

**TO:** Sheldon Booker, Assistant Superintendent, Transportation

**FROM:** Fred Frank, Manager, Environmental Safety & Industrial Hygiene, OSS

**DATE:** May 3, 2016

**SUBJECT:** PCBs Air Monitoring Results for Train Platforms

**LOCATION:** New York Penn Station

On April 21, 2016, four air monitoring samples were taken by Amtrak's contractors on New York Penn Station platforms and analyzed for nine different types of PCB (poly chlorinated biphenyls). Amtrak provided the following results:

For eight types of PCBs (Aroclor 1016, 1221, 1232, 1242, 1248, 1260, 1262 and 1268) the results were Non Detectable. For Aroclor 1254 the results are below.

Sample No.	Description	Results
P1-E	Platform 1 Eastern Portion	0.037 ug/m <sup>3</sup>
P1-W	Platform 1 Western Portion	None detected
P5-E	Platform 5 Eastern Portion	0.054 ug/m <sup>3</sup>
P5-W	Platform 5 Western Portion	0.027 ug/m <sup>3</sup>

Per OSHA the safe concentration in the air for Aroclor 1254 is an average of below 50.0 ug/m<sup>3</sup> for a period of 8 hours for a 5-day work week.

NIOSH, the federal research agency which has more stringent recommendations, recommends that workers not breathe air containing more than 1 ug/m<sup>3</sup> for a period of 10 hours for a 40-hour work week.





Since the results are well below both OSHA requirements and NIOSH recommendations, the platforms are considered safe for PCB levels.

Contact me at 973-491-7872 if anyone has any additional concerns or questions.

Please post this notice in the area where the affected employees work for 5 work days and then return it to me.

**Date Posted:** \_\_\_\_\_ **By:** \_\_\_\_\_

**Date Removed:** \_\_\_\_\_ **By:** \_\_\_\_\_