

ATTACHMENT H

Testing for Lead in Drinking Water of Schools and Child Care Facilities Summarized Data Flow Scheme

Appropriate Test Selection

Local project coordinator maintains a progressive record of qualified participating schools and child care facilities.
Qualified participating schools and child care facilities request sample containers for lead analysis from local project coordinator.
Local project coordinator forwards the request to NPHEL no more often than once per week using DW and NPHEL acceptable format.



Laboratory Action

NPHEL prepares and sends sample kit to participating schools and child care facilities.



System Owner Responsibility

System collects sample and returns it to the Laboratory.



Sample Received by NPHEL

Sample logged in when received.
Sample demographics entered into database.
Sample analyzed.
Data reviewed; outliers flagged and evaluated through QA/QC.
Results reported.
Results entered into computer database.



Sample Result Interpretation

Copy of test result sent from NPHEL to submitter.
DW runs query from LIMS, retrieves list of lead exceedances, reviews results.
DW determines results exceeding the EPA Lead Action Level of 15 µg/L.
DW Program provides a summary of analysis results to local health departments for participating schools and child care facilities in their respective region.
DW distributes educational material on health risks of lead exposure to local project coordinator, local project coordinator distributes material to school and/or child care staff to ensure that those in the care of children are aware of methods to reduce lead exposure, and to assist in decisions on corrective actions to address potential sources of lead contamination in drinking water.