

NCS PROTOCOL OVERVIEW AND SUMMARY OF CONTACTS
June 20, 2007 – Version 1.3

	Prepregnancy				Pregnancy								Birth				Postnatal								
	P1 Home	Materials left behind and picked up after P1 ¹	P 1 Month (Phone)	P 2 Month (Phone)	P 4 Month (Phone)	T1-1st (Home)	T1-Prior (Home)	Materials left behind and picked up after T1 ¹	16-17 weeks (Phone)	T2 (Clinic)	T3 (Clinic)	Materials left behind and picked up after T3 ¹	36 Weeks (Phone)	B1 Delivery (Hospital)	B2 Pre-discharge (Hospital)	Materials left behind and picked up after B2 ¹	1 month visit, if needed ² (Home)	3 months (Phone)	6-month visit (Home)	Materials left behind and picked up after 6-mo. visit ¹	9 months (Phone)	12-month visit (Home)	Materials left behind and picked up after 12-mo. visit ¹	18 months (Phone)	24 months (Phone)
Informed consent/Detailed visit information/Medical release, as needed	M					M F	M F				M			M	M		M		M			M F			
Interviews/Assessments/Questionnaires																									
In-person/Phone	M		M	M	M	M F	M F		M		M		M		M		M	M	M C		M	M F C		M	M
Self-administered questionnaire		M						M F				M				M				M F	F		M F	F	
Diaries/Medical visit logs																									
Pregnancy diary						M	M																		
Medical provider visit log						M	M								C										
Environmental																									
Indoor air	M					M	M												X			X			
House dust	M					M	M												X			X			
Drinking water	M					M	M												X			X			
Soil						M	M												X			X			
Visual assessment	M					M	M												X			X			
Noise survey																						X			
Indoor air (self-collected)												M													X
House dust (self-collected)												M													X
Physical exam																									
Anthropometric	M					M F	M F				M				C		C		C			C			
Blood pressure	M					M F	M F				M											C			
Ultrasound								M ³		M	M														
Dysmorphology															C		C								
Physical exam																			C			C			
Observational photos															C		C								
Biospecimen collection																									
Pregnancy tests (self-collected)		M																							
Vaginal swabs	M					M	M				M														
Blood/Buccal cell ⁴	M					M F	M F				M			M								C			
Blood spot (heel and cord)														C											
Urine (self-collected)		M ⁵						M F			M			M					C			C			
Hair	M					M F	M F				M								C			C			
Nails						F	F				M														
Cord blood														C											
Umbilical cord														M											
Placenta														M											
Meconium															C										
Breast milk (self-collected)																	M	M		M					
Saliva (self-collected)								M			M									M F			C		
Other																									
Medical record/Chart abstraction								M ³							M C										
Community-based food collection								M																C	
Child care locations																					CC				CC
Community/Neighborhood assessment								M											X		CC	X			X ⁶

KEY: M=MOTHER F=FATHER C=CHILD X=CHILD'S PLACE OF RESIDENCE CC=CHILD'S CHILD CARE LOCATION(S)

¹ Activity is initiated at in-person visit and requires participant action after the visit (e.g., mail in self-collected urine sample, complete self-administered questionnaire and mail in). Time frame for completion varies and is specific to each activity.

² A home visit will be conducted at 1 month if certain child measures are not completed at the birth visit.

³ This ultrasound will only be conducted for women who do not already have a first trimester ultrasound as part of routine care (see protocol).

⁴ Buccal cells for DNA will be collected as a backup from the mother and father at the T1 1st or Prior visit and the child at the 36-month visit when blood is not drawn.

⁵ These biospecimen collections are intended to measure environmental exposures closer to the time of conception and includes two separate collections.

⁶ Update data collected at 6- and 12-month visits.

