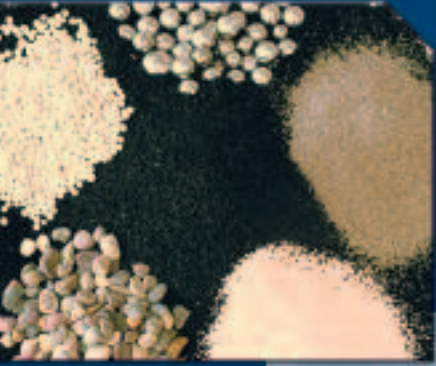




CALGON CARBON CORPORATION

## Making Water and Air Safer and Cleaner



**Potable Water Service Program**

# Potable Water Treatment:

## The Potable Water Service Program: Calgon Carbon Delivers Treatment Tailored to Your Needs!

Treatment of water through granular activated carbon has been proven to remove the dissolved organic compounds and chemicals which can cause taste and odor problems, as well as lead to the formation of disinfection by-products (DBP's). Granular activated carbon can also remove many of the endocrine disrupting compounds and pharmaceutical and personal care products that are being discovered in our drinking water supplies. Calgon Carbon's Potable Water Service Program allows municipalities to utilize granular activated carbon economically and in an environmentally-friendly way. With the Potable Water Service Program, the right amount of granular activated carbon required to achieve your effluent quality standard will be delivered through Calgon Carbon's extensive transportation network. When the activated carbon becomes saturated with organic impurities and can no longer achieve the desired effluent quality, Calgon Carbon replaces it with a new supply of activated carbon. All of this can be provided for a reasonable monthly or quarterly fee to fit your operating budget.

What's more, you don't need to invest in costly capital upgrades or equipment. Since granular activated carbon works in existing treatment filters, few if any modifications to your plant are necessary. Calgon Carbon can also include all necessary services, media and equipment in the fee arrangement over an extended period, eliminating the need for a single, large capital outlay. Because we take the spent activated carbon back to our facilities and reactivate it with our equipment, you don't have to worry about disposal. Bottom line, your facility achieves all of the benefits of a granular activated carbon system with none of the capital expense.



## Let Calgon Carbon do the Dirty Work

Here's how the Potable Water Service Program will help take the hassle out of water treatment:

1. **We conduct an overall plant survey.** A Calgon Carbon specialist inspects plant facilities and reviews existing data to determine how to apply the Potable Water Service Program to best achieve your desired water quality.
2. **After a thorough evaluation, we establish a service fee.** Based on the size of the plant, the water characteristics, the use of optional services, and other factors, your Technical Sales Representative submits a recommendation and a corresponding service fee.
3. **We offer engineering supervision.** A Calgon Carbon specialist supervises all major steps required for installation, startup and maintenance of the treatment system.
4. **We provide specialized media transfer services.** Calgon Carbon supplies the personnel and equipment needed for efficient placement and removal of activated carbon and media during delivery and pick-up.
5. **We ensure a continuous supply of carbon.** Calgon Carbon is the world's leading producer of granular activated carbon, ensuring delivery to the water plant when necessary.
6. **We replace exhausted carbon.** Calgon Carbon takes care of activated carbon removal, replacement, and reactivation on a scheduled basis. There's no need for operator involvement at your plant.
7. **We provide technical support.** If you need technical assistance to solve or prevent problems, just call 1-800-4-CARBON. Calgon Carbon has the latest activated carbon research, and largest technical service team in the industry.



## Flexibility: Built into Every Program

Planning to use the Potable Water Service Program with your existing water treatment filter? No problem. Most facilities convert from sand and anthracite filters for less than an additional one cent per day per family. You can also design the service to fit into a new treatment plant. The choice is yours. With the Potable Water Service Program, you decide how much assistance and service you want, and we'll design the service program to meet your requirements.

## Customize our Program for your Facility

Flexible options delivered by the Potable Water Service Program:

- **Removal and disposal of existing sand or anthracite filter media.** We provide the personnel and equipment necessary to remove and dispose of existing sand and anthracite.
- **Full service of existing filters.** We provide personnel and equipment for cleaning, disinfection, maintenance, repair and start-up of all filter types.
- **Analytical services – both on- and off-site.** We conduct such tests as TOC, VOC and determinations on a pre-arranged schedule. Our laboratories are equipped with the latest instruments and our fully trained staff follows analytical procedures accepted by the EPA and other regulatory agencies. Additional services are available on a fee basis.
- **Pilot test equipment.** We can supply pilot test columns for testing and evaluation of GAC for removing taste and color or other specific organic compounds at your plant site.
- **Transfer vessels.** We'll provide transfer and storage vessels if the need is indicated by your activated carbon use rate.
- **Seminars.** Because adsorption technology changes continually, we hold periodic seminars to help you keep your personnel updated about new research findings and regulatory changes.

## Why Calgon Carbon?

Calgon Carbon has been treating water for more than 60 years. In response to your needs, we've made installing granular-activated carbon cost-effective for plants worldwide through flexible programs like the Potable Water Service Program.

The Potable Water Service Program provides effective standby protection against sudden, unforeseen contamination...it can restore contaminated raw water sources to acceptable potable quality...it can be easily modified to comply with more stringent water quality legislation...it eliminates problems and costs associated with the use of powdered activated carbon.

## How do I Find out More?

Discuss your plant requirements with a Calgon Carbon Potable Water Service specialist without any commitment on your part. We'll take your data and other information concerning effluent requirements and develop a Potable Water Service Program to fit your needs.

In addition, Calgon Carbon has an Inside Sales Team to act as the "Knowledge Center" for Calgon Carbon. Whether a customer is interested in having a site visit, placing an order, asking a technical question, or even looking for Bid Fulfillment, any member of the Inside Sales Team is able to step in and assist. Representatives can be reached by phone at 1-800-4-CARBON (1-800-422-7266), or by sending an e-mail to [info@calgoncarbon.com](mailto:info@calgoncarbon.com).

## Go with the World Leader in Activated Carbon Technology

From the initial plant survey, to the installation of your new activated carbon, to maintenance and technical support, Calgon Carbon has designed the Potable Water Service Program to provide all the benefits of granular activated carbon at an affordable monthly fee.

Present technology has proven that treatment of water through granular activated carbon removes dissolved organics which cause bad taste and odors. But a large number of water plants – already burdened with ever-rising costs in other areas for maintenance and equipment – are hard pressed to upgrade their filter media.

That's why Calgon Carbon pioneered its unique, customized Potable Water Service Program in the late 1970's. Since then, municipalities in the United States and abroad have installed activated carbon through the Potable Water Service Program. And they've achieved all the benefits of activated carbon adsorption – the removal of dissolved organic chemicals, taste and odors – with virtually no capital outlay.

### **Comprehensive Activated Carbon Service at an Affordable Price**

### **Calgon Carbon Corporation Company Overview**

Calgon Carbon Corporation (NYSE:CCC), a global manufacturer and supplier of activated carbon and innovative treatment systems, provides value-added technologies and services for making water and air safer and cleaner and optimizing production processes. With the most advanced research and development capabilities, plus 16 carbon manufacturing, reactivation and fabrication facilities and 23 sales and service centers, Calgon Carbon is the world's largest manufacturer of granular activated carbon with production and operations in North America, Europe and Asia.

Through unmatched innovations in the purification of air and water, Calgon Carbon is a global leader in the activated carbon industry. As an activated carbon industry leader along with ultraviolet light disinfection and oxidation expertise, plus continuous ion exchange and chromatography, Calgon Carbon has originated cutting-edge purification systems for drinking water, wastewater, odor control, pollution abatement, and a variety of industrial and commercial manufacturing processes. For any application, from drinking water purification to pharmaceutical manufacturing, Calgon Carbon technologies are designed to enhance production efficiencies, minimize waste and remove pollutants – in short, making water and air safer and cleaner.



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