

**ROXBURY TOWNSHIP PRIVATE SCHOOLS
Landfill Gas Assessment**

**INDOOR AIR SAMPLING RESULTS
11/25/13 to 11/27/13**

SCHOOL	SAMPLE DATE	SAMPLE LOCATION	HYDROGEN SULFIDE (H ₂ S)	SULFUR DIOXIDE (SO ₂)
American Christian E.S.	11/26/13	Lower School Building - Classroom 5	N.D.	N.D.
		Lower School Building - Classroom 2	N.D.	N.D.
		Upper School House - Middle Classroom	N.D.	N.D.
		Ambient	N.D.	N.D.
Morris County Educare and Enrichment Center	11/27/13	Entrance Foyer	N.D.	N.D.
		"Twoddler" Room	N.D.	N.D.
		Room 7	N.D.	N.D.
		Ambient	N.D.	N.D.
St. Therese E.S.	N.A.	Main Building 1 st Grade Classroom		
		Main Building 3 rd Grade Classroom		
		Learning Center Building Pre-K Classroom		
		Ambient		

N.A. = No sampling conducted. School closed for scheduled holiday.

N.D. = Non-detectable

All results are in parts per billion (ppb)

Results are rounded to the nearest whole number

Sample Date is the date on which the 24-hour sample was completed

In conjunction with the 24-hour canister sampling, the Department of Health (DOH) is utilizing Jerome J605 portable handheld meters for detecting hydrogen sulfide (H₂S) gas. The H₂S readings are being taken each time the 24-hour canisters are placed and again when the canisters are collected. The H₂S readings are being taken in each room where a canister is placed and in hallways and corridors in the vicinity of these rooms, as well as outside the building. During this week of sampling there were detectable levels of H₂S measured in the indoor air and the outside ambient air.

On November 25th, detectable levels of H₂S were measured in outdoor ambient air at the American Christian School at 3.4 ppb. No detectable levels were measured in any

locations inside the school. There were no odors of H₂S noted and there were no reports of odor complaints by school staff.

On November 26th, detectable levels of H₂S were measured in the indoor air at the Morris County Educare Center in Classroom #4 at 3.4 ppb. Odors noted at the time the readings were taken appeared to be related to a child diaper/changing area located in the room and cooking activities. H₂S was not detected in any other locations inside the school. There were no odors of H₂S noted and there were no reports of odor complaints by school staff. There were no detectable levels of H₂S measured in the outside ambient air.