

Negative Effects of Raw Sewage

© 2013 SI Restoration. All rights reserved



Key Notes

- On average, 7 million people suffer from illnesses caused by exposure to raw sewage per year.
- 7% of those 7 million become severely or fatally ill.

Viruses

Norwalk virus, rotavirus, Hepatitis A, Poliomyelitis Virus, Adenovirus

Gastroenteritis

Diarrhea, Vomiting, Abdominal Pain, Nausea, Cramping

Hepatitis A

Jaundice, Fever, Diarrhea, Fatigue, Cramping, Loss of Appetite, Nausea

Poliomyelitis

Sore Throat, Fever, Vomiting, Nausea, Cramping, Constipation, Diarrhea

Bacteria

Campylobacter, E. coli, Leptospira Salmonella, Shigella

Campylobacteriosis

Bloody Diarrhea, Fever, Cramping, Nausea, Vomiting

Escherichia coli (E. coli)

Bloody Diarrhea, Fever, Cramping, Nausea, Vomiting

Leptospirosis

Fever, Headaches, Body Aches, Chills, Diarrhea, Vomiting, Jaundice, Rash

Salmonellosis

Diarrhea, Fever, Cramping

Shigellosis (Bacillary Dysentery)

Bloody Diarrhea, Fever, Cramping

Parasites

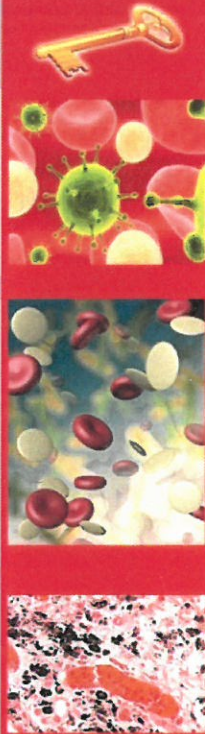
Cryptosporidium parvum Giardia intestinalis

Cryptosporidiosis

Diarrhea, Loose Stool, Cramping, Slight Fever

Giardiasis

Diarrhea, Loose Stool, Cramping, Slight Fever



For more information on the dangers of sewage damage or to request sewage damage or biohazard cleanup, visit

www.si-restoration.com

Three main health risks are present due to the effects of raw sewage exposure: viruses, bacteria, and parasites.

Viruses

Multiple Viruses (such as rotavirus, adenovirus, Norwalk virus) can cause Gastroenteritis. Commonly mistaken as "stomach flu", Gastroenteritis is not accompanied by head and body aches that accompany traditional influenza. Gastroenteritis can cause diarrhea, abdominal pain, cramping, nausea, and vomiting. Hepatitis A can also be found in raw sewage due to flood damage (<http://www.si-restoration.com/services/water-damage/flood-damage/>). More likely to spawn symptoms in adults rather than children, sufferers can experience jaundice, fatigue, abdominal pain, loss of appetite, nausea, diarrhea, and fever. The Poliomyelitis Virus causes Poliomyelitis which, if left untreated, can cause temporary or permanent paralysis. Other less serious symptoms include sore throat, fever, nausea, vomiting, abdominal pain, constipation, and occasional diarrhea.

Bacteria

Campylobacter can cause Campylobacteriosis. If left untreated, the bacterial infection can become blood borne, causing life-threatening infection. Campylobacteriosis can also cause bloody diarrhea, fever, abdominal pain, cramping, nausea, vomiting. One of the more common forms of bacteria known to the general public is Escherichia coli, or E. coli for short. E. coli can develop into the fatal hemolytic uremic syndrome which can cause kidney failure or death if it is not addressed properly upon initial infection. More well known symptoms in its earlier stages include bloody diarrhea, fever, abdominal pain, cramping, nausea, and vomiting. Another common form of bacteria is salmonella, which can cause Salmonellosis. Most property owners are familiar with this bacteria because of under cooked or raw food products such as meats and poultry being left on countertops or consumed. However, this bacteria thrives in raw sewage and can cause severe diarrhea, cramping, and high fevers. Other bacteria to look out for is Leptospira and Shigella.

Parasites

Of the more harmful parasites that can infect raw sewage, Cryptosporidium parvum and Giardia intestinalis can cause Cryptosporidiosis and Giardiasis especially. These are the two most common water borne diseases in the continental United States, causing similar symptoms such as diarrhea, loose stool, cramping, and fevers.