[Insert Logo here]

Laboratory Name

MDH State Lab Code

EPA Lab ID

NPDES Permit Number (if applicable)

# Demonstration of Capability (DOC) Form for Microbiology

**Do not use this form for Chemistry DOCs. This form is intended as guidance only.**

**For specific requirements, please refer to** [**2009 TNI Standard, Vol. 1, Module 4**](http://nelac-institute.org/content/CSDP/standards.php)

Reference Method (with revision number and effective date)

SOP Number (with revision number and effective date)

**DOC Type**: [ ]  Initial [ ]  Ongoing

**Reason(s) for this DOC**:

[ ]  New Method

[ ]  Change to Procedure

[ ]  New Analyte Added to SOP

[ ]  New Analyst

[ ]  Annual Demonstration (Ongoing)

**DOC Data Source**:
(What procedure did you use to perform this study?)

[ ]  Proficiency Testing Study (unknown to lab and analyst) Study ID: \_\_\_\_\_\_\_\_\_\_

[ ]  Control Organism (Standard Methods 9020-97)

[ ]  QC Sample (e.g. Lab Control Sample, Lab Fortified Blank) **Note**: The QC may be analyzed concurrently or over a series of days.

[ ]  Monitor Trends (e.g. review of control charts)

☐ Duplicate Aliquots

☐ Other

**Target Organisms:** (check all that apply)

[ ]  Total Coliform

[ ]  E. coli

[ ]  Fecal Coliform

[ ]  Other

Matrix

Reported Units

**Summary Chart**

(Only to be used for duplicate aliquots for the data source. For all other DOC data sources, including presence/absence tests, attach a copy of the raw data to this form. Acceptance limits must meet the criteria in your Quality Manual.)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Analysis Date | Lab Sample ID | Analyst 1 Recovered Value | Log of Analyst 1 Recovered Value | Analyst 2 Recovered Value | Log of Analyst 2 Recovered Value | Pass/Fail\* |
| 1 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |

**□ PASS □ FAIL**

Analyst Name (print) Analyst Signature Approval Date

Reviewer/Manager Name (print) Reviewer/Manager Signature Approval Date

*Effective Date:
Edited by MNELAP, 2013*