

FA252118B0003
Repair Sewage Lift Station 350
QUESTION AND ANSWER #2

Question: Is it necessary to test the sidewalk and curb being removed for asbestos prior to disposal?

Answer: No, it is not required to test concrete in sidewalks, curbs, or the lift station that is to be demolished. The only suspect asbestos material in the construction area would be transite pipe and that type of pipe is possible but not known to exist in the subject area.

Question: What is the age of the concrete structure of lift station 350? Is it necessary to test this concrete for asbestos prior to disposal?

Answer: Approximately 15 years old, do not test concrete in lift station. No, it is not required to test concrete in sidewalks, curbs, or the lift station that is to be demolished.

Question: Can you provide any past groundwater surveys or information on expected ground water level at this project site?

Answer: The ground water elevation varies through the year based on rain fall and local hydrological conditions.

From Universal Subsurface Exploration Report for the DEOMI Building dated Dec 27, 2001:

“8.0 GROUNDWATER CONDITIONS

8.1 Existing Groundwater Level

We measured the water levels in the boreholes on September 13, 2000 after the groundwater was allowed to stabilize. The groundwater levels are shown on the attached boring logs. The groundwater level depths ranged from 1.8 feet below land surface (bls) to 4.3 feet bls at our boring locations. Fluctuations in groundwater levels should be anticipated throughout the year, primarily due to seasonal variations in rainfall, surface runoff, and other factors that may vary from the time the borings were conducted.

8.2 Typical Wet Season Groundwater lev□I

The typical wet season groundwater level is defined as the highest groundwater level sustained for a period of 2 to 4 weeks during the "wet" season of the year, for existing site conditions, in a year with average normal rainfall amounts. Based on historical data, the rainy season in Brevard County, Florida is between June and October of the year. In order to estimate the wet season water level at the boring locations, many factors are examined, including the following:

- a. Measured groundwater level
- b. Drainage characteristics of existing soil types
- c. Season of the year { wet/dry season)
- d. Current & historical rainfall data (recent and year-to-date)
- e. Natural relief points (such as lakes, rivers, swamp areas, etc.)
- f. Man-made drainage systems {ditches, canals, etc.)
- g. Distances to relief points and man-made drainage systems
- h. On-site types of vegetation

I. Area topography (ground surface elevations)

Groundwater levels at the boring locations were measured on September 13, 2000. According to data from the Southeast Regional Climate Center and the National Weather Center, the total rainfall in the previous month of August for Central Brevard County was 3.5 inches, approximately 1.8 inches below the normal for August. The year to date rainfall was 32.3 inches, or roughly 0.1 inches below normal. Based on this information and factors listed above, we estimate that the typical wet season groundwater levels at the boring locations will be approximately 1 foot above existing measured levels or roughly 1 foot bls to 3 feet bls. Please note, however, that peak stage elevations immediately following various intense storm events, may be somewhat higher than the estimated typical wet season levels."

NOTE: the information above is from a report from 2001 and may not reflect the current hydrological condition onsite.