

Sample FRMAC Monitoring Implementation Plan

- Team 1: Characterize the edge of the deposition area in Emergency Response Planning Area 2.
- Team 2: Characterize the area of deposition along a ten mile arc using the following roads; Fort Mott Road to Lighthouse Road, Lighthouse Road to State Highway 49, State Highway 49 to Toll Road and then characterize Pennsville to include Penns Grove.
- Team 3: Characterize the area of deposition along a ten mile arc using the following roads; Jericho Road northwest from Macanippuck Road, to Quinton- Marlboro Road, to North Bunden Hill Road, to Quinton-Elmer Road, to Welchville-Alloway Road, to State Highway 540, to Salem-Woodstown Road north on Sharptown Road, to Pointers-Swedesboro Road and then to the New Jersey Turnpike.
- Team 4: Characterize the deposition within the buffer zone defined by the BNE TAC
- Team 5: Characterize the area of deposition using the following roads; US Highway 130 from US Highway 40 north, to State Highway 44, to Broadway Street, to Crown Point Road then to Interstate Highway 295.
- Team 6: Characterize the area of deposition using the following roads; Pedricktown Road from US Highway 130, to Auburn Woodstown Road, to State Highway 45, to Mariton Road, to Pointers-Swedesboro Road, to US Highway 40, to Harding Road, to Pennsville-Auburn Road, to Pointers-Auburn Road, to Haines Neck Road, to Cheney Road, to Mannington-Yorktown road then to Yorktown Road
- Team 7: Characterize the area of deposition using the following roads; State Highway 322 east from Conchester Highway (Delaware), to Main Street, to State Highway 45, to Salem-Woodstown Road then to State Highway 540.
- Team 8: Characterize the area of deposition using the following roads in Delaware; New Castle Avenue from US Highway 40 to Interstate 495, to Post Road, to West Second Street, to East Fourth Street, to Industrial Highway then to Philadelphia International Airport.
- Team 9: Characterize the area of deposition using the following roads in Delaware, New Castle Avenue from US Highway 40 south to Wilmington Road, to West Seventh Street, to River Road, to State Highway 9, to Saint Augustine Road, to Silver Run Road, to Taylors Bridge Road, to Fleming Landing Road and then to Road 317.
- Team 10: Characterize the area of deposition using the following roads; the New Jersey Turnpike from State Highway 322 to Camden. Characterize the Camden area.

FIGURE E-1. *SAMPLE FRMAC MONITORING IMPLEMENTATION PLAN*

In Situ
Team: Characterize the area of deposition using the following roads; south on the New Jersey Turnpike from State Highway 322 to Deepwater-Slopes Corner Road, to State Highway 540 to Salem-Woodstown Road, to Walnut Street. Continue south on Walnut Street until administrative turnback values are reached (20 mR/hour or 100 mRem on self reading dosimetry).

Helicopter: Perform a thirty-mile transit of the deposition area with 250 foot line spacing. -

Helicopter: Perform a radial transit away from and then toward the plant on an 11.25 degree radial to a thirty mile arc then radial away from and toward the plant from Oyster Cove to Woodbury City. -

Monitoring and Sampling: Monitoring locations should include pre-established State, local, and utility fixed monitoring sites. Soil and vegetation samples should be collected upon contact with deposition (twice background) and then every order of magnitude change in exposure level unless instructed otherwise.

State Concurrence: _____
Print Name

Signature

LFA Concurrence: _____
Print Name

Signature

FRMAC Concurrence: _____
Print Name

Signature

Date: _____ Time: _____

FIGURE E-1. SAMPLE FRMAC MONITORING IMPLEMENTATION PLAN (continued)