

United States  
Environmental Protection  
Agency

Center for Environmental  
Research Information (CERI)

Technology Transfer

# Improving POTW Performance Using the Composite Correction Program

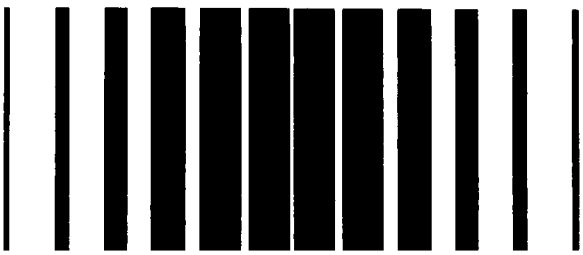
Denver, CO—March 24-25, 1986  
Chicago, IL—March 27-28, 1986  
Edison, NJ—April 21-22, 1986  
Philadelphia, PA—April 24-25, 1986

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EPA CCP SEMINAR SERIES  
c/o Dynamac Corp.  
P.O. Box 2198  
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## Background and Purpose

In a national study involving site visits to 287 POTWs the predominant factors causing poor plant performance were found to fall in four major categories: administration, design, operation, and maintenance. A major conclusion of this study was that each POTW usually has a number of performance-limiting problems that are unique to that facility.

A program that effectively eliminates all performance-limiting factors at an individual POTW has been developed and demonstrated. It is called the Composite Correction Program (CCP) because it brings together the positive features of many individual programs to correct all the specific performance-limiting problems identified at a plant. The CCP approach consists of an evaluation phase and a performance improvement phase.

The *evaluation phase* is a thorough review and analysis of a POTW's design capabilities and associated administration, operation, and maintenance practices. Its objective is to determine if significant improvements in treatment can be achieved without making major capital expenditures. This objective is accomplished by assessing the capability of major unit processes and by identifying and prioritizing those factors that limit performance and can be corrected to improve performance.

The *performance improvement phase* eliminates those factors that limit performance in existing POTWs.

This series of seminars will cover, in detail, implementation of CCP programs to improve POTW performance. Separate workshop sessions will be conducted on the evaluation and performance improvement phases. Principal speakers for the seminars will be Bob A. Hegg, Kerwin L. Rakness, and Robert C. Renner of Process Applications, Inc., Fort Collins, CO.

## Registration and Hotel Information

There is no registration fee and you may register for any one of the ten seminars. We recommend, however, that you choose the seminar to be given in your EPA region since both regional and State personnel will be participating in the sessions. Since *attendance will be strictly limited due to the workshop nature of the program*, register early and indicate on the registration form three choices in order of preference (1st, 2nd, 3rd). For further information, contact Ms. Chee Chang, Seminar Coordinator, (301) 468-2500.

Arrangements have been made for a block of rooms at each hotel where seminars are to be held. Special rates are available to seminar attendees. Reservations should be made directly with the hotel and you must state that you are attending the EPA seminar to receive the special guest room rate.

## Seminar Locations and Dates

1. Denver, CO  
Denver Marriott City Center  
1701 California Street  
March 24-25, 1986  
(303) 297-1300
2. Chicago, IL  
Best Western Inn of Chicago  
162 E. Ohio @ Michigan Avenue  
March 27-28, 1986  
(312) 787-3100
3. Edison, NJ  
Ramada Inn  
3050 Woodbridge  
April 21-22, 1986  
(201) 494-2000
4. Philadelphia, PA  
Wyndham Franklin Plaza  
2 Franklin Plaza  
April 24-25, 1986  
(215) 448-2000

## Seminar Program

### First Day

- 8:30 a.m. Welcome
- 8:45 a.m. Purpose
- 9:00 a.m. (To Be Announced)
- 9:30 a.m. Composite Correction Program Background
- 10:00 a.m. Break
- 10:30 a.m. Approach to POTW Performance Improvement
- 11:00 a.m. Comprehensive Performance Evaluation Methodology
- 11:30 a.m. Lunch
- 12:30 p.m. How to Conduct Comprehensive Performance Evaluations
- 2:30 p.m. Example Comprehensive Performance Evaluation (Workshop Session)
- 5:00 p.m. Adjourn

### Second Day

- 8:30 a.m. Evaluating Comprehensive Performance Evaluation Results
- 9:00 a.m. Composite Correction Program Methodology
- 10:00 a.m. Break
- 10:30 a.m. How to Conduct Correction Programs
- 11:45 a.m. Lunch
- 1:00 p.m. Example Composite Correction Program (Workshop Session)
- 3:30 p.m. Wrap-up Session
- 4:30 p.m. Adjourn

## IMPROVING POTW PERFORMANCE USING THE COMPOSITE CORRECTION PROGRAM —U.S. Environmental Protection Agency—

For registering at one of the following seminars (check 1st, 2nd, 3rd preference).

- Denver, CO—March 24-25, 1986       Edison, NJ—April 21-22, 1986  
 Chicago, IL—March 27-28, 1986       Philadelphia, PA—April 24-25, 1986

Name and Title \_\_\_\_\_

Organization \_\_\_\_\_

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Telephone \_\_\_\_\_