

GRANT ANALYSIS FORM OPERATING & CAPITAL GRANT PROJECTS/PROGRAMS

Department/Division: Department of Public Works –Operations Division, Environmental Services

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Category of Request

New Grant

Grant Continuation

Change in Previously Approved Grant

Previous Council File No. _____

Previous Council File No. _____

Project/Program Title: 2009 Urban Forestry Grant - Rapid Early Detection of EAB using Hyperspectral Imagery

Grantor Agency: Wisconsin Department of Natural Resource

Grant Application Date: _____

Anticipated Award Date: _____

1. Description of Grant Project/Program (Include Target Locations and Populations):

Rapid Early Detection of EAB using Hyperspectral Imagery applies advanced geospatial technology in conjunction with GIS analytical tools to geospatially map the location and condition of ash species in the City of Milwaukee on public and private property. A geospatially mapped host inventory represents progressive management of invasive species and represents a new tool for improved risk assessment, forest health monitoring, rapid early detection and management of emerald ash borer.

2. Relationship to City-Wide Strategic Goals and Departmental Objectives:

It is the mission of DPW Operations to improve the safety, cleanliness and sustainability of Milwaukee neighborhoods and the environment. Environmental Services accomplishes this by maintaining the city's urban forest and 120-mile boulevard system. One critical benefit of a professional forestry department is to monitor for disease and emerging pests. Geospatially mapping the city's ash tree population using hyperspectral imagery will meet the 2009 budget milestone to survey of the city's ash tree population.

3. Need for Grant Funds and Impact on Other Departmental Operations (Applies only to Programs):

NA

4. Results Measurement/Progress Report (Applies only to Programs):

NA

5. Grant Period, Timetable and Program Phase-Out Plan:

January 1, 2009 – December 1, 2009.

6. Provide a list of Subgrantees:

NA

7. If Possible, complete Grant Budget Form and attach to back.

Attached