

## **NHEXAS PHASE I MARYLAND STUDY**

### **List of Available Documents: Protocols and SOPs**

**1. QUALITY SYSTEMS AND IMPLEMENTATION PLAN**

<b>SOP Number</b>	<b>Entry ID</b>	<b>Title</b>
HSPH QSIP	22848	Quality Systems and Implementation Plan

**2. SAMPLE COLLECTION AND FIELD OPERATIONS PROCEDURES**

<b>SOP Number</b>	<b>Entry ID</b>	<b>Title</b>
F01	22849	Field Sampling--General Information
F02	22850	Collection, Storage, and Shipment of Indoor and Outdoor Air Samples for Metal, Pesticide, and PAH Analysis
F03	22851	Collection, Storage, and Shipment of Personal Air Samples for Metal Analysis
F04	22852	Collection, Storage, and Shipment of House Dust Samples for Metal, Pesticide, and PAH Analysis
F05	22853	Collection, Storage, and Shipment of Soil Samples for Metal, Pesticide, and PAH Analysis
F06	22854	Collection, Storage, and Shipment of Dermal Wipe Samples for Metal and Pesticide Analysis (F06)
F07	22855	Collection, Storage, and Shipment of Drinking or Tap Water Samples for Metal and Pesticide Analysis
F08	22856	Collection, Storage, and Shipment of Duplicate Diet Samples for Metal, Pesticide, and PAH Analysis
F09	22857	Administration and Analysis of Food Checklist and Purchase of Mini-Market Basket Food
F10	22858	Collection, Storage, and Shipment of Urine Samples for Metal, Pesticide, and Creatinine Analysis
F11	22859	Collection, Storage, and Shipment of Blood Samples for Metal, Pesticide, PAH, VOC, and Lipid Analysis
F12	22860	Duplicate Sampling

**3. SAMPLE ANALYSIS AND GENERAL LABORATORY PROCEDURES**

<b>SOP Number</b>	<b>Entry ID</b>	<b>Title</b>
L01	22861	Purchase of Consumables
L02	22862	Cleaning of Glass and Plastic Containers
L03	22863	Operation of an Ultra-High Purity Water System
L04	22864	Balance Operation
L05	22865	Sieving and Division of Dust and Soil Samples
L06	22866	Extraction of Metals from Sampling Media
L07	22867	Analysis of Metals by GF-AAS
L08	22868	Analysis of Metals by ICP-MS
L09	22869	Preparation of Exposure Media (PUFs and Quartz Fiber Filters) for Air Samplers for Pesticide and PAH Collection
L10	22870	Extraction of Neutral Pesticides and PAHs from Air Sampling Media
L11	22871	Extraction of Neutral Pesticides and PAHs from House Dust and Soil
L12	22872	Extraction of Neutral Pesticides from Isopropanol Dermal Wipes
L13	22873	Extraction of Neutral Pesticides from Drinking Water
L14	22874	Determination of Pesticides and PAHs by GC/MS
L15	22875	Preparation of Food and Beverages by Homogenization
CDC Compendium	22892	Standard Operating Procedure--Compendium of Method Summaries for Collection and Analysis of Metals and VOCs in Blood and Urine
EPA Compendium	22893	Standard Operating Procedure--Compendium of Methods for Analysis of Metals and VOCs in Water
FDA Compendium	22894	Standard Operating Procedure--Compendium of Methods for Analysis of Trace Metals in Dietary Samples Using Total Diet Study Procedures

**4. DATA ANALYSIS PROCEDURES**

<b>SOP Number</b>	<b>Entry ID</b>	<b>Title</b>
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D01	22876	Data Flow Procedures
D02	22877	Questionnaire Data Entry and Preparation
D03	22878	Lab Results Data Entry and Preparation
D04	22879	Logsheet and Confidential Questionnaire Data Entry and Preparation
D05	22880	Exploratory Data Analysis and Summary Statistics
D09	22899	Receipt of Data from Outside Agencies

## 5. QUALITY ASSURANCE PROCEDURES

<b>SOP Number</b>	<b>Entry ID</b>	<b>Title</b>
G01	22881	Preparation of Standard Operating Procedures
G02	22882	Ensuring Confidentiality of Respondents' Records
G03	22883	Identification Numbers for Samples and Forms
G04	22884	Chain-of-Custody and Sample Tracking
G05	22885	Storage and Shipping of Samples
G06	22886	Problem Management
G07	22887	Training of Field Technicians
G08	22888	Training of Interviewers
G09	22889	Training of Laboratory Technicians
G10	22890	Training of Phlebotomists
G11	22891	Training of Field Coordination Center Staff