



Burlington, WA Corporate Laboratory (a)  
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Bend, OR Microbiology (e)  
20332 Empire Blvd Ste 4 - Bend, OR 97701 - 541.639.8425



## SYNTHETIC ORGANIC COMPOUNDS (SOC) REPORT

Client Name: **Burton Water Company**  
PO Box 1938  
Vashon, WA 98070

Reference Number: **22-19103**  
Project: **Burton 515,525 & 524s**

Date Collected: **6/7/22 15:30**  
System ID Number: **09800**  
Lab Number: **046-36953**  
Sample Location: **N Tank (S11)**  
Sample Purpose: **C - Compliance**  
Sample Composition: **Single Source**  
Date Extracted: **508\_220613**  
Approved By: **pdm**  
Authorized By: *[Signature]*

Field ID:  
System Group Type: **A**  
System Name: **BURTON WATER COMPANY INC**  
County: **KING**  
Source Number: **11**  
Multiple Sources:  
Date Received: **6/8/2022 3:07:00PM**  
Date Analyzed: **06/15/22**  
Date: Reported: **7/7/22**  
Sample Type: **B - Before treatment**  
Sample Collected By: **Nick Simmons**  
Sampler Phone: **2067789638**

*[Signature]*  
Lawrence J Henderson, PhD  
Director of Laboratories, Vice President

### EPA Method 508.1 For State Drinking Water Compliance

DOH#	COMPOUNDS	RESULTS	UNITS	SRL	Trigger	MCL	Lab	Analyst	COMMENT
	<b>PCBs/Toxaphene</b>								
36	TOXAPHENE	ND	ug/L	1	1	3	a	MA	
122	CHLORDANE, TECHNICAL	ND	ug/L	0.2	0.2	2	a	MA	
	<b>EPA Unregulated</b>								
173	AROCLOR 1221	ND	ug/L	20	20		a	MA	
174	AROCLOR 1232	ND	ug/L	0.5	0.5		a	MA	
175	AROCLOR 1242	ND	ug/L	0.3	0.3		a	MA	
176	AROCLOR 1248	ND	ug/L	0.1	0.1		a	MA	
177	AROCLOR 1254	ND	ug/L	0.1	0.1		a	MA	
178	AROCLOR 1260	ND	ug/L	0.2	0.2		a	MA	
180	AROCLOR 1016	ND	ug/L	0.08	0.08		a	MA	
153	PCBS (Total Aroclors)	ND	ug/L	0.2		0.5	a	MA	

**NOTES:**  
If a compound is detected > or = to the State Reporting Level, SRL, specified increased monitoring frequencies may occur per DOH.  
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Trigger Level: DOH Drinking Water Response level. Systems with compounds detected in excess of this level are required to take additional samples. Contact your regional DOH office.  
ND (Not Detected): indicates that the parameter was not detected above the State Reporting Limit (SRL).  
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## HERBICIDES IN DRINKING WATER

Client Name: **Burton Water Company**  
PO Box 1938  
Vashon, WA 98070

Reference Number: 22-19103  
Project: Burton 515,525 & 524s

Date Collected: 6/7/22 15:30  
System ID Number: **09800**  
Lab Number: **046-36953**  
Sample Location: N Tank (S11)  
Sample Purpose: C - Compliance  
Sample Composition: Single Source  
Date Extracted: 515\_220615  
Approved By: pdm  
Authorized By:

Lawrence J Henderson, PhD  
Director of Laboratories, Vice President

Field ID:  
System Group Type: A  
System Name: BURTON WATER COMPANY INC  
County: KING  
Source Number: 11  
Multiple Sources:  
Date Received: 6/8/2022 3:07:00PM  
Date Analyzed: 06/28/22  
Date: Reported: 7/7/22  
Sample Type: B - Before treatment  
Sample Collected By: Nick Simmons  
Sampler Phone: 2067789638

### EPA Method 515.4 For State Drinking Water Compliance

DOH#	COMPOUNDS	RESULTS	UNITS	SRL	Trigger	MCL	Lab	Analyst	COMMENT
	<b>EPA Regulated</b>								
37	2,4 - D	ND	ug/L	0.1	0.1	70	a	BFR	
38	2,4,5 - TP (SILVEX)	ND	ug/L	0.2	0.2	50	a	BFR	
134	PENTACHLOROPHENOL	ND	ug/L	0.04	0.04	1	a	BFR	
137	DALAPON	ND	ug/L	1	1	200	a	BFR	
139	DINOSEB	ND	ug/L	0.2	0.2	7	a	BFR	
140	PICLORAM	ND	ug/L	0.1	0.1	500	a	BFR	
	<b>Other</b>								
138	DICAMBA	ND	ug/L	0.2	0.2		a	BFR	
225	DCPA (ACID METABOLITES)	ND	ug/L	0.1	0.1		a	BFR	
135	2,4 DB	ND	ug/L	1.0	1.0		a	BFR	
136	2,4,5 T	ND	ug/L	0.4	0.4		a	BFR	
220	BENTAZON	ND	ug/L	0.5	0.5		a	BFR	
221	DICHLORPROP	ND	ug/L	0.5	0.5		a	BFR	
223	ACIFLUORFEN	ND	ug/L	2.0	2.0		a	BFR	
226	3,5 - DICHLOROBENZOIC ACID	ND	ug/L	0.5	0.5		a	BFR	

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System ID Number: **09800**  
Lab Number: **046-36953**  
Sample Location: N Tank (S11)  
Sample Purpose: C - Compliance  
Sample Composition: Single Source  
Date Extracted: 525\_220613  
Approved By: pdm  
Authorized By:

Lawrence J Henderson, PhD  
Director of Laboratories, Vice President

Field ID:  
System Group Type: A  
System Name: BURTON WATER COMPANY INC  
County: KING  
Source Number: 11  
Multiple Sources:  
Date Received: 6/8/2022 3:07:00PM  
Date Analyzed: 07/05/22  
Date: Reported: 7/7/22  
Sample Type: B - Before treatment  
Sample Collected By: Nick Simmons  
Sampler Phone: 2067789638

### EPA Method 525.2 For State Drinking Water Compliance

DOH#	COMPOUNDS	RESULTS	UNITS	SRL	Trigger	MCL	Lab	Analyst	COMMENT
<b>EPA Regulated</b>									
33	ENDRIN	ND	ug/L	0.01	0.01	2	a	MA	
34	LINDANE (BHC - GAMMA)	ND	ug/L	0.02	0.02	0.2	a	MA	
35	METHOXYCHLOR	ND	ug/L	0.1	0.1	40	a	MA	
117	ALACHLOR	ND	ug/L	0.2	0.2	2	a	MA	
119	ATRAZINE	ND	ug/L	0.1	0.1	3	a	MA	
120	BENZO(A)PYRENE	ND	ug/L	0.02	0.02	0.2	a	MA	
124	DI(2-ETHYLHEXYL)-ADIPATE(DEHA)	ND	ug/L	0.6	0.6	400	a	MA	
125	DI(2-ETHYLHEXYL)-PHTHALATE(DEHP)	ND	ug/L	0.6	0.6	6	a	MA	
126	HEPTACHLOR	ND	ug/L	0.04	0.04	0.4	a	MA	
127	HEPTACHLOR EPOXIDE	ND	ug/L	0.02	0.02	0.2	a	MA	
128	HEXACHLOROENZENE	ND	ug/L	0.1	0.1	1	a	MA	
129	HEXACHLOROCYCLO-PENTADIENE	ND	ug/L	0.1	0.1	50	a	MA	
133	SIMAZINE	ND	ug/L	0.07	0.07	4	a	MA	
<b>EPA Unregulated</b>									
118	ALDRIN	ND	ug/L	0.1	0.1		a	MA	
121	BUTACHLOR	ND	ug/L	0.4	0.4		a	MA	
123	DIELDRIN	ND	ug/L	0.1	0.1		a	MA	
130	METOLACHLOR	ND	ug/L	1.0	1.0		a	MA	
131	METRIBUZIN	ND	ug/L	0.2	0.2		a	MA	
132	PROPACHLOR	ND	ug/L	0.1	0.1		a	MA	
254	FLUORENE	ND	ug/L	0.2	0.2		a	MA	
179	BROMACIL	ND	ug/L	0.2	0.2		a	MA	
<b>State Unregulated - Other</b>									
190	TERBACIL	ND	ug/L	0.1			a	MA	

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DOH#	COMPOUNDS	RESULTS	UNITS	SRL	Trigger	MCL	Lab	Analyst	COMMENT
208	EPTC	ND	ug/L	0.1			a	MA	
218	MOLINATE	ND	ug/L	0.1			a	MA	
232	4,4-DDD	ND	ug/L	0.1			a	MA	
233	4,4-DDE	ND	ug/L	0.1			a	MA	
234	4,4-DDT	ND	ug/L	0.1			a	MA	
261	DIMETHYL PHTHALATE	ND	ug/L	1.0			a	MA	
243	TRIFLURALIN	ND	ug/L	0.1			a	MA	
244	ACENAPHTHYLENE	ND	ug/L	0.2			a	MA	
246	ANTHRACENE	ND	ug/L	0.2			a	MA	
247	BENZO(A)ANTHRACENE	ND	ug/L	0.2			a	MA	
248	BENZO(B)FLUORANTHENE	ND	ug/L	0.2			a	MA	
250	BENZO(K)FLUORANTHENE	ND	ug/L	0.2			a	MA	
251	CHRYSENE	ND	ug/L	0.2			a	MA	
253	FLUORANTHENE	ND	ug/L	0.2			a	MA	
256	PHENANTHRENE	ND	ug/L	0.2			a	MA	
257	PYRENE	ND	ug/L	0.2			a	MA	
258	BENZYL BUTYL PHTHALATE	ND	ug/L	1.0			a	MA	
259	DI-N-BUTYL PHTHALATE	ND	ug/L	1.0			a	MA	
260	DIETHYL PHTHALATE	ND	ug/L	1.0			a	MA	

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