

St. John's Landfill

Landfill Vegetation Management Plan Scoping Meeting

Thursday May 1, 2003
Metro Headquarters - 600 NE Grand Ave.
Room 101
8:00 a.m. to 12:00 p.m.

Agenda

1. Introductions (15 min)
2. Meeting purpose and process (15 min)
3. Discussion of basic goals (30 min)
4. Determination of constraints (30 min)
5. Discussion of goals based on constraints (30 min)
6. Develop preliminary objectives and success criteria (60 min)
7. Preliminary planning and schedule (30 min)

Breaks each 45-60 min

Detailed Agenda – Discussion Points

1. Introductions (15 min)
 - a. Team and roles
 - b. Discuss team structure
2. Meeting purpose and process (15 min)
 - a. To determine/set basic or “meta”-goals for the project
 - b. To identify and understand factors that will of could constrain the project
 - c. Clarify goals based on constraints analysis.
 - d. Outline objectives and possible success criteria
 - e. Others
3. Discussion of basic goals (30 min)
 - a. Vegetation
 - b. Wildlife
 - c. Physical (stormwater, erosion, structure, topography)
 - d. Landscape ecology
 - e. Public Involvement
 - f. Others

Johnson & O'Neil w/ PIF refinement
4. Preliminary determination of constraints (30 min)
 - a. Regulatory (Federal)
 - b. Regulatory (State)
 - c. Regulatory (DEQ)
 - d. Regulatory (Metro/Regional)
 - i. Smith and Bybee Lakes Wildlife Area
 - ii. Metro Planning – RSNRI
 - e. Structural (landfill)
 - f. Operational
 - g. Staffing / availability / consulting
 - h. Political/Public
 - i. Financial
 - j. Other / Unknowns
 - k. Identify needs regarding more information
5. Re-discussion of goals based on constraints (20 min)
 - a. Identify conflicts
 - b. Identify needs regarding more information
 - c. Adjust, remove, or add goals

6. Develop preliminary objectives and success criteria (30 min)

- a. Vegetation
- b. Wildlife
- c. Physical (stormwater, erosion, structure, topography)
- d. Landscape ecology
- e. Others

7. Preliminary planning and schedule (30 min)

- a. Pilot study
- b. Conceptual 1,2, and 5-year planning
- c. Planting plan
- d. Public Involvement
- e. Other

St. John's Landfill

Landfill Vegetation Management Plan

Draft Notes Summarizing the Scoping Meeting Held Thursday May 1, 2003

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Robin Wilson and Shane Latimer**

Goal

The group discussed goals for vegetation enhancement at the Landfill. The group reassessed and altered goals originally developed as part of *Native Vegetation for St. John's Landfill* (Metro 1997) to arrive at the following:

- Establish a landfill cover with a diversity of plant species and structural components that encourage wildlife use, are protective of landfill infrastructure, and that minimize maintenance.

Objectives to Attain Goal

1. Develop a *St. John's Landfill Cover Plan* (LCP) with the following elements:
 - An approach to establish a grassland-based vegetative landfill cover that encourages native plant species and discourages noxious weeds.
 - A set of modular design for structural elements, both natural (e.g., shrub islands, rock piles, etc.) and artificial (e.g., perching stands, nesting boxes), that will increase wildlife habitat diversity.
2. Ensure that the plan will facilitate cost-effective and sustainable management of the landfill cover, while minimizing risks to public health and safety, and the environment.

Steps to Meet Objectives

1. Develop LCP
 - Develop preliminary list of grasses, forbs, and shrubs for the landfill plant "pallet" for testing, with consideration of the ability of the vegetation to support landfill structure and operations and provide wildlife habitat.
 - Select candidate plant species for test plots based on research of species characters (e.g., drought-tolerance, root form, height at maturity, etc.).
 - Determine the desired landscape form(s).

- Assess current weed problem(s) and update noxious weed management plan accordingly.
 - Develop wildlife habitat objectives, and modular designs for natural and artificial structural wildlife habitat elements.
 - Develop conceptual plan for structure placement in the landscape context.
2. Ensure Cost-Effective and Sustainable Management; Minimize Risks to Public Health, Safety, and Environment
- Formalize review process for plan during development and on a periodic basis following plan implementation.
3. Monitoring and Adaptive Management
- Qualitatively monitor plan elements to ensure Objectives are being met.
 - Use adaptive management methodology to alter plan accordingly (see attached Adaptive Management guidance).
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Considerations

Do we want to include examples for Objectives 2 in the objective statement? I like it lean, as they seem to be simply a broad set of constraints over the plan. In any case, I will include a review element in the steps/methods to address this objective.

Working Notes

The LCP will:

Prioritize areas for re-vegetation (e.g., areas with functional vegetation present would have a lower priority)

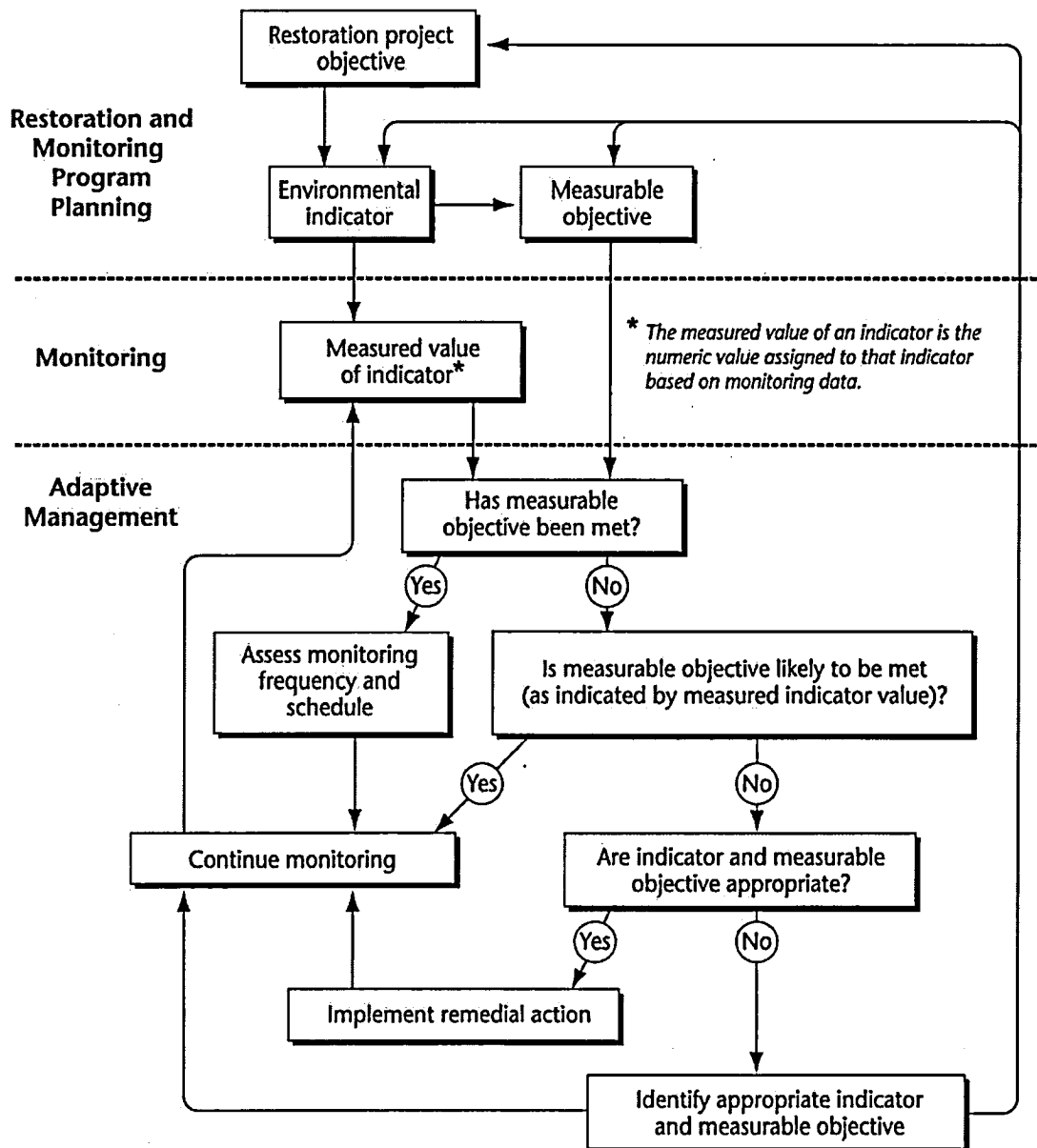
Identify appropriate vegetation types for each area.

Specify mowing/maintenance regimes for each area.

To Do list

- Check with Portland BES (Angie Kempo regarding use of “out of area” (Southern Oregon plants. (Shane)
- Grass herbarium sheets (Shane)
- Grazing opportunities (Elaine)

Flowchart of an Adaptive Management Process for Meeting Restoration Project Objectives



Adapted from Guadalupe River Adaptive Management Program