the manufacturers ruggedness data are submitted within 30 days. |
| **Charge 15:** | Proposal 09-104: Method for the Determination of Paralytic Shellfish Toxins (PST) in Shellfish |
| **Findings:** | Additional information was submitted addressing the questions raised by the LMRC. |
| **Conclusions:** | Accept post-column oxidation (PCOX) method for PST for mussels, clams, oysters, scallops as a Type IV method. |
| **Recommendations:** | Adopt Proposal 09-104 post-column oxidation HPLC method to detect PST for mussels, clams, oysters, scallops as a Type IV method. |
| **Charge 16:** | Proposal 09-105: Quantitative Immunoassay for the Detection of Domoic Acid Test **RESEARCH NEED INCLUDED** |
| **Findings:** | Received information from submitter that they have begun a SLV in response to LMRC request for additional information. |
| **Conclusions:** | |

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| **Recommendations:** | Refer Proposal 09-105 to the appropriate committee. |
| **Charge 17:** | Proposal 09-106: Lab Method Application - Brevetoxin (NSP) ELISA Kit |
| **Findings:** | |
| **Conclusions:** | |
| **Recommendations:** | No Action. Rationale insufficient data |
| **Charge 18:** | Proposal 09-107: Lab Method Application – Saxitoxin (PSP) ELISA Kit |
| **Findings:** | |
| **Conclusions:** | |
| **Recommendations:** | No Action. Rationale insufficient data |
| **Recorder:** | Bill Kramer, EPA |
| **Approved by:** | |