



Effective virus concentration value is derived by adjusting the raw virus concentration to account for dilution and other factors.

<u>Location</u>	<u>Date</u>	<u>Kit</u>	<u>SARS-CoV-2 raw concentration</u> <u>[copies/L]</u>	<u>SARS-CoV-2 effective concentration</u> <u>[copies/L]</u>	<u>PMMoV raw concentration</u> <u>[copies/L]</u>	<u>Detection status</u>	<u>Analysis version</u>	<u>Protocols version(s)</u>	<u>Catchment population</u> <u>[people]</u>
Carmel Area WD (CA) - Facility Influent	8/9/2023	KIT-BF411	897,172.00	883,279.00	96,796,222	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	8/7/2023	KIT-BF409	843,366.00	588,488.00	136,571,135	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	8/2/2023	KIT-BF410	491,080.00	332,219.00	140,866,666	quantifiable	v3.1	v5.0	15000

<u>Location</u>	<u>Date</u>	<u>Kit</u>	<u>SARS-CoV-2</u>			<u>Detection</u>	<u>Analysis</u>	<u>Protocols</u>	<u>Catchment</u>
			<u>SARS-CoV-2 raw</u>	<u>effective</u>	<u>PMMoV raw</u>				
			<u>concentration</u>	<u>concentration</u>	<u>concentration</u>	<u>status</u>	<u>version</u>	<u>version(s)</u>	<u>population</u>
			<u>[copies/L]</u>	<u>[copies/L]</u>	<u>[copies/L]</u>				<u>[people]</u>
Carmel Area WD (CA) - Facility Influent	7/31/2023	KIT-BF408	428,154.00	237,146.00	172,054,323	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	7/26/2023	KIT-BC590	287,437.00	303,295.00	90,314,603	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	7/24/2023	KIT-BC587	513,649.00	278,722.00	175,621,073	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	7/19/2023	KIT-BC372	1,761,342.00	881,432.00	190,430,147	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	7/17/2023	KIT-BC379	527,948.00	303,174.00	165,951,002	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	7/12/2023	KIT-BC586	741,526.00	450,919.00	156,714,293	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	7/10/2023	KIT-BC589	428,144.00	237,729.00	171,627,615	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	7/5/2023	KIT-BC378	572,322.00	320,458.00	170,196,100	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	7/3/2023	KIT-BC371	460,460.00	197,908.00	221,722,363	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	6/29/2023	KIT-AY128	1,350,481.00	744,394.00	172,888,515	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	6/27/2023	KIT-AY126	1,376,423.00	660,929.00	198,462,362	quantifiable	v3.1	v5.0	15000
Carmel Area WD (CA) - Facility Influent	6/21/2023	KIT-AY123	452,119.00	155,529.00	277,027,081	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	6/19/2023	KIT-AY127	424,458.00	171,449.00	235,928,988	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	6/14/2023	KIT-AY129	512,745.00	201,577.00	242,404,738	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	6/12/2023	KIT-AY125	559,231.00	330,420.00	161,289,207	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	6/7/2023	KIT-AY124	234,274.00	164,422.00	135,782,802	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	6/5/2023	KIT-AY130	390,180.00	165,107.00	225,205,688	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/31/2023	KIT-AU928	445,597.00	179,577.00	236,467,524	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/29/2023	KIT-AU981	426,954.00	255,618.00	159,173,388	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/24/2023	KIT-AU929	452,417.00	159,566.00	270,196,674	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/22/2023	KIT-AU926	443,076.00	228,368.00	184,894,081	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/17/2023	KIT-AU982	674,946.00	343,865.00	187,051,973	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/15/2023	KIT-AU927	676,881.00	436,735.00	147,698,073	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/10/2023	KIT-AU983	839,173.00	480,665.00	166,375,632	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/8/2023	KIT-AU930	573,134.00	365,583.00	149,399,880	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/3/2023	KIT-AM252	616,226.00	471,230.00	124,620,079	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	5/1/2023	KIT-AM255	489,005.00	414,259.00	112,492,044	quantifiable	v3.1	v4.3.1	15000
Carmel Area WD (CA) - Facility Influent	4/26/2023	KIT-AM254	351,890.00	329,321.00	101,828,102	quantifiable	v3.1	v4.3	15000
Carmel Area WD (CA) - Facility Influent	4/24/2023	KIT-AM347	294,097.00	241,338.00	116,130,555	quantifiable	v3.1	v4.3	15000
Carmel Area WD (CA) - Facility Influent	4/19/2023	KIT-AM391	579,452.00	392,972.00	140,519,553	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	4/17/2023	KIT-AM088	565,732.00	550,287.00	97,971,892	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	4/11/2023	KIT-AM389	480,851.00	412,667.00	111,043,089	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	4/4/2023	KIT-AM390	569,274.00	493,139.00	110,010,122	quantifiable	v3.1	v4.2.2	15000

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			<u>SARS-CoV-2 raw</u>	<u>effective</u>	<u>PMMoV raw</u>				
			<u>concentration</u>	<u>concentration</u>	<u>concentration</u>	<u>status</u>	<u>version</u>	<u>version(s)</u>	<u>population</u>
			<u>[copies/L]</u>	<u>[copies/L]</u>	<u>[copies/L]</u>				<u>[people]</u>
Carmel Area WD (CA) - Facility Influent	3/28/2023	KIT-AL324	447,477.00	232,132.00	183,703,161	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	3/21/2023	KIT-AL323	599,228.00	529,372.00	107,872,777	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	3/14/2023	KIT-AL333	440,461.00	664,885.00	63,130,784	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	3/7/2023	KIT-AG072	777,847.00	848,091.00	87,404,180	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	2/28/2023	KIT-AG071	931,289.00	480,572.00	184,674,550	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	2/21/2023	KIT-AG065	1,371,688.00	1,189,763.00	109,869,119	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	2/14/2023	KIT-AD377	1,230,981.00	581,431.00	201,759,355	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	2/7/2023	KIT-AD356	907,747.00	524,976.00	164,780,792	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	1/31/2023	KIT-AD365	648,257.00	442,685.00	139,550,898	quantifiable	v3.1	v4.2.2	15000
Carmel Area WD (CA) - Facility Influent	1/24/2023	KIT-C1843	441,639.00	358,060.00	117,541,558	quantifiable	v3.1	v4.2.1	15000
Carmel Area WD (CA) - Facility Influent	1/17/2023	KIT-C1842	489,475.00	1,101,429.00	42,350,140	quantifiable	v3.1	v4.2.1	15000
Carmel Area WD (CA) - Facility Influent	1/10/2023	KIT-C1835	148,022.00	359,562.00	39,231,301	quantifiable	v3.1	v4.2.1	15000
Carmel Area WD (CA) - Facility Influent	1/3/2023	KIT-ZZ936	650,903.00	739,902.00	83,834,556	quantifiable	v3.1	v4.2.1	15000