

Noise Measurement Pick-Up Instrument

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| --- | --- |
| Event Category: | Time-Based |
| Event: | 36M, 60M |
| Administration: | N/A |
| Instrument Target: | Child's Primary Residence |
| Instrument Respondent: | Data Collector |
| Domain: | Environmental |
| Document Category: | Sample Collection |
| Method: | Data Collector Administered |
| Mode (for this instrument\*): | In-Person, CAI |
| OMB Approved Modes: | In-Person, CAI |
| Estimated Administration Time: | 0 minutes |
| Multiple Child/Sibling Consideration: | Per Event |
| Special Considerations: | N/A |
| Version: | 1.0 |
| MDES Release: | 4.0 |

​\*This instrument is OMB-approved for multi-mode administration, but this version of the instrument is designed for administration in this/these mode(s) only.

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Noise Measurement Pick-Up Instrument

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Noise Measurement Pick-Up Instrument

GENERAL PROGRAMMER INSTRUCTIONS:

WHEN PROGRAMMING INSTRUMENTS, VALIDATE FIELD LENGTHS AND TYPES AGAINST THE MDES TO ENSURE DATA COLLECTION RESPONSES DO NOT EXCEED THOSE OF THE MDES. SOME GENERAL ITEM LIMITS USED ARE AS FOLLOWS:

|  |  |  |  |
| --- | --- | --- | --- |
| **DATA ELEMENT FIELDS** | **MAXIMUM CHARACTERS PERMITTED** | **DATA TYPE** | **PROGRAMMER INSTRUCTIONS** |
| ADDRESS AND EMAIL FIELDS | 100 | CHARACTER |  |
| UNIT AND PHONE FIELDS | 10 | CHARACTER |  |
| \_OTH AND COMMENT FIELDS | 255 | CHARACTER | * Limit text to 255 characters |
| FIRST NAME AND LAST NAME | 30 | CHARACTER | * Limit text to 30 characters |
| ALL ID FIELDS | 36 | CHARACTER |  |
| ZIP CODE | 5 | NUMERIC |  |
| ZIP CODE LAST FOUR | 4 | NUMERIC |  |
| CITY | 50 | CHARACTER |  |
| DOB AND ALL OTHER DATE FIELDS (E.G., DT, DATE, ETC.) | 10 | NUMERIC  CHARACTER | * DISPLAY AS MM/DD/YYYY * STORE AS YYYY-MM-DD * HARD EDITS:   MM MUST EQUAL 01 TO 12  DD MUST EQUAL 01 TO 31  YYYY MUST BE BETWEEN 1900 AND CURRENT YEAR. |
| TIME VARIABLES | TWO-DIGIT HOUR AND TWO-DIGIT MINUTE, AM/PM DESIGNATION | NUMERIC | * HARD EDITS:   HOURS MUST BE BETWEEN 00 AND 12;  MINUTES MUST BE BETWEEN 00 AND 59 |

**Instrument Guidelines for Participant and Respondent IDs:**

PRENATALLY, THE **P\_ID** IN THE MDES HEADER IS THAT OF THE PARTICIPANT (E.G. THE NON-PREGNANT WOMAN, PREGNANT WOMAN, OR THE FATHER).

POSTNATALLY, A RESPONDENT ID WILL BE USED IN ADDITION TO THE PARTICIPANT ID BECAUSE SOMEBODY OTHER THAN THE PARTICIPANT MAY BE COMPLETING THE INTERVIEW. FOR EXAMPLE, THE PARTICIPANT MAY BE THE CHILD AND THE RESPONDENT MAY BE THE MOTHER, FATHER, OR ANOTHER CAREGIVER. THEREFORE, MDES VERSION 2.2 AND ALL FUTURE VERSIONS CONTAIN A **R\_P\_ID** (RESPONDENT PARTICIPANT ID) HEADER FIELD FOR EACH POST-BIRTH INSTRUMENT. THIS WILL ALLOW ROCs TO INDICATE WHETHER THE RESPONDENT IS SOMEBODY OTHER THAN THE PARTICIPANT ABOUT WHOM THE QUESTIONS ARE BEING ASKED.

**A REMINDER:**

ALL RESPONDENTS MUST BE CONSENTED AND HAVE RECORDS IN THE PERSON, PARTICIPANT, PARTICIPANT\_CONSENT AND LINK\_PERSON\_PARTICIPANT TABLES, WHICH CAN BE PRELOADED INTO EACH INSTRUMENT. ADDITIONALLY, IN POST-BIRTH QUESTIONNAIRES WHERE THERE IS THE ABILITY TO LOOP THROUGH A SET OF QUESTIONS FOR MULTIPLE CHILDREN, IT IS IMPORTANT TO CAPTURE AND STORE THE CORRECT CHILD **P\_ID** ALONG WITH THE LOOP INFORMATION. IN THE MDES VARIABLE LABEL/DEFINITION COLUMN, THIS IS INDICATED AS FOLLOWS: **EXTERNAL IDENTIFIER: PARTICIPANT ID FOR CHILD DETAIL.**

NOISE MONITOR PICK-UP

**(TIME\_STAMP\_NMP\_ST).**

|  |
| --- |
| PROGRAMMER INSTRUCTIONS |
| * INSERT DATE/TIME STAMP * PRELOAD **DWELLING\_UNIT\_ID** FOR THE DWELLING UNIT * PRELOAD PARTICIPANT ID (**P\_ID**) FOR PARTICIPANT AND RESPONDENT ID (**R\_P\_ID**) FOR RESPONDENT * PRELOAD ENVIRONMENTAL NOISE MEASUREMENT SAMPLE ID (**SAMPLE\_ID**) FROM THE NOISE MEASUREMENT SET-UP INSTRUMENT * PRELOAD NOISE MONITOR ID (**EQUIP\_ID)** FROM THE NOISE MEASUREMENT SET-UP INSTRUMENT * INSTRUMENT SHOULD ONLY BE LAUNCHED WHEN **MON\_SETUP** = 1 IN THE NOISE MEASUREMENT SET-UP INSTRUMENT |

**NMP01000/(STAFF\_ID).** ENTER STAFF ID

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

STAFF ID

**NMP02000.** NOISE MONITOR PICK UP INSTRUCTIONS:

|  |
| --- |
| DATA COLLECTOR INSTRUCTIONS |
| * PICK UP THE NOISE MONITOR FOLLOWING THE INSTRUCTIONS IN THE ENVIRONMENTAL NOISE MEASUREMENT SOP |

**NMP03000/(SAMPLE\_ID).** ENVIRONMENTAL NOISE MEASUREMENT SAMPLE ID

|  E  |\_\_\_|\_\_\_|\_\_\_|\_\_\_|\_\_\_|\_\_\_|\_\_\_|\_\_\_| - N E 0 1

NOISE-ENVIRONMENTAL ID

|  |
| --- |
| PROGRAMMER INSTRUCTIONS |
| * DISPLAY THE NOISE MEASUREMENT SAMPLE ID * ID MUST BE FORMATTED WITH TWO ALPHA 7 NUMERIC DASH NE 01 |

**NMP04000/(SAMPLE\_ID\_SAME).** {**SAMPLE\_ID**}

IS THE DISPLAYED SAMPLE ID THE SAME AS THE SAMPLE ID SHOWN ON THE LABEL PLACED ON THE NOISE MONITOR?

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| YES | 1 |  |
| NO | 2 |  |
| DON'T KNOW | -2 |  |

|  |
| --- |
| PROGRAMMER INSTRUCTIONS |
| * DISPLAY PRELOADED **SAMPLE\_ID** IN {SAMPLE\_ID} |

**NMP05000/(EQUIP\_ID).** NOISE MONITOR ID

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
| DATA COLLECTOR INSTRUCTIONS |
| * DISPLAY THE ID OF THE NOISE MONITOR |

**NMP06000/(EQUIP\_ID\_SAME).** {**EQUIP\_ID**}

IS THE DISPLAYED EQUIPMENT ID THE SAME AS THE EQUIPMENT ID ON THE NOISE MONITOR?

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| YES | 1 |  |
| NO | 2 |  |
| DON'T KNOW | -2 |  |

|  |
| --- |
| PROGRAMMER INSTRUCTIONS |
| * DISPLAY PRELOADED **EQUIP\_ID** IN {EQUIP\_ID} |

**NMP07000.** MONITOR PICK-UP DATE

**(MON\_PICK\_DATE\_MM)** MONTH:  |\_\_\_\_|\_\_\_\_|

                  M      M

**(MON\_PICK\_DATE\_DD)** DAY:      |\_\_\_\_|\_\_\_\_|

                 D       D

**(MON\_PICK\_DATE\_YYYY)** YEAR:     |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

                  Y       Y       Y       Y

|  |
| --- |
| PROGRAMMER INSTRUCTIONS |
| * DISPLAY HARD EDIT IF MM, DD OR YYYY ARE OUTSIDE CRITERIA DEFINED IN GENERAL PROGRAMMER INSTRUCTIONS. |

**NMP08000/(MON\_PICK\_TIME).** MONITOR PICK-UP TIME

|\_\_\_\_|\_\_\_\_|  :  |\_\_\_\_|\_\_\_\_|

    H      H             M      M

**NMP09000/(MON\_PICK\_TIME\_UNIT).** MONITOR PICK-UP TIME AM/PM

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| AM | 1 |  |
| PM | 2 |  |

**NMP10000/(MON\_PICKUP\_ROOM).** DID YOU PICK UP THE NOISE MONITOR FROM THE ROOM WHERE IT WAS SET UP?

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| YES | 1 | MON\_PICKUP\_PROBLEM |
| NO | 2 |  |
| DON'T KNOW | -2 |  |

**NMP11000/(MON\_PICKUP\_ROOM\_DIFF).** RECORD THE ROOM FROM WHERE THE NOISE MONITOR WAS PICKED UP.

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| COMMON LIVING AREA | 1 | MON\_PICKUP\_PROBLEM |
| CHILD'S BEDROOM | 2 | CHILD\_BEDROOM\_SHARED |
| ADULT BEDROOM | 3 | MON\_PICKUP\_PROBLEM |
| OTHER | -5 |  |

**NMP12000/(MON\_PICKUP\_ROOM\_DIFF\_OTH).** SPECIFY:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**NMP13000/(CHILD\_BEDROOM\_SHARED).** DOES THE CHILD SHARE THE BEDROOM WITH OTHER FAMILY MEMBER(S)?

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| YES | 1 |  |
| NO | 2 |  |
| DON'T KNOW | -2 |  |

**NMP14000/(MON\_PICKUP\_PROBLEM).** DID YOU OBSERVE ANY PROBLEMS WITH THE NOISE MONITOR STAND AND/OR THE NOISE MONITOR?

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| YES | 1 |  |
| NO | 2 | MON\_PICKUP\_ROOM\_WINDOW\_OPEN |

**NMP15000/(MON\_PICKUP\_PROBLEM\_OBS).** RECORD THE PROBLEMS YOU OBSERVED WITH THE NOISE MONITOR STAND AND/OR THE NOISE MONITOR.

|  |
| --- |
| DATA COLLECTOR INSTRUCTIONS |
| * SELECT ALL THAT APPLY. |

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| STAND MISSING | 1 |  |
| EQUIPMENT/SUPPLIES MISSING | 2 |  |
| STAND MOVED | 3 |  |
| STAND DAMAGED | 4 |  |
| STAND UNLOCKED | 5 |  |
| NOISE MONITOR NOT RUNNING | 6 |  |
| NOISE MONITOR DAMAGED | 7 |  |
| OTHER | -5 |  |

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| PROGRAMMER INSTRUCTIONS |
| * IF **MON\_PICKUP\_PROBLEM\_OBS** = 1, DO NOT ALLOW SELECTION OF ANY OTHER RESPONSE AND GO TO **NMP17000.** * IF **MON\_PICKUP\_PROBLEM\_OBS** = -5 OR ANY COMBINATION OF 2 THROUGH 7 AND -5, GO TO **MON\_PICKUP\_PROBLEM\_OBS\_OTH**. * IF **MON\_PICKUP\_PROBLEM\_OBS** = 4 OR 7 OR ANY COMBINATION OF 2, 3, 5, 6 AND 4 AND/OR 7, GO TO **NMP17000.** * OTHERWISE, GO TO **MON\_PICKUP\_DISTANCE**. |

**NMP16000/(MON\_PICKUP\_PROBLEM\_OBS\_OTH).** SPECIFY:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**NMP17000.** NOISE MONITOR AND/OR STAND DAMAGED

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| DATA COLLECTOR INSTRUCTIONS |
| * IF **MON\_PICKUP\_PROBLEM\_OBS** = 1, 4, OR 7 OR ANY COMBINATION INCLUDING 1, 4, AND/OR 7, COMPLETE THE ENVIRONMENTAL EQUIPMENT PROBLEM LOG. |

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| PROGRAMMER INSTRUCTIONS |
| * IF **MON\_PICKUP\_PROBLEM\_OBS** = 1, GO TO **MON\_PICKUP\_COMMENTS.** * IF **MON\_PICKUP\_ROOM** = 1 AND **MON\_PICKUP\_PROBLEM\_OBS** ≠ 3 OR ANY COMBINATION INCLUDING 3, GO TO **MON\_PICKUP\_ROOM\_WINDOW\_OPEN.** * OTHERWISE, GO TO **MON\_PICKUP\_DISTANCE.** |

**NMP18000/(MON\_PICKUP\_DISTANCE).** RECORD THE DISTANCE OF THE NOISE MONITOR FROM THE WALL IN THE PICK-UP ROOM.

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| LESS THAN 2 FT FROM WALL | 1 |  |
| MORE THAN OR EQUAL TO 2 FEET FROM WALL | 2 |  |

**NMP19000/(MON\_PICKUP\_HEIGHT).** RECORD THE HEIGHT OF THE NOISE MONITOR FROM THE FLOOR IN THE PICK-UP ROOM.

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| LESS THAN 3 FT FROM FLOOR | 1 |  |
| MORE THAN OR EQUAL TO 3 FT FROM FLOOR | 2 |  |

**NMP20000/(MON\_PICKUP\_ROOM\_WINDOW).** ​RECORD WHAT IS OUTSIDE OF THE WINDOW(S) IN THE PICK-UP ROOM

|  |
| --- |
| DATA COLLECTOR INSTRUCTIONS |
| * SELECT ALL THAT APPLY |

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| NO WINDOWS | 1 |  |
| STREET WITH LIGHT TRAFFIC | 2 |  |
| STREET WITH HEAVY TRAFFIC | 3 |  |
| FREEWAY OR HIGHWAY | 4 |  |
| YARD, GARDEN, GREENBELT, COURTYARD | 5 |  |
| OTHER | -5 |  |

|  |
| --- |
| PROGRAMMER INSTRUCTIONS |
| * IF **MON\_PICKUP\_ROOM\_WINDOW**  =  ANY COMBINATION OF 2 THROUGH 5, GO TO **MON\_PICKUP\_ROOM\_WINDOW\_OPEN.** * IF **MON\_PICKUP\_ROOM\_WINDOW** =  -5, OR ANY COMBINATION OF 2 THROUGH 5 AND -5, GO TO **MON\_PICKUP\_ROOM\_WINDOW\_OTH.** * IF **MON\_PICKUP\_ROOM\_WINDOW**  =  1, DO NOT ALLOW ANY OTHER SELECTION AND GO TO **MON\_PICKUP\_COMMENTS.** |

**NMP21000/(MON\_PICKUP\_ROOM\_WINDOW\_OTH).** SPECIFY:   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**NMP22000/(MON\_PICKUP\_ROOM\_WINDOW\_OPEN).** RECORD IF WINDOW(S) IN THE PICK-UP ROOM IS/ARE OPEN.

|  |  |  |
| --- | --- | --- |
| Label | Code | Go To |
| YES | 1 |  |
| NO | 2 |  |

**NMP23000/(MON\_PICKUP\_COMMENTS).** RECORD ANY COMMENTS ABOUT THE NOISE MONITOR PICK-UP:

COMMENT:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(TIME\_STAMP\_NMP\_ET).**

|  |
| --- |
| PROGRAMMER INSTRUCTIONS |
| * INSERT DATE/TIME STAMP |