East Palestine Public Water System Data

Summary of Detections in Treated Drinking Water

Sample Collection Date	Location	Chemical Name	NS Lab	Independent Lab (Ohio EPA)	Units	Comments
5/9/2023	Drinking Water distributed to customers	Chloroform	NS	0.986	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
5/9/2023	Drinking Water distributed to customers	Bromodichloromethane	NS	0.839	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
5/9/2023	Drinking Water distributed to customers	Chlorodibromomethane	NS	0.685	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
5/9/2023	Drinking Water distributed to customers	Methylene chloride	NS	0.586	PPB	Maximum allowed (MCL) 5 ppb. Common laboratory solvent and paint remover. This is not associated with the train derailment.
4/25/2023	Drinking Water distributed to customers	Chloroform	NS	0.66	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
4/18/2023	Drinking Water distributed to customers	Bromodichloromethane	NS	0.73	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
4/18/2023	Drinking Water distributed to customers	Chloroform	NS	1.03	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
4/11/2023	Drinking Water distributed to customers	Diethylphthalate	NS	2.41	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
4/11/2023	Drinking Water distributed to customers	Chlorodibromomethane	NS	0.72	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
4/4/2023	Drinking Water distributed to customers	Bromodichloromethane	0.67	0.81	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
4/4/2023	Drinking Water distributed to customers	Chloroform	<RL	0.74	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
4/4/2023	Drinking Water distributed to customers	Bis(2-chloroethyl) ether	<RL	1.3	PPB	Exceeds drinking water screening limit of 0.014 ppb. Mainly used as a chemical intermediate in industry. Limited health effects information is available on this chemical.
3/28/2023	Drinking Water distributed to customers	Bromodichloromethane	0.72	0.73	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
3/28/2023	Drinking Water distributed to customers	Chloroform	0.70	0.66	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
3/28/2023	Drinking Water distributed to customers	Bis(2-chloroethyl) ether	<RL	1.34	PPB	Exceeds drinking water screening limit of 0.014 ppb. Mainly used as a chemical intermediate in industry. Limited health effects information is available on this chemical.
3/28/2023	Drinking Water distributed to customers	Chlorodibromomethane	0.52	<RL	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
3/21/2023	Drinking Water distributed to customers	Bromodichloromethane	1.0	0.88	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
3/21/2023	Drinking Water distributed to customers	Chlorodibromomethane	0.71	0.59	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
3/21/2023	Drinking Water distributed to customers	Chloroform	0.93	1.11	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
3/21/2023	Drinking Water distributed to customers	Bis(2-chloroethyl) ether	<RL	1.65	PPB	Exceeds drinking water screening limit of 0.014 ppb. Mainly used as a chemical intermediate in industry. Limited health effects information is available on this chemical.
3/14/2023	Drinking Water distributed to customers	Chloroform	<RL	0.74	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
3/14/2023	Drinking Water distributed to customers	Bromodichloromethane	0.59	0.64	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
3/7/2023	Drinking Water distributed to customers	Bromodichloromethane	0.68	0.69	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
3/7/2023	Drinking Water distributed to customers	Chloroform	0.58	<RL	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination

2/28/2023	Drinking Water distributed to customers	Chloroform	0.99	1.04	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
2/28/2023	Drinking Water distributed to customers	Chlorodibromomethane	0.83	0.72	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
2/28/2023	Drinking Water distributed to customers	Bromodichloromethane	1.1	0.93	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
2/28/2023	Drinking Water distributed to customers	Bis(2-ethylhexyl) phthalate	<RL	0.24	PPB	Maximum allowed (MCL) of 6 ppb in treated drinking water, it is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
2/21/2023	Drinking Water distributed to customers	Bromodichloromethane	0.71	0.63	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
2/21/2023	Drinking Water distributed to customers	Chloroform	<RL	0.72	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
2/12/2023	Drinking Water distributed to customers	Chlorodibromomethane	0.58	< RL	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination
2/12/2023	Drinking Water distributed to customers	Bromodichloromethane	0.99	1.07	PPB	Maximum allowed (MCL) 80 ppb. Common by-product of drinking water chlorination

NOTE: NS = Not Sampled