

ROCKLAND COUNTY TASK FORCE ON WATER RESOURCES MANAGEMENT

SIT Green Infrastructure Student Project Decision-Making Framework & Next Steps DRAFT (October 27, 2015)

NEXT STEPS: Next meeting (#2) will be scheduled for November 17 or 19 at 3pm (Planning Dept.)

1. Review the points below and consider whether there are other criteria and priorities. Bring notes to next meeting - focus on Section III **[Students & Workgroup]**
2. Sign up to Basecamp and review and contribute to the posted information
3. Continue working on obtaining GIS info and utilize other GIS sources in the mean time, including the Task Force GIS App **[Students]**
4. Review NYS DEC design standards in the Manual **[Students]**
5. Keep working on points in the Work Plan **[Students]**
6. Narrow Focus **[Students]**: Based on soil conditions and other GIS info, prepare a map of general areas in Rockland most likely to have high strategic value for our goals and high effectiveness of infiltration
 - a. For example: overlay soils, well head or river/county stream areas, higher elevations, high percentage of impervious surfaces

Let me know if you have any other input for the next meeting agenda, apart from reviewing students' progress and other items above. Thank you - Patricie Drake

I. Priorities for Evaluating GI Criteria for Workgroup's Consideration

Questions to help determine priorities:

- What are the objectives?
Implement green infrastructure that allows runoff to infiltrate into the ground and enhance recharge in strategic areas.
- What are the desired outcomes for this project?
- How should we define an “effective” project?
Amount of water that infiltrates, most strategic area, effectiveness of demonstration site, outreach, localized flooding problem is improved, long-term maintenance is clearly defined...
- How should we define a “cost-effective” project?
- What are the most important elements of a good demonstration site? What education/ outreach do we want to see?
Educational signs or other materials, outreach events showcasing project...
- What local/regional priorities should be considered?
Other projects planned, regional plans...
- What can your organization/agency/group contribute to this effort?
(Education/outreach, gathering information, contributing to the work, etc.)

II. Proposed criteria for evaluating projects:

- a. Project's objectives
- b. Project's anticipated outcomes
- c. Project's effectiveness
- d. Landowner support and plan for maintenance
- e. Demonstration site and outreach

- f. Performance capability and experience
- g. Appropriate and cost-effective budget
- h. Timeline
- i. Integration with other local/regional priorities

III. Criteria for determining a successful green infrastructure project OR yes/no with greatest amount of yes to be chosen.

- a. Reduce water runoff and enhance recharge in Rockland County
- b. Effectiveness of Infiltration (soils, contours, etc.)
- c. Strategic need for infiltration (located near wellhead, county stream, etc.)
- d. Be feasible (physical, social, legal, etc.)
- e. Have long-term maintenance plan or arrangements
- f. Serve as an effective demonstration site (taking into account location, public access, etc.)
- g. Reduce flooding issues downstream
- h. Economic/Esthetic Appeal
- i. Consider local/regional priorities and plans
- j. Buy-in by stakeholders/owner/local community
- k. Consider Regulatory Standards and Required Permits Required
- l. Leverage resources or contribute to future implementation projects to improve water quality
- m. Enhance use of a property (such as creating a recreational or aesthetic amenity v. inhibit use)
- n. Currently Proposed Project in the County?