

Table 6  
Water Quality Parameters  
September 2021  
REXAM Beverage Can Company  
Kent, WA

Monitoring Well ID	ETMW-2	ETMW-3	ETMW-7	MW-101	MW-102	MW-103	MW-104	MW-105R	MW-106	MW-107	MW-108
Date Sampled	9/16/2021	9/15/2021	9/16/2021	9/16/2021	9/16/2021	9/15/2021	9/15/2021	9/16/2021	9/16/2021	9/15/2021	9/16/2021
Well location	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site
<b>Initial Readings</b>											
Time	10:22	9:20	9:15 **	15:25	12:18	12:05	10:40	13:25	10:55	16:05	16:35
Conductivity (mS/cm)	0.339	0.59	0.65 **	NM	0.428	0.92	0.405	0.52	0.57	0.211	0.85
Dissolved Oxygen (mg/l)	1.46	1.10	0.48 **	NM	0.52	0.53	0.66	1.35	0.45	0.55	0.65
ORP (mV)	37.7	-66.3	-23.6 **	NM	48.2	-68.7	-51.9	53.8	15.6	22.2	94.8
pH (SU)	6.47	6.89	6.79 **	NM	6.26	6.66	6.54	6.57	6.47	6.72	6.18
Turbidity (NTU)	934	81.1	3.13 **	NM	35.0	85.0	8.81	70.2	5.19	24.6	71.1
Temperature (° C)	17.2	17.8	20.3 **	NM	21.0	22.6	18.3	21.1	19.8	18.1	22.5
<b>Before Sampling</b>											
Time	*	9:50	9:35	NM	12:48	12:30	11:25	13:50 ***	11:20	16:30	17:05
Conductivity (mS/cm)	*	0.58	0.65	NM	0.405	0.90	0.403	0.477 ***	0.53	0.201	0.83
Dissolved Oxygen (mg/l)	*	0.72	0.29	NM	0.22	0.30	0.40	0.87 ***	0.27	0.21	0.32
ORP (mV)	*	-96.6	-71.4	NM	-31.8	-108.4	-95.4	17.6 ***	-38.7	-24.9	-35.8
pH (SU)	*	6.64	6.75	NM	6.62	6.78	6.71	6.43 ***	6.56	6.65	6.44
Turbidity (NTU)	*	3.39	1.31	NM	3.70	19.5	3.41	89.6 ***	6.16	5.23	7.20
Temperature (° C)	*	17.6	20.4	NM	22.3	21.2	19.9	21.1 ***	19.0	17.7	21.9
Sampling Time	12:00	9:51	9:37	16:05	12:50	12:32	11:25	14:40	11:21	16:32	17:10
Purge Rate (ml/minute)	<200	350	325	350	475	350	375	300	375	500	150
Volume Purged (gallons)	<1	3	3	3	4	2.5	4.5	2	2.5	3.5	1

**Legend:**

- ml = milliliters
- mg/l = milligrams per liter
- ORP = Oxidation Reduction Potential
- mV = millivolts
- mS/cm = millisiemens per centimeter
- °C = Degrees Celsius
- SU = Standard Units
- NTU = Nephelometric Turbidity Units
- \* = Well dried at purge rates <200 ml/minute. Sampled after recharge.
- \*\* = Purging started 0900, meter failed and replaced.
- \*\*\* = Last reading before well dried.
- NM = Not measured due to free product.

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Monitoring Well ID	MW-113	MW-201	MW-4	MW-5
Date Sampled	9/15/2021	9/16/2021	9/15/2021	9/15/2021
Well location	Site	Site	Protective Coatings, Inc., 1215 N. 2nd Ave.	
<b>Initial Readings</b>				
Time	17:15	8:05	15:00	13:50
Conductivity (mS/cm)	0.277	0.324	0.422	0.66
Dissolved Oxygen (mg/l)	1.97	0.43	0.72	0.36
ORP (mV)	83.0	67.3	36.5	-18.1
pH (SU)	6.32	7.31	6.77	6.74
Turbidity (NTU)	18.9	451	415	24.4
Temperature (° C)	18.2	18.7	19.5	18.9
<b>Before Sampling</b>				
Time	17:50	8:35	15:35	14:15
Conductivity (mS/cm)	0.290	0.312	0.407	0.67
Dissolved Oxygen (mg/l)	1.05	0.32	0.20	0.28
ORP (mV)	33.7	-46.3	-74.7	-87.2
pH (SU)	6.29	7.34	6.60	6.72
Turbidity (NTU)	16.9	58.0	8.62	12.9
Temperature (° C)	17.5	17.1	18.4	19.7
Sampling Time	17:52	8:35	15:37	14:17
Purge Rate (ml/minute)	200	450	275	350
Volume Purged (gallons)	1.75	3.5	2.5	2.5

Legend:

ml = milliliters  
mg/l = milligrams per liter  
ORP = Oxidation Reduction Potential  
mV = millivolts  
mS/cm = millisiemens per centimeter  
°C = Degrees Celsius  
SU = Standard Units  
NTU = Nephelometric Turbidity Units  
\* = Well dried at purge rates <200 ml/minute.  
Sampled after recharge.  
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replaced.  
\*\*\* = Last reading before well dried.  
NM = Not measured due to free product.