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

PARAMETERS	Units	MCL/SMCL/ ACTION LEVEL	Well #23																					
			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
INORGANICS																								
ALUMINUM	mg/L	50 to 200 (S)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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
ARSENIC	ug/L	10.0	7.0	9.0	7.0	9.0	8.0	11.0	20.0	9.0	9.0	5.0	5.7	7.4	6.9	15.7	10.1	8.0	7.3	4.2	8.3	5.0	9.0	5.0	4.0
BARIUM	ug/L	2000	79	74	69	84	81	85	85	72	71	154	113	89	88	89	84	81.4	75.4	125.0	84.0	84.0	100	93.3	103.0
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	--	136	134	138	140	134	129	141	135	126	116	120	135	118	158	138	127	124	118	128	126	94	126	123
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	ND	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	460	ND	292	782	1400	2420	131	490	ND	ND	241	281	2160	1350	885	821	ND	113	476	1090	ND	115
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	--	36.3	37.4	35.8	36.0	37.9	37.6	39.7	37.8	38.4	35.4	35.1	37.6	34.4	41.5	36.7	33.5	33.4	35.0	32.7	33.0	34.0	32.0	32.6
MANGANESE	ug/L	50 (S)	270	279	263	260	220	241	286	253	272	164	169	249	236	269	259	249	237	187	195	204	220	184	207
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	--	5.8	5.9	5.4	5.6	5.1	4.9	5.7	5.6	5.0	4.3	3.6	4.6	4.3	5.4	5.1	5.3	5.2	5.1	4.8	4.8	4.7	4.3	4.3
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	--	67.8	67.0	66.4	66.9	55.6	58.0	69.9	61.4	70.7	41.4	40.2	66.7	60.3	89.6	83.0	83.4	76.8	48.8	63.7	57.0	76.4	60.3	60.8
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)	28	22	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	52	11	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANICS VOC'S																									
Method 8260	Varies	Varies	ND	ND	ND	ND	ND	D^1	ND	ND	ND	ND	ND	D^2	ND	ND	ND	ND	*ND	ND	ND	ND	ND	ND	ND	ND
			D^1 - ACETONE 2.3ug/l, D^2 - ACETONE 7.5ug/l																						

(S) = Secondary Maximum Contaminant Level

(A) = Action Level

(O) = Ohio EPA Primary Maximum Contaminant Level

D = DETECTED

ND = NOT DETECTED

NA = NOT ANALZED

NM = NOT MEASURED

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