City of Lancaster, Ohio
Division of Water
South Wellhead Protection Program
Historical Groundwater Data

PARAMETERS	Units	MCL/SMCL/ ACTION LEVEL	MW-11																								
			May-02	Nov-02	May-03	Nov-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	May-07	Nov-07	Jul-08	Nov-08	May-09	Apr-15	Apr-16	Oct-17	Oct-18	Nov-19	Nov-20	DUP-20			
3																											
MERCURY	ug/L	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
ANTIMONY	ug/L	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
ARSENIC	ug/L	10.0	14.9	16.9	13.5	15.6	12.8	16	18.1	14.5	16.7	14.3	17.9	15.6	17.5	16.2	14.7	13	17	NS	14	17	16	17			
THALLIUM	ug/L	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
BERYLLIUM	ug/L	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	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	NS	ND	ND	ND	ND			
CALCIUM	mg/L	--	74.9	61.4	61.3	59.2	61.6	62.3	62.2	61	59.3	59.7	60.6	58.8	57.6	60.4	57.5	61	76.2	NS	77.7	76.4	73.7	73.4			
CHROMIUM	ug/L	100.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
COBALT	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
COPPER	ug/L	1000 (S) / 1300 (A)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	NS	ND	ND	ND	ND			
IRON	ug/L	300 (S)	657	719	697	680	797	667	628	766	733	631	730	718	1640	1060	686	ND	ND	NS	109	369	227	255			
LEAD	ug/L	15 (AL)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
MAGNESIUM	mg/L	--	19	17.4	17.1	16.5	16.9	17.2	17.9	17.2	17.2	16.7	16.9	16.9	16.5	17.3	16.1	19	23.6	NS	21.8	21.5	21.2	21.1			
MANGANESE	ug/L	50 (S)	176	167	168	159	194	145	140	188	175	161	177	161	172	178	176	196	200	NS	207	212	211	211			
NICKEL	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	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	NS	ND	ND	ND	ND			
TIN	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
VANADIUM	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
ZINC	ug/L	5000 (S)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
NITRATE	mg/L	10	ND	ND	ND	ND	ND	ND	ND	ND	0.12	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
NITRITE	mg/L	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
CHLORIDE	mg/L	250 (S)	34	34	33	30	26	23	23	16.4	17.1	15	15.9	15.9	15.5	16.6	3.3	37	39.2	NS	35	36.2	36	36			
C.O.D.	mg/L	--	ND	ND	ND	ND	ND	11	7	ND	ND	ND	ND	ND	ND	ND	ND	33.9	ND	NS	59.2	ND	ND	ND			
NITROGEN, AMMONIA	mg/L	--	0.16	0.16	0.12	0.16	0.1	0.17	0.16	ND	ND	ND	ND	ND	ND	ND	ND	0.2	0.2	NS	ND	0.2	ND	ND			
CYANIDE	mg/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
SELENIUM	ug/L	50																					ND	ND			
SULFIDE	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.27	ND	NS	1.23	ND	ND	ND			
VOLATILE ORGANICS VOC'S																											
Method 8260	ug/L	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
PESTICIDES																											
Method 8081	ug/L	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
HERBICIDES																											
Method 8151	ug/L	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND			
FIELD PARAMETERS																											
STATIC WATER LEVEL	* from reference point																	8.24	9.87	NS	9.85	9.9	10.6				
Temperature	°C		12.4	11.8	12.5	12	13.3	13.2	13.4	NA	13.4	13.2	13.9	12.9	14.3	12.1	14.3	14.8	14.6	NS	13.5	12.5	12.5				
pH	S.U.	6.5-8.5 (S)	7.56	7.47	7.39	7.62	6.96	7.51	7.5	NA	7.54	7.51	7.77	7.73	7.61	7.62	7.75	7.53	7.54	NS	7.66	7.57	7.68				
Specific Conductance	umhos/cm	--	523	416	463	509	482	480	360	NA	430	415	421	415	189	420	474	550	609	NS	617	606	604				

(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