



**Southwest Research Institute®
Nonconformance Report**



IDENTIFICATION		
Submitted By: Brient, Robert D.	Date: 15-JUL-10	Report Number: 2010-NCR-0169
Division: 20 – GEOSCIENCES & ENGINEERING 01.05: CNWRA TECHNICAL RESOURCES		Project Number: 14002.01.021
Quality Program: GED (20) QAM		
Associated Report: N/A		
Responsible Organization: SwRI Responsible		
Defect Code: Failure to follow procedure		
10 CFR Part 21 Reportable: No		
Description of the Nonconformance: Control of Chemical Reagents and Standards No effective process for identifying and disposing of expired chemicals Three (3) buffer solutions expired 3/2010 not marked to allow retention Requirement: TOP-012, Identification and Control of Samples and Chemical Reagents and Standards, Section 4.5.4		
Issued To: Gordon Wittmeyer		Response Due Date: 29-JUL-10
SwRI cc: Axler, Keith M (20), Bertetti, Franklin P. (20), Chowdhury, Asadul H. (20), Ferrill, David A. (20), He, Xihua (20), Lenhard, Robert J (20), Mohanty, Sitakanta (20), Patrick, Wesley C. (20), Percy, English C. (20), Sagar, Budhi (20), Walter, Gary R (20), Wittmeyer, Gordon W. (20)		
RESPONSE(S)		
Disposition: Scrap		
Customer Approval of Disposition Required? NO		
Proposed Action to Address Nonconformance: Following discussions with laboratory personnel and QA staff we are modifying the response to include the revised text for section 4.5.4 of TOP-012. The new text for section 4.5.4 reads as shown below. Chemical reagents and standards having stated expiration dates on their labels shall not be used after the expiration date. Staff selecting chemical reagents and standards for use shall examine the label for an expiration date and dispose of the material if the expiration date has passed. Every three months, assigned laboratory personnel shall examine their entire inventory of chemical reagents and standards and dispose of expired materials. In addition, they shall clearly identify materials expiring in the upcoming three months to warn potential users of the possibility that the material may be expired. Expired materials shall be disposed in accordance with applicable safety and environmental requirements and regulations.		
Response By: Wittmeyer, Gordon W.	Date: 27-JUL-10	Target Date for Action: 31-AUG-10
APPROVALS		
Management Approval: Sagar, Budhi		Date: 27-JUL-10
QA Approval: Brient, Robert D.		Date: 30-JUL-10
VERIFICATION		
Verification of Action Taken: A revised TOP-012, Rev. 5, Chg. 2, has been issued in the Division 20 Electronic Library Facility, effective 12/10/2010. This change includes revised sections 4.5.4 through 4.5.7, which define an improved process for identifying and disposing of expired chemicals. (See TOP-012, Rev. 5, Chg. 2, attached.)		
Verified By: Hawkins, Frederick W		Date: 08-DEC-10