## **CORRECTIVE ACTION (CA) FORM**

## LABORATORY NAME: \_\_\_\_\_ EPA ID:

## DEPARTMENT OR ANALYSIS TYPE:

## EVENT NAME / CATEGORY

Example names / categories: QC failure; PT failure; customer complaint; sample mishandled by lab; instrument malfunction; reporting error, deviation from procedure, etc. THE LOG NUMBER IS A UNIQUE IDENTIFIER ASSIGNED BY THE LABORATORY.

#### RESPONSIBLE SUPERVISOR / MANAGER:

## PERSON COMPLETING CA FORM (NAME, TITLE): \_\_\_\_\_ DATE:

The QA Manager retains all Corrective Action reports in an organized system. The Log # is used to ensure all CAs are uniquely identified. Filing records by Log # is recommended; complete records will account for all Log #s. The Event Name/Category is used to track CAs for trends/patterns.

## **RECORD INFORMATION BELOW OR ATTACH ADDITIONAL SHEETS. PROVIDE DOCUMENTATION WHENEVER POSSIBLE.**

## **EVENT DESCRIPTION:**

State the REQUIREMENT in regulation, method, or laboratory procedure that was not met. Describe the EVIDENCE of the nonconforming event or analysis result. Fully describe the PROBLEM. Attach any documentation that supports and/or supplements this description. (If PT Failure, attach copy of PT report.)

### **EVENT RESPONSE / INVESTIGATION STEPS:**

Indicate the response(s) to the nonconformance, including the immediate CORRECTION taken, all processes or raw data reviewed, QA or Management staff notified, analysis repeated, analysis halted, etc. (Include details of staff member notified, date and time of notification, customer or outside involvement, analysis data. etc.)

### **ROOT CAUSE DETERMINATION:**

State the ROOT CAUSE (reason) for the nonconformance with the analysis or process. (Root cause determination is generally a 'brainstorming' process - first list all possibilities, then select the most probable cause or causes.)

LOG #

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#### ACTION(S) TAKEN TO RESOLVE ISSUE AND PREVENT RECURRENCE: Include SOP revision, staff

training, purchase of standards or equipment, document/form revision, etc.

|   | Contact               | Proposed               | Date      | Evidence Of       |
|---|-----------------------|------------------------|-----------|-------------------|
| Corrective Action(s)                          | Person<br>Responsible | Implementation<br>Date | Completed | <u>Completion</u> |
|   | Responsible           | Date                   |           |                   |
|   |                       |                        |           |                   |
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| Additional Comments/Supplemental Information: |                       |                        |           |                   |
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|   |                       |                        |           |                   |

| Submitted By: |                                   | Date: |
|---------------|-----------------------------------|-------|
|               | Responsible Supervisor or Manager |       |
| Reviewed By:  |                                   | Date: |

By signature and comments below, the QA Manager and Laboratory Director or Technical Manager approve this corrective action plan and the proposed implementation date(s) given. The QA Manager or designee will provide followup until the corrective action is closed with documentation/evidence of completion as noted above.

|  | Quality Assurance Manager                |       |  |  |  |  |
|--|--|-------|--|--|--|--|
| Approved By:   |  | Date: |  |  |  |  |
|  | Laboratory Director or Technical Manager |       |  |  |  |  |
| Approved By:   |  | Date: |  |  |  |  |
| Reviewer Comments or Additional Actions Recommended: |  |       |  |  |  |  |
|  |  |       |  |  |  |  |
|  |  |       |  |  |  |  |

**Closing the Corrective Action**: The QA Manager is responsible for <u>effectiveness review</u>. The CA should stay OPEN for a sufficient time to ensure all stated actions were taken and address/solve the initial issue.

Follow-up Review Notes: \_\_\_\_\_

|  |  |  |  | [ | Date: |  |
|--|--|--|--|---|-------|--|
|  |  |  |  |   |       |  |
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