# **USEPA's Drinking Water Contaminant Candidate List and Regulatory Determinations Process**

**Contaminant Candidate List 3 Process** 

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ABSTRACT

The 1996 Safe Drinking Water Act Amendments require EPA to: (a) identify and list

#### potential diriking water contaminants, (b) determine whether a federal regulation is appropriate for a particular contaminant, and (c) establish health goal and a National Primary Drinking Water Regulation (NPDWR) for contaminants identified for regulation. Throughout the regulatory decision-making process, head here here, evice wead science and data to support its intensive evaluation efforts. Many of the factors evaluated in the regulatory decision-making process, head here the following: the occurrence of a contaminant in drinking water; the tisks of adverse headth affects in the general population impacts of regulation on public water systems, the occurrency and public headth. The purpose of this presentation is to describe two of the major components of EPA's regulatory decision-making process. The Octationmaic Canddate List (CL) and Regulatory Determinations. First, EPA uses the CCL to identify and establish a list of priority contaminants. The accord process, Regulatory Determination, includes a formal decision on whether EPA should sub an NFDWR to End Contaminants listed on the CCL. This presentation provides an overview of the methods and information used to develop about whether or not be resulted as on ownerview of the methods and direct and the decision about the effect on the treatment of contaminants. These develops about whether or not be resulted as ontaminants.

#### The Contaminant Candidate List Statutory Requirements

The Safe Drinking Water Act (SDWA) requires EPA to list unregulated contaminants which are known or anticipated to occur in public water systems and which may require a national orking water regulation in the future. Every five years, EPA must publica ha star of contaminants called the Contaminant Candidate List (CCL). In developing the list, SDWA do opeofiles that EPA. Must evaluate substances identified in section 10(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCL ) and substances registered as pasticials under the Foreital Insectiols (Fungicide, and Rodentide Act (FFRA), and provide an opportunity for public comment.



### Regulatory Determinations Statutory Requirements

SDWA also requires EPA to publish a Maximum Contaminant Level Goal (MCLG) and promulgate an NPDWR for a contaminant if the Administrator determines that, the contaminant may have an advance efficient on the health or persons; the contaminant to known to occur or there is substantial Melihood that the contaminant well occurs the sole publices of the Administrator regulation of such contaminant presents a meaningfu opportunity for health risk reduction for persons served by public water systems.

## History of the Contaminant Candidate List and Regulatory Determination Process

The diriking water Constainance Candidate List (CCL) is a priority list of contaminants withich are ont crigalizated by EPA, but are known to exist or have the potential to occur in diriking water. EPA collects data on a broad range of biological and chemical contaminants and has a set of criteria that diretermins if the contaminants are listed. EPA published the first CCL (CCL 1) of 60 contaminants (March 1998) and made regulatory determinations not regulate 9 contaminants (March 1998). EPA published the second CCL (CCL 2) of 51 contaminants (Liv 2008). BrAh sinked (CCL (CCL 2) was published in Cotober 2009 and contains 116 contaminants. Jul 2008). EPA has the exposed to regulate 9 contaminants (Liv 2008). EPA has the CL (CCL 2) was and process that was improved upon alters publishing CCL 1 and CCL 2. The sup process mayout in post and neotimest and publishing CCL 1 and CCL 2. The sup process mayout in post and neotimestations from the National Academy of Science's National Research Council, RPA) and the chemical contaminants in the Regulatory Determinations process.



AL PROTECTIO **Regulatory Determination Process** Contaminants from CCL Regulatory Determination Phase Yes Potential Candidate for Regulatory Determination. Health Effects and Occurrence Data Evaluation Are/will data be available via an Agency-approved process to determine whether an adverse health effect solats and the potential health intervent and the solation of the end of the solation of the solation of the solation of Are/will finish water data be available via Unregulated Contaminant Montoing Rule (UCMS) study or other Agency-approved database to evaluate lively occurrence (level and frequency) in Polici Valer Systems? Three statutory questions to make Regulatory Determination for contaminant/contaminant group: Is it likely to cause an adverse health effect? No Is it likely to occur at a level and frequency of concern at PWSs? Will regulation present a meaningful opportunity for health risk reduction? · ID health effects and/or occurrence data gaps. Identify other factors or gaps that need to be considered for the regulatory determination phase. No to any 1 Not appropriate for regulation Yes to all 3 Consider for regulation and ID other factors that need to be (e.g. method/treatment). Publish FR notice with preliminary decisions and Review Public Comments and consider revising ler for Regulatory Determination lot appropriate to cor at this time Publish FR notice with final Regulatory Determination decisions. Publish proposed NPDWR within 2 years (if necessary).

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