

# CONSOLIDATED MUTUAL MAPLE GROVE

## Calendar Year 2020 Monitoring Schedule

Mailing Address: PO BOX 150068 LAKEWOOD, CO 80215

Public Water System ID	Water System Name	Federal System Type	State Source Type	Service Connections	Population
CO0130020	CONSOLIDATED MUTUAL MAPLE GROVE	Community	Surface Water	6739	24135
Primary County	Minimum Certification for Treatment Operator	Minimum Certification for Distribution System Operator	Last Inspection	Seasonal	Water Hauler
JEFFERSON	A	3	03/19/2018	No	No

Contact Information			
All public water systems are required to maintain an Administrative Contact, Treatment Operator (if applicable), Distribution System Operator (if applicable), and Owner. If the information below is incorrect or blank please send us a contact update form. This form is available by visiting <a href="http://wqcdcompliance.com">wqcdcompliance.com</a> . The contact update form is located under 'Facility Operator Certification'. For operator certification information please visit <a href="http://colorado.gov/cdphe/ccwp-colorado-certified-water-professionals">colorado.gov/cdphe/ccwp-colorado-certified-water-professionals</a> .			
Administrative Contact	Treatment Operator	Distribution System Operator	Owner
CHRISTOPHER T JONES	JIM BOHKS	CHRIS JONES	JOHN BOYLE

### General Information

\*Samples must be collected at the location specified in the Monitoring Plan or Record of Approved Waterworks.\*

- Schedules are updated every Wednesday evening. Please contact your specialist with questions [wqcdcompliance.com](http://wqcdcompliance.com) or call us at 303-692-3556.
- Laboratory sampling results may be submitted using the Online Portal [wqcdcompliance.com/login](http://wqcdcompliance.com/login). Please do not email results or attachments to individuals.
- Please identify the **Facility ID and Sample Point ID** (listed below) when submitting sample results. Facility and Sample Point IDs are used to identify general sample site locations.
- Online records available at [environmentalrecords.colorado.gov/HPRMWebDrawer](http://environmentalrecords.colorado.gov/HPRMWebDrawer). Enter PWSID as the 'Title Word'.

#### Backflow Prevention and Cross-connection Control (BPCCC) Reminders:

- Annual BPCCC Reports need to be completed by May 1, 2019 for activities completed in 2018.
- The required survey compliance ratio for 2018 is 0.80, unless you have a CDPHE approved alternate ratio.
- The required assembly testing ratio for 2018 is 0.70 and the required method inspection ratio is 0.90.
- Annual BPCCC reports should **only be submitted to us if a violation occurred**. Annual BPCCC reports and supporting calculations will be reviewed during your next sanitary survey, however, we can request this information at any time.
- The 2019 required survey compliance ratio is 0.90, unless you have a CDPHE approved alternate ratio, which will need to be documented in the May 1, 2020 BPCCC annual report.
- The 2019 required assembly testing ratio is 0.80, and will need to be documented in the May 1, 2020 BPCCC annual report.

#### Storage Tank Reminders:

All storage tanks within the distribution must be inspected quarterly unless an alternative storage tank inspection schedule has been established and included in the written inspection plan. An alternative storage tank inspection schedule is subject to our review and revision, generally during a sanitary survey, but alternative inspection schedules can be requested by us at any time.

All storage tanks within the distribution are required to undergo a comprehensive tank inspection every five years. The first five-year cycle for completion of comprehensive tank inspections is due December 31, 2021.

### Monitoring Information

Distribution System Sample Schedules		
Facility ID DS001	Facility Name DISTRIBUTION SYSTEM	Facility Type Distribution System
<b>Microorganisms and Disinfectants</b>		
<b>TOTAL COLIFORM BACTERIA (TCR) Sample Schedule:</b>		<b>Collection Period:</b>
25 sample(s) <b>per Month</b> during the collection period		January 1, 2020 to December 31, 2020
<b>Sample Point ID(s) (Sample Point Name):</b> RTOR (ROUTINE ORIGINAL) RPOT (REPEAT OTHER) RPOR (REPEAT ORIGINAL) RPDN (REPEAT DOWNSTREAM) RPUP (REPEAT UPSTREAM) For <b>raw water source samples (i.e. non-distribution)</b> use the Facility ID and Sample Point ID listed at the end of this monitoring schedule		
<b>CHLORINE DIOXIDE Sample Schedule:</b>		
If Triggered by Non-Distribution System CHLORINE DIOXIDE MRDL Exceedance		
<b>TOTAL CHLORINE Sample Schedule:</b>		
Measure <b>every time</b> you collect a TOTAL COLIFORM BACTERIA (TCR) sample		
<b>Disinfection Byproducts</b>		
<b>TTHMs and HAA5s (Stage 2) Sample Schedule:</b>		<b>*Collection Period:*</b>
1 dual sample(s) <b>per sample point</b> for a <b>TOTAL of 4 dual sample(s) per Quarter</b> during the collection period		January 1, 2020 to December 31, 2020
<b>*Collection Restriction:</b> Sample(s) must be collected, <b>at a minimum</b> , in the following months: <b>February, May, August (Peak Month), November*</b>		<b>Compliance Check:</b> February May August (Peak Month) November
<b>State Sample Point ID(s) (System Location ID(s)):</b> DBP001 (2DBPR-1 EVANS AVE) DBP002 (2DBPR-2 ELDRIDGE) DBP003 (2DBPR-3 YANK) DBP004 (2DBPR-4 W 1ST AVE)		
<b>CHLORITE Sample Schedule:</b>		<b>Collection Period:</b>
1 sample(s) <b>per sample point</b> for a <b>TOTAL of 3 sample(s) per Quarter</b> during the collection period		January 1, 2020 to December 31, 2020
<b>State Sample Point ID(s) (System Location ID(s)):</b> CLO2- AVG (CHLORITE DS SAMPLING - AVERAGE RESIDENCE) CLO2- FIRST (CHLORITE DS SAMPLING - FIRST CUSTOMER) CLO2- MAX (CHLORITE DS SAMPLING - MAX RESIDENCE)		<b>Compliance Check:</b> 1st Quarter 2nd Quarter 3rd Quarter 4th Quarter
*In addition to the above routine sampling, if any entry point CHLORITE result exceeds 1.0 mg/L the System must collect 3 Distribution System samples the next day.*		

Distribution System Sample Schedules		
<b>Facility ID</b> DS001	<b>Facility Name</b> DISTRIBUTION SYSTEM	<b>Facility Type</b> Distribution System
<b>Lead and Copper</b>		
<b>LEAD AND COPPER Sample Schedule:</b>		<b>*Collection Period:*</b>
30 sample(s) <b>per Year</b>		June 1, 2020 to September 30, 2020
<p><b>*Collection Restriction:</b> Sample(s) <b>must be collected between June 1 and September 30*</b></p> <p><b>ALL SAMPLES MUST BE COLLECTED FROM DEPARTMENT-APPROVED SAMPLE SITES AND BE REPORTED WITH A STATE ASSIGNED SAMPLE POINT ID THAT BEGINS WITH 'LCR' FOLLOWED BY A 3 DIGIT NUMBER.</b> State Assigned Sample Point IDs and their Department approval status are available at the end of the monitoring schedule. If sites are not listed or are listed as 'Not Approved', please contact us at <a href="http://wqcdcompliance.com">wqcdcompliance.com</a>.</p> <p><b>60 sample sites must be maintained in the lead and copper sample pool on file with the Department</b> unless fewer sites are present. To add or manage sites visit <a href="http://wqcdcompliance.com/login">wqcdcompliance.com/login</a>.</p> <p>For additional Lead and Copper Rule resources, guidance, and sample collection instructions visit <a href="http://wqcdcompliance.com/forms">wqcdcompliance.com/forms</a>. Once results are received and processed the 90th percentile will be available by searching online records at <a href="http://environmentalrecords.colorado.gov/HPRMWebDrawer">environmentalrecords.colorado.gov/HPRMWebDrawer</a>. Enter PWSID as the 'Title Word'.</p>		

Non-Distribution System Sample Schedules					
Facility ID	Facility Name	Facility Type	Sample Point ID	Sample Point Name	Sample Point Type
001	MAPLE GROVE SWTP01	Treatment Plant	001	ENTRY POINT	Entry Point
Daily Schedules					
CHLORINE DIOXIDE Sample Schedule:				Collection Period:	
1 sample(s) <u>per Day</u> during the collection period				While Operating	
CHLORITE Sample Schedule:				Collection Period:	
1 sample(s) <u>per Day</u> during the collection period				While Operating	
TOTAL CHLORINE (ENTRY POINT RESIDUAL) Sample Schedule:				Collection Period:	
Sample <u>Continuously</u> during the collection period				While Operating	
TURBIDITY (CFE) Sample Schedule:				Collection Period:	
1 sample <u>every 4 Hours</u> during the collection period				While Operating	
Note: Sample(s) collected at a location representative of the <u>combined filtered water</u>					
Quarterly Schedules					
PENTACHLOROPHENOL Sample Schedule:				Collection Period:	
1 sample(s) <u>per Quarter</u> during the collection period				January 1, 2020 to December 31, 2020	
				Compliance Check:	
				1st Quarter	
				2nd Quarter	
				3rd Quarter	
				4th Quarter	

Non-Distribution System Sample Schedules					
Facility ID	Facility Name	Facility Type	Sample Point ID	Sample Point Name	Sample Point Type
001	MAPLE GROVE SWTP01	Treatment Plant	001	ENTRY POINT	Entry Point
Yearly Schedules					
<u>2,4-D Sample Schedule:</u>				<u>*Collection Period:*</u>	
1 sample(s) <u>per Year</u>				April 1, 2020 to June 30, 2020	
<i>*Collection Restriction:</i> Sample(s) <u>must be collected between April 1 and June 30*</u>					
<u>FLUORIDE Sample Schedule:</u>				<u>Collection Period:</u>	
1 sample(s) <u>per Year</u>				January 1, 2020 to December 31, 2020	
<u>INORGANICS GROUP Sample Schedule:</u>				<u>Collection Period:</u>	
1 sample(s) <u>per Year</u>				January 1, 2020 to December 31, 2020	
<u>NITRATE Sample Schedule:</u>				<u>Collection Period:</u>	
1 sample(s) <u>per Year</u>				January 1, 2020 to December 31, 2020	
<u>VOLATILE ORGANICS GROUP Sample Schedule:</u>				<u>Collection Period:</u>	
1 sample(s) <u>per Year</u>				January 1, 2020 to December 31, 2020	
3 Year Schedules					
<u>SYNTHETIC ORGANICS GROUP Sample Schedule:</u>				<u>*Collection Period:*</u>	
2 sample(s) <u>per 3 Years</u>				January 1 to December 31 (2020, 2021, <u>or</u> 2022)	
<i>*Collection Restriction:</i> The 2 samples <u>must</u> be collected in the <u>Same Calendar Year</u> , but in <u>Different Quarters*</u>					
6 Year Schedules					
<u>COMBINED URANIUM Sample Schedule:</u>				<u>Collection Period:</u>	
1 sample(s) <u>per 6 Years</u>				January 1, 2020 to December 31, 2025	
<u>GROSS ALPHA, WITHOUT RADON &amp; URANIUM Sample Schedule:</u>				<u>*Collection Period:*</u>	
1 sample(s) <u>per 6 Years</u>				January 1, 2020 to December 31, 2025	
<i>*Collection Restriction:</i> Sample(s) <u>must</u> be collected at the <u>same time</u> as the COMBINED URANIUM sample(s)*					
9 Year Schedules					
<u>COMBINED RADIUM (-226 &amp; -228) Sample Schedule:</u>				<u>Collection Period:</u>	
1 sample(s) <u>per 9 Years</u>				January 1, 2020 to December 31, 2028	
<u>NITRITE Sample Schedule:</u>				<u>Collection Period:</u>	
1 sample(s) <u>per 9 Years</u>				January 1, 2020 to December 31, 2028	

Compliance and Public Notice Schedules		
<b>CCR Compliance Schedule</b> Your 2019 <b><i>DRAFT</i></b> CCR will be posted at <a href="http://wqcdcompliance.com/">http://wqcdcompliance.com/</a> in March		
Activity Name	Activity Due Date	Activity Completion Date
SUBMIT CCR REPORT TO STATE	June 30, 2019	March 19, 2019
SUBMIT CERTIFICATE OF DELIVERY	June 30, 2019	May 3, 2019
<b>CCR Compliance Schedule</b> Your 2020 <b><i>DRAFT</i></b> CCR will be posted at <a href="http://wqcdcompliance.com/">http://wqcdcompliance.com/</a> in March		
Activity Name	Activity Due Date	Activity Completion Date
SUBMIT CCR REPORT TO STATE	June 30, 2020	Activity Not Completed
SUBMIT CERTIFICATE OF DELIVERY	June 30, 2020	Activity Not Completed
<b>Lead Consumer Notification - Delivery to consumers is required <u>within 30 days</u> after receipt of data from laboratory</b>		
Activity Name	Activity Due Date	Activity Completion Date
SUBMIT ONE (1) LEAD CONSUMER NOTICE AND CERTIFICATE OF DELIVERY	December 31, 2020	Activity Not Completed

Facility Specific Levels		
<b><u>Facility ID</u></b> DS001	<b><u>Facility Name</u></b> DISTRIBUTION SYSTEM	<b><u>Facility Type</u></b> Distribution System
Analyte Name	Level	Level Type
TOTAL CHLORINE	0.2 mg/L	Minimum
TOTAL CHLORINE	4.0 mg/L	Maximum
CHLORINE DIOXIDE	0.8 mg/L	Maximum
CHLORITE	1.0 mg/L	Maximum
<b><u>Facility ID</u></b> 001	<b><u>Facility Name</u></b> MAPLE GROVE SWTP01	<b><u>Facility Type</u></b> Treatment Plant
Analyte Name	Level	Level Type
TURBIDITY	0.5 NTU	Maximum
TURBIDITY	0.1 NTU	95th Percentile
TOTAL CHLORINE (MICROBIAL INACTIVATION AND ENTRY POINT RESIDUAL)	0.2 mg/L	Minimum
CHLORINE DIOXIDE	0.8 mg/L	Maximum
CHLORITE	1.0 mg/L	Maximum

Facility Information				Sample Point Information Visit <a href="https://wqcdcompliance.com/login">https://wqcdcompliance.com/login</a> to manage lead and copper sites.	
Facility ID	Active Status	Facility Name	Facility Type	Sample Point ID	Sample Point Name
001	A	MAPLE GROVE SWTP01	Treatment Plant	001	ENTRY POINT
002	A	MAPLE GROVE RESERVOIR INTAKE	Intake	002	RAW
003	A	CONS MUT NO 2 DENVER WATER	Consecutive Connection	003	PURCHASED
004	A	TABLE MOUNTAIN NO 1 TANK	Storage	004	NOT ENTRY POINT
005	A	CELL A TANK	Storage	005	NOT ENTRY POINT
006	A	CELL B TANK	Storage	006	NOT ENTRY POINT
007	A	TABLE MOUNTAIN NO 2 TANK	Storage	007	NOT ENTRY POINT
008	A	COLLEGE PARK NO 1 TANK	Storage	008	NOT ENTRY POINT
009	A	COLLEGE PARK NO 2 TANK	Storage	009	NOT ENTRY POINT
010	A	COLLEGE PARK NO 3 TANK	Storage	010	NOT ENTRY POINT
011	A	COLLEGE PARK NO 4 TANK	Storage	011	NOT ENTRY POINT
012	A	FAIRMOUNT RESERVOIR EMERGENCY INTAKE	Intake	012	RAW
013	A	WELTON RESERVOIR EMERGENCY INTAKE	Intake	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT
014	A	GREEN MT SMALL TANK	Storage	014	DIST TANK
015	A	GREEN MT LARGE TANK	Storage	015	DIST TANK
016	A	STATION 6	Pump Facility	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT
017	A	STATION 8	Pump Facility	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT
018	A	STATION 9	Pump Facility	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT
019	A	STATION 10	Pump Facility	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT
020	A	STATION 13	Pump Facility	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT

021	A	STATION 16	Pump Facility	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT
022	A	STATION 17	Pump Facility	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT
023	A	SMART RESERVOIR	Reservoir	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT
DS001	A	DISTRIBUTION SYSTEM	Dist System/Zone	CLO2- AVG	CHLORITE DS SAMPLING - AVERAGE RESIDENCE
				CLO2- FIRST	CHLORITE DS SAMPLING - FIRST CUSTOMER
				CLO2- MAX	CHLORITE DS SAMPLING - MAX RESIDENCE
				DBP001	2DBPR-1 EVANS AVE
				DBP002	2DBPR-2 ELDRIDGE
				DBP003	2DBPR-3 YANK
				DBP004	2DBPR-4 W 1ST AVE
				LCR039	39-Approved
				LCR040	40-Approved
				LCR041	41-Approved
				LCR042	42-Approved
				LCR043	43-Approved
				LCR044	44-Approved
				LCR045	45-Approved
				LCR046	46-Approved
				LCR047	47-Approved
				LCR048	48-Approved
				LCR049	49-Approved
				LCR050	50-Approved
				LCR052	52-Approved
				LCR053	53-Approved
				LCR054	54-Approved
				LCR055	55-Approved
				LCR056	56-Approved
				LCR057	57-Approved
				LCR058	58-Approved

DS001	A	DISTRIBUTION SYSTEM	Dist System/Zone	LCR059	59-Approved
				LCR060	60-Approved
				LCR061	61-Approved
				LCR062	62-Approved
				LCR063	63-Approved
				LCR064	64-Approved
				LCR065	65-Approved
				LCR066	66-Approved
				LCR067	67-Approved
				LCR068	68-Approved
				LCR069	69-Approved
				LCR071	71-Approved
				LCR072	72-Approved
				LCR073	73-Approved
				LCR074	74-Approved
				LCR075	75-Approved
				LCR076	76-Approved
				LCR077	77-Approved
				LCR078	78-Approved
				LCR079	79-Approved
				LCR080	80-Approved
				LCR081	81-Approved
				LCR082	82-Approved
				LCR083	83-Approved
				LCR084	84-Approved
				LCR085	85-Approved
				LCR086	86-Approved
				LCR087	87-Approved
				LCR088	88-Approved
				LCR089	89-Approved
				LCR090	90-Approved
				LCR091	91-Approved
				LCR092	92-Approved



DS001	A	DISTRIBUTION SYSTEM	Dist System/Zone	LCR093	93-Approved
				LCR094	94-Approved
				LCR095	95-Approved
				LCR096	96-Approved
				LCR097	97-Approved
				LCR098	98-Approved
				LCR099	99-Approved
				LCR100	100-Approved
				LCR101	101-Approved
				LCR102	102-Approved
				LCR103	103-Approved
				LCR104	104-Approved
				LCR105	105-Approved
				LCR106	106-Approved
				LCR107	107-Approved
				LCR108	108-Approved
				LCR109	109-Approved
				LCR110	110-Approved
				LCR111	111-Approved
				LCR112	112-Approved
				LCR113	113-Approved
				LCR114	114-Approved
				LCR115	115-Approved
				LCR116	116-Approved
				LCR117	117-Approved
				LCR118	118-Approved
				LCR119	119-Approved
				LCR120	120-Approved
				LCR121	121-Approved
				RPDN	REPEAT DOWNSTREAM
				RPOR	REPEAT ORIGINAL
				RPOT	REPEAT OTHER
				RPUP	REPEAT UPSTREAM

DS001	A	DISTRIBUTION SYSTEM	Dist System/Zone	RTOR	ROUTINE ORIGINAL
SS001	A	COMBINED RAW SOURCE	Sampling Station	SS001	COMBINED RAW SOURCE
024	I	LSE SED BASIN	Treatment Plant	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT
025	I	SOUTH SED BASIN	Treatment Plant	NO ACTIVE SAMPLING POINT	NO ACTIVE SAMPLING POINT

Time Period Definitions		
Time Period	Start Date	End Date
First Quarter	January 1, 2020	March 31, 2020
Second Quarter	April 1, 2020	June 30, 2020
Third Quarter	July 1, 2020	September 30, 2020
Fourth Quarter	October 1, 2020	December 31, 2020
First 6 Months	January 1, 2020	June 30, 2020
Second 6 Months	July 1, 2020	December 31, 2020
Year	January 1, 2020	December 31, 2020

Analyte Group Definitions		
Analyte Group Name	Analytes in Group	Number of Analytes in Group
INORGANICS GROUP	ANTIMONY   ARSENIC   BARIUM   BERYLLIUM   CADMIUM   CHROMIUM   MERCURY   NICKEL   SELENIUM   SODIUM   THALLIUM	11
SYNTHETIC ORGANICS GROUP	1,2-DIBROMO-3-CHLOROPROPANE   2,4,5-TP   2,4-D   ALDICARB   ALDICARB SULFONE   ALDICARB SULFOXIDE   ATRAZINE   BENZO(A)PYRENE   BHC-GAMMA   CARBOFURAN   CHLORDANE   DALAPON   DI(2-ETHYLHEXYL) ADIPATE   DI(2-ETHYLHEXYL) PHTHALATE   DINOSEB   DIQUAT   ENDOTHALL   ENDRIN   ETHYLENE DIBROMIDE   HEPTACHLOR   HEPTACHLOR EPOXIDE   HEXACHLOROBENZENE   HEXACHLOROCYCLOPENTADIENE   LASSO   METHOXYCHLOR   OXAMYL   PENTACHLOROPHENOL   PICLORAM   SIMAZINE   POLYCHLORINATED BIPHENYLS (PCB)   TOXAPHENE	31
VOLATILE ORGANICS GROUP	1,1,1-TRICHLOROETHANE   1,1,2-TRICHLOROETHANE   1,1-DICHLOROETHYLENE   1,2,4-TRICHLOROBENZENE   1,2-DICHLOROETHANE   1,2-DICHLOROPROPANE   BENZENE   CARBON TETRACHLORIDE   CHLOROBENZENE   CIS-1,2-DICHLOROETHYLENE   DICHLOROMETHANE   ETHYLBENZENE   O-DICHLOROBENZENE   P-DICHLOROBENZENE   STYRENE   TETRACHLOROETHYLENE   TOLUENE   TRANS-1,2-DICHLOROETHYLENE   TRICHLOROETHYLENE   VINYL CHLORIDE   XYLENES (TOTAL)	21