

Overview of Air Monitoring Plan

as of 09/25/01

Zone	Asbestos	PM	Other
<p>Work Zone</p> <p>18 sites (See site lists and maps) (A-S, excluding G, O, Q, R; 1 - 3)</p> <p>More sites may be added</p> <p>Operational</p> <p>ERT</p>	<p>11 sites (A-S; excluding G, O, Q, R) 24 hr samples; PCM/TEM; with contract lab. ERT</p>		<p>PCBs, dioxins, furans, metals: all ~2/week, ~10-hr sample at about 9 locations (from among A - S); the exact number and distribution of the locations may vary from time to time, but nominally include upwind, downwind, and residential sites.</p> <p>VOCs and Freon: 5 samples twice per day, at 3 fixed locations (1 - 3), and 2 varying locations, but ensuring at least 2 in plume and 1 background; (duration depending on expected loading) ERT TAGA</p> <p>VOCs and Freon, as requested by NYFD ERT TAGA</p> <p>Phosgene, inorganic acids (HCl, H₂SO₄, HNO₃), FID/PID, multi-gas (O₂, LEL, H₂S, SO₂, CO), Real time monitoring as needed, daily ERT</p> <p>Silicates: 2 samples /week at 6 locations (A - S) ERT <i>siting, laboratory, and logistics pending.</i></p> <p>VOCs: a single set of 24-hour canister samples</p>
<p>Near Zone</p> <p>4 fixed roof-top sites (1 - 4) (see site list and map)</p> <p>Schedule: expected to be operational by 9/28</p> <p>NYSDEC/EPA</p>	<p>Same protocol as Work Zone</p> <p>NYSDEC operation</p> <p>Filters delivered to contract lab daily by NYSDEC</p>	<p>PM_{2.5} TEOM continuous (except Canal Street)</p> <p>PM₁₀ 24-hour daily filter sample (except PM_{2.5} at Canal St.), ~4-day lab turnaround</p> <p>EPA site setup NYSDEC site operation EPA PM₁₀ filter weighing</p>	

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