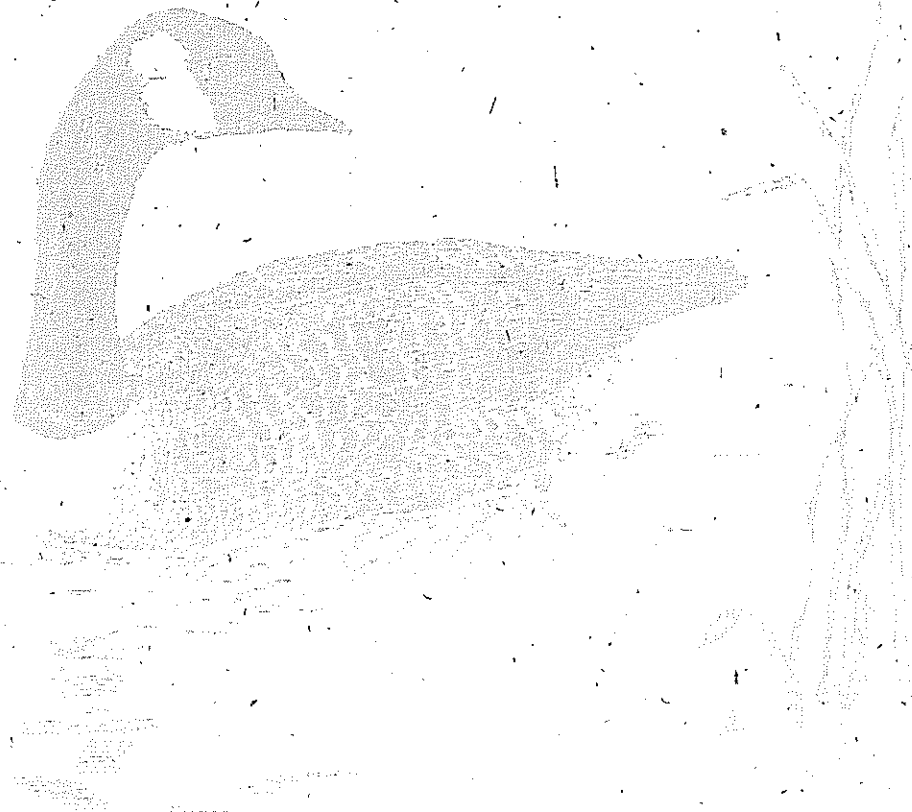


**Appendix E:  
The Urban Ranking Task Group  
Ranking System**





**The Urban Ranking Task Group**  
**Ranking System**  
**revised - April 4, 1996**

Background

The following ranking system was developed by the Urban Ranking Task Group at the April 1, 1996 meeting of the Task Group. The ranking system will be used to prioritize the remedial actions outlined in Chapter 7 "Possible New Remedial Measures" of the Stage II Rochester Embayment Remedial Action Plan (RAP).

Description

The Urban Ranking Task Group's ranking system requires that each possible remedial action in Chapter 7 be assigned a total score between 2 and 10 based on benefit, cost, feasibility, and popularity. These four criteria are described below.

Step 1: The individual Task Group members will assign a score between 1 and 5 to each of the remedial actions for each of the criteria (benefit, cost, feasibility, and popularity).

Step 2: Task Group members will compute their total score for each remedial action by calculating the sum of: (1) the benefit score; and (2) the average of the cost, feasibility, and popularity scores.

$\text{Total Score} = \text{Benefit Score} + ( \text{Cost Score} + \text{Feasibility Score} + \text{Popularity Score} / 3 )$
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Step 3: Monroe County Health Department water quality staff will place the results of the individual rankings on matrices. The horizontal axis of the matrix will be the average of the cost, feasibility, and popularity scores and the vertical axis will be the benefit score. Matrices that display the average of the scores assigned by Task Group members will also be developed. In addition, wall charts will be developed that list the remedial actions and the range of scores that were assigned by the Task Group members.

Step 4: The Task Group will discuss the results of the individual rankings and come to consensus as to the recommended ranking that should be presented to the Water Quality Management Advisory Committee and the Water Quality Coordinating Committee.

Criteria

**1. Benefit:** The benefits of a particular action may be measured in a number of ways including the degree of its impact on Use Impairments, the number of Use Impairments impacted, the number or type of pollutants affected, or the urgency of taking the action. The following table attempts to develop a framework for determining the benefit of an action. Please note, High Priority and Priority Pollutants are defined in the Stage I RAP (pages 5-39 and 5-40).

Score	Impact on Use Impairment/s		Pollutants affected		# Use Impairments addressed		Urgency
5	Very significant - for example, implemented by itself, the action will result in improvement	or	1 or more High Priority Pollutants	or	Several ( $\geq 3$ )	or	Without action, irreparable damage will occur
4	Significant - for example, implemented in combination with another action, the action will result in improvement	or	1 or more High Priority Pollutants	or	several	or	Without action, the Use Impairment will become worse
3	Moderate - for example, implemented in combination with other actions, will result in improvement	or	1 or more Priority Pollutants	or	several	or	The Use Impairment is not becoming worse
2	Some	or	1 or more Priority Pollutants	or	More than one	or	The Use Impairment is not becoming worse
1	Very limited	or	1 or more Priority Pollutants	or	one	or	Even without action, the Use Impairment is being lessened

**2. Cost:** The cost of implementing an action includes consideration of the possible costs of not implementing the action. Quantitative information regarding the cost of implementing an action is contained within each section of Chapter 7.

Score	Cost range for implementing action
5	≤ \$10,000
4	\$10,001 - \$35,000
3	\$35,001 - \$60,000
2	\$60,001 - 85,000
1	≥ \$85,001

**3. Feasibility:** For the purposes of ranking, feasibility is defined as follows.

Score	Definition
5	The action has a very high likelihood of success because the action is a continuation of an ongoing program, the technology is proven, and/or funding is available.
4	The action has a high likelihood of success
3	The action has a moderate likelihood of success
2	The action is experimental and/or funding will be difficult to obtain
1	The action is very experimental and/or funding will be very difficult to obtain

**4. Popularity:** For the purposes of ranking, popularity is defined as follows.

Score	Definition
5	The action is likely to receive widespread government and public support and the action would benefit the entire Rochester Embayment Watershed.
4	The action is likely to receive significant government and public support
3	The action is likely to receive some government and public support
2	The action is likely to receive little government and public support
1	There is likely to be substantial government or public opposition to the action