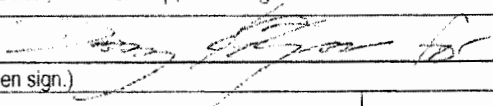


General
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ERID 095189

Oral Communication Record			
Date: January 11 and 25, 2007	Time: 11:15 and 15:21 <input checked="" type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Author: Jeff Heikoop	
Communication With: Dr. Tom Johnson	Communication: <input type="checkbox"/> Conversation <input checked="" type="checkbox"/> Telephone	Catalog No: 200 - (External Document Only)	
Subject: Chromium Isotopes			
Telephone Number Called: 217-244-2002		Affiliation: University of Illinois	
Other Pertinent Information:			
<p>Discussion Summary:</p> <p>Two telephone conversations between Jeff Heikoop of LANL and Dr. Tom Johnson of the University of Illinois were conducted regarding measurement of chromium isotopes in surface water and ground water. The discussions pertained to the effectiveness of the chromium isotope method to accurately measure the isotopes in samples with low concentrations of dissolved chromium. Tom indicated that at concentrations of less than 10 ppb, the method might be problematic, but that he was willing to try. Additionally, Tom communicated that at low concentrations, interference by dissolved organic carbon (DOC) could create a problem with accuracy.</p>			
Action Item		Action Resolution/Completion	
1. LANL provided Dr. Johnson with dissolved chromium and DOC concentrations in surface water and groundwater.		1. Information was provided to Dr. Johnson and he is preparing to analyze water samples for chromium isotopes submitted to his laboratory from LANL.	
2.		2.	
3.		3.	
4.		4.	
5.		5.	
Distribution List: RPF, Danny Katzman, Jeff Heikoop, Pat Longmire			
Author's Signature: Jeff Heikoop 		1/29/07	
(Print name, then sign.)		(Date)	
QP-4.12, R0		Los Alamos National Laboratory Environmental Restoration	



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