NHEXAS Phase I Arizona Study List of Study Documents: Protocols and SOPs March, 2002

ID#	Title
22956	NHEXAS Phase I Arizona StudyQuality Systems and Implementation Plan (QSIP).
22961	NHEXAS Phase I Arizona StudyList of Study Documents: Protocols and SOPs
22962	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation and Maintenance of the LAN and Related Microcomputer Environment (UA-D-1.1)
22963	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Performance of Computer Software: Verification and Validation (UA-D-2.0)
22964	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Standard Operating Procedure for Defining Working Databases and Data Entry Forms (Hand Entry) (UA-D-3.0)
22965	NHEXAS Phase I Arizona StudyStandard Operating Procedure for The Generation and Operation of Data Dictionaries (UA-D-4.0)
22966	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Global Coding used by NHEXAS Arizona (Hand Entry) (UA-D-5.0)
22967	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Descriptive Questionnaire (UA-D-6.0)
22968	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Baseline Questionnaire (Household) (UA-D-7.0)
22969	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Baseline Questionnaire (Individual) (UA-D-8.0)
22970	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Time Diary and Activity Questionnaire (UA-D-9.0)
22971	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Food Diary Follow Up (UA-D-10.0)
22972	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Follow Up Questionnaire (UA-D-11.0)
22973	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Weekly Activity Follow Up (Individual) (UA-D-12.0)
22974	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Arizona Lab Data (UA-D-13.0)
22975	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding and Coding Verification (Hand Entry) (UA-D-14.0)

22976	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Data Entry and Data Verification (Hand Entry) (UA-D-15.0)
22977	NHEXAS Phase I Arizona StudyStandard Operating Procedure for First Stage of Cleaning Electronic Data (Hand Entry) (UA-D-16.0)
22978	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Descriptive Questionnaires (UA-D-17.0)
22979	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Baseline Questionnaires (UA-D-18.0)
22980	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Baseline Questionnaires-Individual (UA-D-19.0)
22981	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Time Diary and Activity Questionnaire (UA-D-20.0)
22982	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Food Diary Follow Up (UA-D-21.0)
22983	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Follow Up Questionnaire (UA-D-22.0)
22984	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Weekly Activity Follow UpIndividual (UA-D-23.0)
22985	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Arizona Lab Data (UA-D-24.0)
22986	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Correcting Electronic Data (Hand Entry and Scanned) (UA-D-25.0)
22987	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Electronic Data QA Check (Hand Entry and Scanned) (UA-D-26.0)
22988	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Instructions for the Addition of Individual Cleaned Non Scanned Data Batches to Master Databases (UA-D-27.0)
22989	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Tracking System (UA-D-28.0)
22990	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Transfer and Receipt Data (UA-D-29.0)
22991	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Scannable Form and Data Base Definition (UA-D-30.1)
22992	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Global Coding for Scanned Forms (UA-D-31.1)
22993	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation and Maintenance of Data Scanners (UA-D-32.1)

22994	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Light Pen Operation and Verification of Scanned Bar Codes (UA-D-33.0)
22995	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Scanning and Verifying Forms and Questionnaires (UA-D-34.0)
22996	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Technician Walk-Through Questionnaire (UA-D-35.0)
22997	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Technician Walk-Through Questionnaire (UA-D-36.0)
22998	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Field Forms (UA-D-37.0)
22999	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: Field Forms (UA-D-38.0)
23000	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: 24-Hour Food Diary (Hand Entry) (UA-D-39.0)
23001	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning: 24 Hour Food Diary (Hand Entry) (UA-D-40.0)
23002	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Database Tree and Data Sources (UA-D-41.0)
23003	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Instructions on the Completion of Scannable Forms (UA-D-42.1)
23004	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Diet Diary Questionnaire (UA-D-43.0)
23005	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation Manual of the Mass Data Massage Program (UA-D-44.0)
23006	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning Diet Diary Questionnaire (UA-D-45.0)
23007	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Coding: Questionnaire Feedback Form (UA-D-46.0)
23008	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning Questionnaire Feedback Form (UA-D-47.0)
23011	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation and Maintenance of Computer Equipment for IIT NHEXAS (IIT-A-1.0)
23012	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Performance of Computer Software: Verification and Validation (IIT-A-2.0)
23013	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Performance of Analysis on NHEXAS Data (IIT-A-3.0)

23014	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Calibration and Operation of Balances (UA-L-1.2)
23015	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Weight Room Operation and Maintenance (UA-L-2.1)
23016	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Still Operation and Maintenance (UA-L-3.1)
23017	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Maintenance and Temperature Verification of Refrigerated Units for Sample Storage (UA-L-4.1)
23018	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Standard Protocol for Cleaning Laboratory and Field Sampling Apparatus (UA-L-5.1)
23019	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Calibration of Harvard PM Samplers (UA-L-6.1)
23020	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Harvard PM Impactor Calibration and Leak Testing (UA-L-7.1)
23021	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Preparation of PM and URG Impactors and Impaction Plates (UA-L-8.1
23022	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Filter Weighing (UA-L-9.1)
23023	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation, Calibration and Routine Use of the Spectrace 9000 Field Portable X-ray Fluorescence Analyzer (UA-L-10.1)
23024	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Soil Characterization (UA-L-11.1)
23025	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Vacuum Dust Characterization (UA-L-12.1)
23026	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Food Sample Comparison with Diary and Shipment (UA-L-13.1)
23027	NHEXAS Phase I Arizona StudyStandard Operating Procedure for HHID and IRN Assignment (UA-F-1.0)
23028	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Preparation of Field Bucket and Equipment Assignment (UA-F-2.1)
23029	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Field Use of the Particulate Sampler (UA-F-3.1)
23030	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation, Calibration and Maintenance of the Sentex Scentogun Portable Photoionization Detector (UA-F-4.1)
23031	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Field Collection of Yard Composite Soil Samples (UA-F-5.1)

23032	Residential Foundation Soil Samples (UA-F-6.1)
23033	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Field Collection of Indoor Floor Samples and Post Field Sample Handling (UA-F-7.1)
23034	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Collection of Surface Wipe Samples for Pesticides or Metals (UA-F-8.1)
23035	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Collection of Dermal Wipe Samples for Pesticides or Metals (UA-F-9.1)
23036	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Field Use of the Modified Air Sentinel (UA-F-10.1)
23037	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Use of the Active VOC Sampler for the Collection of Airborne VOCs at Fixed Indoor and Outdoor Sites (UA-F-11.1)
23038	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Use of a Passive Sampling Devise for the Collection of Airborne VOCs at Fixed Indoor and Outdoor Sites (UA-F-12.0)
23039	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Collection of Fixed Site Indoor and Outdoor Formaldehyde Passive Samples (UA-F-13.1)
23040	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Collection of Personal Air Samples for Analysis of Pesticides or Metals (UA-F-14.0)
23041	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Field Collection of Food and Beverage Samples (UA-F-15.1)
23042	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Collection, Storage and Shipment of Drinking and Tap Water Samples for Trace Metals (EPA Method 200.8) (UA-F-16.1)
23043	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Collection, Storage and Shipment of Drinking and Tap Water Samples for Pesticides (EPA 225.2) and Carbaryl (EPA 531.1) (UA-F-17.1)
23044	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Collection, Storage and Shipment of Drinking and Tap Water Samples for VOCs (EPA Method 524.2) (UA-F-18.1)
23045	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Collection, Storage and Shipment of Blood Samples for Selected Metals and VOCs (UA-F-19.1)
23046	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Collection, Storage and Shipment of Urine Samples for Selected Metals and Pesticides (UA-F-20.1)
23047	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Thin Film Collection of Dust and Soil for Metals Analysis (UA-F-21.0)
23048	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation and Initialization of the Magellan GPS Satellite Navigator (UA-F-22.1)

23049	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Reimbursement for Field Collection of Food Samples (UA-F-23.1)
23050	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Preparation of Standard Operating Procedures (SOPs) (UA-G-1.0)
23051	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Isolation of Malfunctioning or Damaged Equipment (UA-G-2.0)
23052	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Assurance of Respondent Confidentiality (UA-G-3.1)
23053	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Archive Procedure for Study Samples (UA-G-4.0)
23054	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Receipt of Equipment and Implementation Supplies (UA-G-5.0)
23055	NHEXAS Phase I Arizona StudyStandard Operating Procedure for the Transmittal of Sampling Materials from Battelle (BCO-G-1.0)
23056	NHEXAS Phase I Arizona StudyStandard Operating Procedure for the Receipt of Samples or Reference Compounds (BCO-G-2.1)
23057	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Verification and Transfer of Data to UA (BCO-G-3.1)
23058	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Training Guide and Exposition of Interviewer Responsibilities and Behavior (UA-T-1.0)
23059	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Administering Field QxGeneral (UA-T-2.0)
23060	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Field Personnel TrainingGeneral (UA-T-3.0)
23061	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Field Personnel Training Plan (UA-T-4.0)
23062	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Student Data Assistant Training Plan (UA-T-5.0)
23063	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Laboratory Assistant Training PlanGeneral (UA-T-6.0)
23064	NHEXAS Phase I Arizona StudyStandard Operating Procedure for General Laboratory Training PlanBattelle (BCO-T-1.0)
23065	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Custody of Field Samples (UA-C-1.0)
23066	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Form QA/QC Checks (UA-C-2.0)

23067	Custody and Transfer to Data Section (UA-C-3.0)
23068	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Batching of Field Data Forms (UA-C-4.0)
23069	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Flow and Custody of Field Data Forms (UA-C-5.0)
23070	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Keypunch Tracking, Custody and Data Transfer (UA-C-6.0)
23071	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Batching of Lab Data (UA-C-7.0)
23072	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Flow and Custody of UA Laboratory Data (UA-C-8.0)
23073	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Analysis of Soil or House Dust Samples using Chlorpyrifos ELISA Samples (BCO-L-1.0)
23074	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Preparation of Filters and PUF for Field Collection of Metals and Pesticides in Air (BCO-L-2.0)
23075	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Extraction of Metals from Soil, Dust, Air Filter, and Surface and Dermal Samples for AA (Graphite Furnace or Flame) or ICP-AES Analysis (BCO-L-3.1)
23076	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Sample Extract for Metals by ICA (BCO-L-4.0)
23077	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation, Calibration and Maintenance of the Perkin-Elmer 1100B Atomic Absorption Spectrometer (BCO-L-5.1)
23078	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation, Calibration and Maintenance of the Perkin-Elmer Zeeman/5000 System Atomic Absorption Spectrometer (BCO-L-6.0)
23079	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation, Calibration and Maintenance of the Jobin-Yvon Model 70 Inductively Coupled Plasma Atomic Absorption Spectrometer (BCO-L-7.1)
23080	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation, Calibration and Maintenance of the Thermo Jarrell ICAP 61-975 Plasma AtomComp Emission Spectrometer (BCO-L-8.0)
23081	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Operation, Calibration and Maintenance of Fixed and Adjustable Volume Pipette Guns (BCO-L-9.0)
23082	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Cleaning Glassware to be used for Inorganic Metals Analysis (BCO-L-10.0)
23083	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Extraction of Air Samples for GC/MS Analysis of Pesticides (BCO-L-11.0)

23084	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Extraction of Pesticides from Dermal Wipe Samples (BCO-L-12.1)
23085	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Extraction of Pesticides from Surface Wipe Samples (BCO-L-13.0)
23086	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Extraction of Soil/House Dust for GC/MS Analysis of Pesticides (BCO-L-14.0)
23087	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Analysis of Pesticide Samples by GC/MS (BCO-L-15.1)
23088	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Analysis of Passive Formaldehyde Samplers (BCO-L-16.0)
23089	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Analysis of Volatile Organic Compounds Collected with a Passive Sampler (BCO-L-17.1)
23090	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Preparation of Multisorbent Tubes for Actively-Pumped VOC Samplers (BCO-L-18.1)
23091	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Analysis of Active VOC Samples (BCO-L-19.0)
23092	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Preparation of Dermal Wash for Pesticides and Metals (BCO-L-20.0)
23093	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Preparation of Calibration and Surrogate Recovery Solutions for GC/MS Analysis of Pesticides (BCO-L-21.1)
23094	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Analysis of 3-Phase Multisorbent Samplers for VOCs (BCO-L-22.1)
23095	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Calibration, Maintenance and Operation of Electronic Balances (BCO-L-23.0)
23096	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Analysis of Pesticide Samples by GC/ECD (BCO-L-24.0)
23097	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Freezer Maintenance and Temperature Verification for Sample Integrity (BCO-L-25.0)
23098	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Extraction of Air Samples for GC/MS Analysis of Pesticide and PAH (BCO-L-27.0)
23099	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Extraction of Soil and House Dust Samples for GC/MS Analysis of Pesticide and PAH (BCO-L-28.0)
23100	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Analysis of 2-Phase Mutisorbent Samplers for VOCs (BCO-L-31.0)
23101	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Standard Operating Procedure for Treatment of Censored Data (IIT-A-4.0)

23102	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Estimating Inhalation Exposures to Chlorpyrifos and Diazinon (IIT-A-5.0)
23103	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Calculating Ingestion Exposure From Day 4 Composite Measurements, The Direct Method of Exposure Estimation (IIT-A-6.0
23104	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Calculating Ingestion Exposure Estimating Ingestion Exposure, The Indirect Method of Exposure Estimation (IIT-A-7.0)
23105	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Conversion of Servings to Kilograms (IIT-A-8.0)
23106	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Sampling Weight Calculation (IIT-A-9.0)
23107	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Sampling Weight Adjustment (IIT-A-10.0)
23108	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Dermal Exposure Calculation (IIT-A-11.0)
23109	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Time Activity Calculation (IIT-A-12.0)
23110	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Probabilistic Approach of Exposure Calculation of Dermal Exposure (IIT-A-13.0)
23111	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Probabilistic Approach for Estimating Inhalation Exposures to Chlorpyrifos and Diazinon (IIT-A-14.0)
23112	NHEXAS Phase I Arizona StudyStandard Operating Procedure for Probabilistic Approach For Calculating Ingestion Exposure From Day 4 Composite Measurements, Direct Method of Exp Estimation (IIT-A-15.0)
23118	NHEXAS Phase I Arizona StudyStandard Operating Procedure Compendium of Method Summaries for Collection and Analysis of Metals, Pesticide Metabolites, and VOCs in Blood and Urine (CDC-Compendium)
23119	NHEXAS Phase I Arizona StudyStandard Operating Procedure Compendium of Methods for Analysis of Metals, VOCs, and Pesticides in Water (EPA-Compendium)
23120	NHEXAS Phase I Arizona StudyStandard Operating Procedure Compendium of Methods for Analysis of Trace Metals and Pesticides in Dietray Samples Using Total Diet Study Procedures (FDA-Compendium)