POSITION: Environmental Remediation Technician
DEPARTMENT: Green Infrastructure
FLSA: Full time, Seasonal-Hourly
REPORTS TO: Community Forester/Research Analyst

SUMMARY:
The Environmental Remediation Technician implements the visions communicated by the Community Forester/Research Analyst and/or Director of Green Infrastructure. The Environmental Remediation Technician is a liaison for maintenance, installation, evaluation and supervision of large-scale environmental remediation projects in the City of Detroit. He or she will be expected to lead small crews efficiently to meet project guidelines and meet funding deadlines.

POSITION RESPONSIBILITIES:

- Aid in the installation and supervision of environmental remediation projects:
  1. Collaborate on remediation project design in accordance with Greening of Detroit Best Management Practices, and established environmental remediation principles.
  2. Manage project designs and implementation plans to meet funding requirements.
  3. Work with Community Forester/Research Analyst and research partners to ensure integrity of all environmental sampling, implementation strategies and research efforts.
  4. Communicate project goals and objectives to remediation team, volunteers and community members.
  5. Help coordinate the installation and completion of Green Infrastructure projects.
  6. Supervise the remediation team, volunteers and workforce employees during project installation.
  7. Perform quality control/planting leader responsibilities during project installation.

- Coordinate the maintenance and care of remediation projects:
  1. Maintain planting maps and project designs following all project installations.
  2. Work with the Green Infrastructure Maintenance Technician to evaluate maintenance needs and the appropriate staffing necessary to meet maintenance concerns.
  3. Coordinate the delegation and implementation of various equipment based environmental remediation projects, maintenance plans and schedules.

- Arrange for the continued evaluation of Green Infrastructure remediation projects:
  1. Perform inventories of plant mortality, growth, and performance as needed to complete project goals and research needs.
  2. Aid research partners in the collection and evaluation of environmental data as needed and communicated by the Community Forester/Research Analyst.
  3. Work alongside the Community Forester/Research Analyst to create reports or presentations on project evaluation and success.

- Train and supervise volunteers or workforce employees as related to required project maintenance.
- Responsible for demonstrating and educating volunteers on project days.
- Coordinate resource allocation with other departments to support planting/maintenance operations.
- Encourage the efficient and effective sharing of resources between departments.
- Assist in all other tasks involved with the promotion, operation and support of the Greening of Detroit as directed by the Director of Green Infrastructure and/or President of The Greening of Detroit.
**EDUCATION AND EXPERIENCE:**

Possess at least a two-year associate degree in Forestry, Horticulture, Landscape Architecture, Environmental Science, Soil Science, Geology, Environmental Engineering, Biology, Chemistry, or related field. The ideal candidate will hold a Bachelor of Science in one of the above or a related field and leadership experience in the forestry or environmental industries. Candidates will be considered who have not achieved a degree but who have comprehensive experience in green technologies, environmental remediation or forestry and horticulture. The ideal candidate will have experience or a strong desire to develop skills in forestry, horticulture, environmental science, and green infrastructure. Candidates should possess the capabilities to collaborate with others on common project goals in a fast-paced work environment.

**KNOWLEDGE, SKILLS AND ABILITIES:**

The ideal candidate has a basic knowledge of tree identification, tree planting practices, and familiarity with the road grid and lay-out of the City of Detroit. S/he should also have experience supervising or participating in studies which require specific replicated methods to ensure the scientific efficacy of the project. All candidates must have a valid License and be able to obtain a valid Chauffeurs’ License before starting their first day of work. Ideal candidates should be MIOSHA certified and be a Certified Pesticide Applicator, or be willing to acquire certification. Candidates must have knowledge or willingness to learn how to operate a skidsteer. Candidates must have knowledge or willingness to learn to operate a truck and trailer. Previous work with volunteers and community groups is desired. Previous research or knowledge of the scientific process is desired. Experience in ArcGIS or similar software is desired.

Candidates must also display professionalism, independent judgment and decision-making ability, self-motivation and a team mentality. Must be willing to work in a diverse work environment, retain excellent communication and organizational skills, computer literacy, and a genuine appreciation for the urban environment, and a proven ability to create successful partnerships.

Must be able to work in diverse environments and in all weather conditions.

We are looking to have the successful candidate in place by February 23rd, 2015. Please send resume and cover letter by **Friday February 6th, 2015 by 4pm** to attention Dean Hay, Director of Green Infrastructure recruiting@greeningofdetroit.com.

*The Greening of Detroit is also currently seeking qualified candidates for a Green Infrastructure Dendroremediation Planting Assistant.*