

Drinking Water Contaminant Candidate List (CCL) and Regulatory Determination

Draft CCL 4 Microbial Contaminants

Microbial Contaminant Name	Type	Diseases and Infections
Adenovirus	Virus	Respiratory illness and occasionally gastrointestinal illness.
Caliciviruses	Virus (includes Norovirus)	Mild self-limiting gastrointestinal illness.
<i>Campylobacter jejuni</i>	Bacteria	Mild self-limiting gastrointestinal illness.
Enterovirus	Viruses including polioviruses, coxsackieviruses and echoviruses	Mild respiratory illness.
<i>Escherichia coli</i> (0157)	Bacteria	Gastrointestinal illness and kidney failure.
<i>Helicobacter pylori</i>	Bacteria	Found in the environment capable of colonizing human gut that can cause ulcers and cancer.

Hepatitis A virus	Virus	Liver disease and jaundice.
<i>Legionella pneumophila</i>	Bacteria	Found in the environment including hot water systems causing lung diseases when inhaled.
<i>Mycobacterium avium</i>	Bacteria	Lung infection in those with underlying lung disease, and disseminated infection in the severely immuno compromised.
<i>Naegleria fowleri</i>	Protozoan	Parasite found in shallow, warm surface and ground water causing primary amebic meningoencephalitis.
<i>Salmonella enterica</i>	Bacteria	Mild self-limiting gastrointestinal illness.
<i>Shigella sonnei</i>	Bacteria	Mild self-limiting gastrointestinal illness and bloody diarrhea.