

## East Palestine Public Water System Data

### Summary of Detections in East Palestine's Wells

Sample Collection Date	Location	Chemical Name	Eurofins Lab	Independent Lab (Summit)	Units	Comments
4/4/2023	Well water entering the plant (Well 1)	Di-n-butyl phthalate	<RL	0.36	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
4/4/2023	Well water entering the plant (Well 2)	Di-n-butyl phthalate	<RL	0.57	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
4/4/2023	Well water entering the plant (Well 5)	Di-n-butyl phthalate	<RL	0.49	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/28/2023	Well water entering the plant (Well 2)	Di-n-butyl phthalate	<RL	0.76	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/28/2023	Well water entering the plant (Well 5)	Di-n-butyl phthalate	<RL	0.33	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/21/2023	Well water entering the plant (Well 1)	Di-n-butyl phthalate	< RL	0.42	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/21/2023	Well water entering the plant (Well 2)	Di-n-butyl phthalate	< RL	0.56	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/21/2023	Well water entering the plant (Well 5)	Di-n-butyl phthalate	< RL	0.42	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/14/2023	Well water entering the plant (Well 1)	Di-n-butyl phthalate	<RL	0.23	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/14/2023	Well water entering the plant (Well 2)	Di-n-butyl phthalate	<RL	0.2	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/14/2023	Well water entering the plant (Well 5)	Di-n-butyl phthalate	<RL	0.46	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/7/2023	Well water entering the plant (Well 1)	Di-n-butyl phthalate	<RL	0.19	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/7/2023	Well water entering the plant (Well 2)	Di-n-butyl phthalate	<RL	0.34	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
3/7/2023	Well water entering the plant (Well 5)	Bis(2-ethylhexyl) phthalate	<RL	0.22	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.
3/7/2023	Well water entering the plant (Well 5)	Di-n-butyl phthalate	<RL	0.70	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
2/28/2023	Well water entering the plant (Well 1)	Di-n-butyl phthalate	<RL	0.49	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
2/28/2023	Well water entering the plant (Well 2)	Di-n-butyl phthalate	<RL	0.37	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
2/28/2023	Well water entering the plant (Well 4)	Bis(2-ethylhexyl) phthalate	<RL	0.23	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.
2/28/2023	Well water entering the plant (Well 5)	Di-n-butyl phthalate	<RL	0.39	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
2/24/2023	Well water entering the plant (Well 5)	Perfluorobutanoic acid (PFBA)	1.9	<RL	PPT	This is part of a group of man-made chemicals called per- and polyfluoroalkyl substances (PFAS), which are applied to many consumer goods to make them water- and stain-resistant. This is not likely to be associated with the train derailment.
2/21/2023	Well water entering the plant (Well 1)	Di-n-butyl phthalate	<RL	0.36	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
2/21/2023	Well water entering the plant (Well 2)	Di-n-butyl phthalate	<RL	0.82	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
2/21/2023	Well water entering the plant (Well 5)	Di-n-butyl phthalate	<RL	0.66	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.

2/10/2023	Well water entering the plant (Well 4)	Bis(2-ethylhexyl) phthalate	<RL	0.19	PPB	maximum allowed (MCL) of 0 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.
2/10/2023	Well water entering the plant (Well 3)	Methoxychlor	<RL	0.10	PPB	This comes from runoff or leaching from insecticide used on fruits, vegetables, alfalfa, livestock. This is not associated with the train derailment.
2/10/2023	Well water entering the plant (Well 2)	Benzo(b)fluoranthene	<RL	0.11	PPB	This is a substance generated from natural sources such as forest fires and human activity including emissions from coal and gas fired boilers, incinerators, maximum allowed (MCL) of 0 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.
2/10/2023	Well water entering the plant (Well 2)	Bis(2-ethylhexyl) phthalate	<RL	0.27	PPB	maximum allowed (MCL) of 0 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.
2/10/2023	Well water entering the plant (Well 2)	Butachlor	<RL	0.11	PPB	This is an herbicide used worldwide in corn, soybean and other crop cultures. This is not associated with the train derailment.
2/10/2023	Well water entering the plant (Well 2)	Di-n-butyl phthalate	<RL	0.67	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
2/10/2023	Well water entering the plant (Well 2)	Methoxychlor	<RL	0.14	PPB	This comes from runoff or leaching from insecticide used on fruits, vegetables, alfalfa, livestock. This is not associated with the train derailment.
2/10/2023	Well water entering the plant (Well 1)	Di-n-butyl phthalate	<RL	0.66	PPB	This is part of a group of chemicals used to make plastics more durable. This is not associated with the train derailment.
2/10/2023	Well water entering the plant (Well 2)	Carbon Disulfide	1.10	< RL	PPB	This can be found in gases released to the Earth's surface or produced by microorganisms in the soil. This is not associated with the train derailment.