

Wolff-Alport Site Timeline

1125-1139 Irving Avenue, Queens, New York

1920-1954: Processed monazite sands using acid to concentrate rare earth metals. Company operated in three buildings and two yard areas. Materials were stored in the yard in piles.

1947: Disposal of thorium oxalate sludge residue in sewer prompted cease and desist order from Atomic Energy Commission (AEC).

1948 to early 1950s: Sold thorium residue under government contract to AEC.

Unknown date: Two yard areas converted to structures. All structures currently occupied.

1987: DOE determined the site is not covered by FUSRAP. Site was referred to NYCDHMH, NYSDEC, and EPA.

1988: NYCDHMH and EPA investigation revealed radioactivity within buildings, soils and sewer.

2007: NYCDHMH and NYSDEC radiation survey identified levels above 100mR/yr (NRC standard).

2007: NYCDHMH recommended workers in former Wolff-Alport buildings reduce time in areas with higher radiation levels and use lead shielding.

2009: NYCDHMH and NYSDEC conducted vehicle-based, city-wide survey that identified peak radiation levels of 1.5 mR/hr in front of former Wolff-Alport buildings (75x higher than background reading).

2009-2011: NYCDDC conducted multi-phased investigation with EPA Brownfield funding that identified above background radiation levels within former Wolff-Alport buildings, on Irving Street and portion of Mofatt Street, soils behind building, within sewers and from gas in grocery store basement.

March 17, 2011: EPA Radiation Branch refers site to Removal Action Branch.

July 20, 2011: ATSDR requested to complete Health Consultation.

February 29, 2012: Final ATSDR Health Consultation released.

May 4, 2012: Final Removal Site Evaluation.

May 10, 2012: Site assigned to RPB to implement removal action or other options.

May 22, 2012: Initial Wolff Airport Meeting with RAB/RPB Management, OSC, Pre-Remedial, and ORIA to review RSE and discuss potential interim and long term removal options.

June 19, 2012: NYS & NYC conduct radiological survey of hot spots at around the property. Cecilia Echols (EPA Public Affairs) and OSC Daly are present during survey.

June 26, 2012: ORIA/RPB Phone Conference with Judith Enck, EPA Regional Administrator

June 06, 2012: RPB Management/OSC meeting with W. Mugdan. OSC requests PRP search from RAB Enforcement.

June 26, 2012: Pre-Remedial Meeting with OSCs Magriples, Ferriola, and Daly.

June 27, 2012: Pre-Remedial Group conducts windshield survey of site.

July 7, 2012: New York State Department of Health, Bureau of Environmental Radiation Protection & New York City Department of Health and Mental Hygiene, Bureau of Environmental Emergency Preparedness and Response Draft Radiation Survey Report sent out to agencies for Review.

July 10, 2012: Phone conference with EPA, NYS and NYC regarding June 2012 Draft Rad Survey.

July 18, 2012: Phone conference with EPA, NYS and NYC regarding June 2012 Draft Rad Survey. EPA lead transitioned from EPA Radiation & Indoor Air Branch to EPA Response & Prevention Branch.

August 31, 2012: NYS DEC/ NYS DOH Referral received by Walter Mugdan.

September 05, 2012: First bi-weekly inter-agency phone conference.

September 19, 2012: Bi-weekly inter-agency phone conference.

September 20, 2012: OSC mailed out property access agreements in coordination with EPA ORC and EPA RAB Enforcement Team:

- Arctic Glacier (Block 3725/Lot 42-Businesses: Primo #2 and Terra Nova)
- LPL (Block 3725/Lot 44-Business: Primo #1)
- Department of Education (Block 3442/Lot 1-Business: IS 384 school)
- Naftali Steinmetz (Block/Lot-Business: Audrey Johnson Daycare)
- David Weiss (Block 3725/Lot 46-Business: Jarabacoa Deli)

September 21, 2012: OSC mailed out property access agreements:

- AFG (Block 3725/Lot 31-Business: Railroad Spur)

September 24, 2012: Arctic Glacier (Primo #2/Terra Nova) signs access agreement.

September 25, 2012: ERRD Director issues verbal funding in the amount of \$320,000 of which \$250,000 is

September 26, 2012: Wolff Alport Technical Workgroup held a phone conference to discuss shielding and possible shielding alternative.

September 27, 2012: Wolff Alport Property Owner/Business Operator/Worker Meeting

September 27, 2012: KEMRON Task Order Issued

October 03, 2012: Bi-weekly inter-agency phone conference.

October 09, 2012: Weston TDD processed for response action and Spanish interpreter.

October 10, 2012: Elected Official Information Session held.

October 10, 2012: Public Information Session held.

October 11, 2012: Naftali Steinmetz (Audrey Johnson Daycare) signs access agreement.

October 12, 2012: Action Memo short version draft submitted to RPB/RAB management

October 16, 2012: EPA OSCs obtain concrete slab for shielding pilot study.

October 17, 2012: Community Board #4 Meeting held.

October 17, 2012: Bi-weekly inter-agency phone conference.

October 18, 2012: EPA OSCs obtain steel plates for shielding pilot study.

October 18, 2012: NYC Department of Education (IS 384 School) signs access agreement.

October 22, 2012: Lenny Piccolo (Primo #1) signs access agreement.

October 22, 2012: OSCs meet with Arctic Glacier Representatives (George Geanacopoulos, Lenny Piccolo, Iggy) to verify boundaries described in deeds/tax maps of Lots 42 and 44. It was confirmed that Primo #2 and Terra Nova are on Lot 42. Primo #1 is on Lot 44 (LPL). OSCs meet with Boro Cabinet Representatives (Cohen Brothers). OSCs request EPA Civil Investigator Team (Coakley/Savino) regarding Lot 31 ownership and abandoned vehicle (2 boats/1car) ownership.

October 23, 2012: EPA OSC meet ERRS on-site. (Mobilization date)

October 24, 2012: EPA OSCs, EPA RIAB, NYC DOHMH, KEMRON, and Weston conducted shielding pilot study at the most elevated radiation levels along Irving Avenue Sidewalk in front of Lot 42 and 44 (Primo Auto Body Bays #1/ #2 and Terra Nova). Shielding study was also conducted inside of Primo Auto #2 Bay. The team also surveyed the sidewalk along Irving Avenue and delineated elevated radiation levels. The area was marked out with pink spray paint (NYC Color Code for survey work). OSC handed written access agreement to Boro Cabinet.

October 25-26, 2012: EPA OSCs, EPA RIAB, NYC DOHMH, KEMRON, and Weston tamp down foliage on Lot 31, stack debris, and conduct gross radiation survey to identify hot spots. Crane Company (Auringer) was contacted in person to remove remaining metal plates on Lot 31. The hole in the basement of IS 384 School was sealed.

October 26, 2012: OSC requested copy of 2007 property survey from Boro Cabinet (Lot 30) representatives and discussed lot cleanup and fence erection.

November 04, 2012: Scheduled delineation of elevated radiation levels and mark out at Primo #1 was postponed due to Hurricane Sandy.

November 9, 2012: OSC mailed out property access agreements:

- New information for potential property owner, Bethel Church of God, 7th Day (Block 3725 Lot 31-Business: Railroad Spur)

November 10, 2012: EPA OSCs, EPA RIAB, NYC DOHMH, KEMRON, and Weston performed survey and delineated elevated radiation at Primo #1, Primo #2, and Terra Nova.

November 13, 2012: DNA Info Article released.

November 14, 2012: Capital New York Article released.

November 14, 2012: Community Board #5 Meeting at Middle Village, Queens. C. Echols (PAD), A. Karam (NYC DOHMH) and E. Daly (EPA OSC) attended.

November 20, 2012: OSC Daly made contact with a Pastor from the Bethel Church of God, 7th Day. He confirmed that his church owns Lot 31. OSC Daly forwarded the property access agreement and awaits signature to proceed.

November 27, 2012: OSC Daly received the signed access agreement document from Boro Cabinet owners (Lot #31).

November 28, 2012: OSC Daly, EPA RIAB, NYC DOHMH, and Weston performed walk thru activities in both IS-384 and Audrey Johnson Daycare. The purpose of the walk thru was to map out floor plans, determine amount of radon cartridges needed for radon sampling effort, determine best locations for cartridge placement and to assist in finalization of radon sampling plan. Once sampling plan is finalized and cartridges are received, sampling schedule will be established for these two locations as well as Primo, Terra Nova and Jarabacoa Deli (pending signed access agreement)

November 28, 2012: Bi-weekly inter-agency phone conference. First phone conference since Hurricane Sandy/