

# THE NINE ELEMENTS OF WATERSHED PLANS

## IDENTIFY CAUSES AND SOURCES OF POLLUTION

a. An identification of the causes and sources or groups of similar sources that will need to be controlled to achieve the load reductions estimated in this watershed-based plan (and to achieve any other watershed goals identified in the watershed-based plan). Sources that need to be controlled should be identified at the significant subcategory level with estimates of the extent to which they are present in the watershed (e.g., X numbers of dairy cattle feedlots needing upgrading, including a rough estimate of the number of cattle per facility).

## ESTIMATE LOAD REDUCTIONS EXPECTED

b. An estimate of the load reductions expected for the management measures described under paragraph (c) below. Estimates should be provided at the same level as in item (a) above (e.g., the total load reduction expected for dairy cattle feedlots.)

## DESCRIBE MANAGEMENT MEASURES AND TARGETED CRITICAL AREAS

c. A description of the NPS management measures that will need to be implemented to achieve the load reductions estimated under paragraph (b) above (as well as to achieve other watershed goals identified in this watershed-based plan), and an identification (using a map or a description) of the critical areas in which those measures will be needed to implement this plan.

## ESTIMATE TECHNICAL AND FINANCIAL ASSISTANCE NEEDED

d. An estimate of the amounts of technical and financial assistance needed, associated costs, and/or the sources and authorities that will be relied upon, to implement this plan.

## DEVELOP AN INFORMATION AND EDUCATION COMPONENT

e. An information/education component that will be used to enhance public understanding of the project and encourage their early and continued participation in selecting, designing, and implementing the NPS management measures that will be implemented.

## DEVELOP A PROJECT SCHEDULE

f. A schedule for implementing the NPS management measures identified in this plan that is reasonably expeditious.

## DESCRIBE INTERIM, MEASUREABLE MILESTONES

g. A description of interim, measurable milestones for determining whether NPS management measures or other control actions are being implemented.

## IDENTIFY INDICATORS TO MEASURE PROGRESS

h. A set of criteria that can be used to determine whether loading reductions are being achieved over time and substantial progress is being made towards attaining water quality standards and, if not, the criteria for determining whether this watershed-based plan needs to be revised or, if a NPS TMDL has been established, whether the NPS TMDL needs to be revised.

## DEVELOP A MONITORING COMPONENT

i. A monitoring component to evaluate the effectiveness of the implementation efforts over time, measured against the criteria established under item (h) immediately above.