

MERAMEC VALLEY CAMP RESORT
2007 Annual Water Quality Report
(Consumer Confidence Report)
Contaminants Report

MO6210144

Definitions:

MCLG: Maximum Contaminant Level Goal, or the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL: Maximum Contaminant Level, or the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level, or the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow..

TT: Treatment Technique, or a required process intended to reduce the level of a contaminant in drinking water.

90th percentile: For lead and Copper testing. 10% of test results are above this level and 90% are below this level.

Level Found: is the average of all test results for a particular contaminant.

Range of Detections: Shows the lowest and highest levels found during a testing period, if only one sample was taken, then this number equals the Level Found.

MRLDG: Maximum Residual Disinfectant Level Goal, or the level of a drinking water disinfectant below which there is no known or expected risk to health.

MRDL: Maximum Residual Disinfectant Level, or the highest level of a disinfectant allowed in drinking water.

Abbreviations:

PPB: parts per billion or micrograms per liter.

ppm: parts per million or milligrams per liter.

n.a: not applicable.

NTU: Nephelometric Turbidity Unit, used to measure cloudiness in drinking water.

MFL: million fibers per liter, used to measure asbestos concentration.

nd: not detectable at testing limits.

The state has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Records with a sample year more than one year old are still considered representative.

Regulated Contaminants

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
BARIUM	6/25/2006	0.0514	0.0514	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
NITRATE+NITRITE (AS N)	3/26/2007	0.08	0.08	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Disinfection By Products	Monitoring Period	RAA	Range	Unit	MCL	MCLG	Typical Source
No Detected Results were Found in the Calendar Year of 2007							

Lead and Copper	Date	90 TH Percentile	Range	Unit	AL	Sites Over AL	Typical Source
COPPER	2007	0.0527	0.00128 - 0.0573	ppm	1.3	0	Corrosion of household plumbing systems
LEAD	2007	2.6	1.25 - 3.21	ppb	15	0	Corrosion of household plumbing systems

Microbiological	Result	MCL	MCLG	Typical Source
No Detected Results were Found in the Calendar Year of 2007				

Tuesday, May 06, 2008

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Violations and Health Effects Information

During the 2007 calendar year, we had the below noted violation(s) of drinking water regulations.

Type	Category	Analyte	Compliance Period
No Violations Occurred in the Calendar Year of 2007			

Any Additional Required Health Effects Language or Violation Notices
 There are no additional required health effects notices.
 There are no additional required health effects violation notices.

Optional Monitoring (not required by EPA)
Optional Contaminants

Monitoring is not required for optional contaminants.

Secondary Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
ALKALINITY, TOTAL	6/25/2006	249	249	MG/L			
CALCIUM	6/25/2006	46.7	46.7	MG/L			
HARDNESS, CARBONATE	6/25/2006	248	248	MG/L			
IRON	6/25/2006	0.01	0.01	MG/L	0.3		
MAGNESIUM	6/25/2006	31.8	31.8	MG/L			
PH	6/25/2006	7.5	7.5	PH	8.5		
POTASSIUM	6/25/2006	1.07	1.07	MG/L			
SODIUM	6/25/2006	2.69	2.69	MG/L		20	
SOLIDS, TOTAL DISSOLVED (TDS)	6/25/2006	234	234	MG/L	500		
SULFATE	6/25/2006	7.56	7.56	MG/L	250		
ZINC	6/25/2006	0.0598	0.0598	MG/L	5		

Tuesday, May 06, 2008