



Antidegradation/Alternatives Analysis
for
New or Expanded NPDES Discharges
 (includes new/increased loadings)

NPDES #: _____

Project Owner: _____

Project Name: _____

County: _____

Summary of Alternatives Analysis

TYPE OF ALTERNATIVES EVALUATED	EVALUATED ALTERNATIVES TO ELIMINATE/MINIMIZE DISCHARGE (Note PER Reference Below)
Water recycle or reuse	
Use of other discharge location	
Connection to other WWTPs	
Land application	
Product or raw material substitution	
Other treatment options/alternatives	

On behalf of the project owner, I certify that I have completed an evaluation of the discharge alternatives identified above, pursuant to S.C. Reg. 61-67.200.D.1.k, and have reached the conclusions indicated.

Signature _____
 (S.C. Professional Engineer)

PE Registration # _____

Date _____

Complete this sheet with PER in accordance with R.61-67.200.D.1.k, if applicable or with NPDES application.
Instructions on back.

Anti-degradation/Alternatives Analysis
for
New or Expanded NPDES Discharges

1. Purpose: This supplement is completed as part of the NPDES permitting application. It is provided to the Department with an NPDES application which is submitted with a Preliminary Engineering Report (PER) submittal for any new or expanding discharge. In the context of concern over lowering water quality, the terms new or expanding includes the addition of pollutants in type or magnitude and not just an increase in flow. This supplement is to provide a written statement that alternatives for the elimination or minimization of the proposed discharge have been evaluated by the project's consulting engineer as part of the Department's antidegradation implementation process.

2. General: For each alternative listed, the PER must address whether it is economically or technologically reasonable to eliminate or minimize the discharge that would lower water quality. The table represents a summary of that effort. For each alternative listed, enter the PER reference or page number. List other alternatives considered in the blanks provided.

3. Item by Item Instructions:

NPDES # Enter NPDES number (e.g., SC0012345)

Project Owner: Enter the name of the person(s) legally responsible for the proposed facility discharge or expansion.

Project Name: Enter the name of the facility with the proposed or expanded discharge.

County: Enter the county where the facility discharge or expansion is proposed to be located.

Alternatives Table: Note the PER reference in its block.

Signature: Signature of the Professional Engineer drafting the PER and investigating the alternatives.

P.E. Registration #: The Professional Engineer's Registration Number.

Date: Date the Professional Engineer signed the alternatives analysis supplement.

4. Office Mechanics: Copies of this supplement are provided with the applicable number of copies of a PER needed for a project. These copies are circulated within DHEC and possibly the applicable 208 Plan representative for review. This supplement is filed with the PER upon approval.