

City of Lancaster, Ohio  
Division of Water  
Historical Groundwater Quality Data

PARAMETERS	Units	MCL/SMCL/ ACTION LEVEL	Well #15																							
			Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Apr-17	Jul-17	Oct-17	Apr-18	Oct-18	Apr-19	
<b>INORGANICS</b>																										
ALUMINUM	mg/L	50 to 200 (S)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	ND	ND	ND	ND	ND	ND	
ANTIMONY	ug/L	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
ARSENIC	ug/L	10.0	4	4	ND	5	8	7	10	3	ND	5	ND	4	6.9	ND	ND	3.6	ND	3.2	7.1	7.0	ND	13.0	5.0	
BARIUM	ug/L	2000	97	99	104	98	113	97	108	107	96	164	141	104	106	100	105	101	106	125	111	115	111	83.2	116.0	
BERYLLIUM	ug/L	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CADMIUM	ug/L	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CALCIUM	mg/L	--	120	120	127	125	130	117	123	124	114	114	122	122	119	133	124	121	122	122	110	125	107	122	122	
CHROMIUM	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
COBALT	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
COPPER	ug/L	1000 (S) / 1300 (A)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9	ND	ND	
CYANIDE	mg/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
IRON	ug/L	300 (S)	ND	275	ND	ND	792	342	1260	ND	ND	ND	ND	ND	417	1200	983	394	484	ND	ND	ND	ND	ND	ND	
LEAD	ug/L	15 (A)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MAGNESIUM	mg/L	--	32.5	33.5	33.9	33.8	36.5	34.7	36.0	36.4	35.9	35.3	33.6	35.5	34.4	38.9	35.6	34.2	34.4	34.9	34.3	35.0	33.0	32.4	32.2	
MANGANESE	ug/L	50 (S)	216	215	211	221	217	213	233	209	226	151	207	228	230	218	214	222	212	188	188	198	190	221	183	
MERCURY	ug/L	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
NICKEL	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
POTASSIUM	mg/L	--	5.3	5.2	5.1	5.2	6.6	5.1	5.2	5.2	4.8	4.0	4.1	5.0	5.5	5.1	4.9	5.2	5.3	5.0	5.8	6.1	4.9	5.4	4.6	
SELENIUM	ug/L	50.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SILVER	ug/L	100 (S)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SODIUM	mg/L	--	58.9	53.4	55.3	54.9	65.7	49.0	58.9	48.4	57.2	37.1	46.5	55.7	60.7	59.5	56.8	52.5	53.8	48.7	56.2	62.0	54.9	53.3	53.2	
SULFIDE	mg/L	--	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
THALLIUM	ug/L	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TIN	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
VANADIUM	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
ZINC	ug/L	5000 (S)	ND	ND	ND	ND	ND	ND	13.0	ND	ND	ND	ND	ND	ND	ND	28.0	ND	ND	ND	ND	ND	15.0	17.0	ND	ND
<b>VOLATILE ORGANICS VOC'S</b>																										
Method 8260	Varies	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*ND	ND	ND	ND	ND	ND	ND

(S) = Secondary Maximum Contaminant Level

(A) = Action Level

(O) = Ohio EPA Primary Maximum Contaminant Level

D = DETECTED

ND = NOT DETECTED

NA = NOT ANALYZED

NM = NOT MEASURED

\* Jan. 2017 - VOC's Out of Hold Time when analyzed