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April 1, 2009

Bronx River Greenway Education Facility Location Decision.

Question 1.

The locations with a value of zero are unacceptable sites because they are not within a half-mile of the Bronx River Greenway, nor are they within a half-mile of a school.

Question 2.

See map.

Question 3.

The site I have selected as the best potential location for the Bronx River Greenway Education Centre is at 3409 Barker Avenue. It is located near two educational institutions, both of which will have excellent access to the centre. One is PS 41, a public k-5 elementary school, the other is the Mind-Builders Creative Arts Center which is a performing arts and cultural centre, which has a Folk Culture exploration program—no doubt they will be able to use the Bronx River Greenway education facility to learn more about their community!

This site is also particularly advantageous because of its proximity to the Greenway, and there is no highway or other impassible barrier between the site and the river.

Please see the accompanying map!

Question 4.

Other possible criteria maps for assessing where the centre should go are certainly possible. One would be highways—the centre, as it will be used by children, should be sufficiently far from a highway. Also, there shouldn't be a highway separating the centre from either the greenway or the school(s). One way to frame this would be a noise map; we could determine how far away from a highway one has to be to not hear the noise, and use spatial analysis tools to locate a site that is not within the noisy zone.