

ANNUAL DRINKING WATER QUALITY REPORT- 2015  
SESSER, IL

Introduction

This year, as in past years, your tap water met all U.S.E.P.A. and State drinking Water health standards. The City vigilantly safeguards its water supply, it is noted that our system had no violations of a contaminant level or of any other water quality standard in 2015. This report summarizes the quality of water that we provided last year, including details about where the water comes from, what it contains and how it compares to standards set by regulatory agencies. We are committed to providing you with this information about the water you are receiving.

If you have any questions about this report or concerns about your water system, please contact Jerome Kopec at the Sesser Water Dept at (618) 625-3611. Board meetings are held the Second Thursday of each month at 6:30 pm at the Community Bld located at 110 North Walnut St. in Sesser IL

Water Source Assessment

The City purchases water from the Rend lake Water Plant. Intercity draws surface water from the intake structure at Rend Lake: The source water assessment for the Rend lake supply has been completed by the Illinois E.P.A. The Illinois E.P.A considers all surface water sources susceptible to potential pollution problems. For your own copy of this report you may access the Illinois EPA website at <http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl>.

Health Issues

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/Aids or other immune systems disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. US E.P.A. / C.D.C. guide lines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the USEPA'S Safe Drinking Water Hotline at 1-800-426-4791.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health affects can be obtained by calling the USEPA's Safe Drinking Water Hotline at 1-800-426-4791.

In order to insure that tap water is safe to drink, USEPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminant Source

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it can dissolve naturally occurring minerals and radio active material, and can pick-up substances resulting from the presence of animals or from human activity. Possible contaminants consist of;

- Microbial Contaminants such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic Contaminants such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial, or domestic waste water discharges, oil and gas production, mining or farming.
- Pesticides & Herbicides which may come from a variety of sources such as agricultural, urban storm water runoff and residential uses.
- Organic Chemical Contaminant including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also, come from gas stations, urban storm water runoff and septic systems.
- Radioactive Contaminants which maybe naturally occurring or be the result of oil and gas production and mining activities.
- Lead If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing you tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Jerome Kopec  
Water Superintendent

Annual Drinking Water Quality Report  
 City of Sesser, Illinois  
 II00550450

Annual Water Quality Report  
 For the period of January 1 to December 31, 2015

This report is intended to provide you with important information about you drinking water and the effects made by the City of Sesser water system to provide safe drinking water. The source of drinking water used by the City is purchased from the Rend Lake Conservancy District.

Regulated Contaminants Detected in 2015 (collected in 2015 unless noted)

City of Sesser Water Department

Lead and Copper Definitions: Action Level (AL); the concentration of contaminant which, if exceeded, triggers treatment or other equipments within a water system

Action Level Goal (ALG); the level of a contaminant in drinking water below which there is no known or expected risk to health

Lead MCLG	Lead Action Level (AL)	Lead 90* Percentile	# sites Over Lead AL	Copper MCLG	Copper Action Level (AL)	Copper 90 <sup>th</sup> Percentile	# Sites Over Copper AL	Likely Source of contamination
0 ppb	15 ppb	0	0	1.3 ppm	1.3 ppm	0	0	Corrosion of household plumbing system & Erosion of natural runoff
Violations none				Violations none				

Water quality Test Results

Definitions: The following tables contain scientific terms and measures, some of which may require explanation.

Maximum Contaminant

Maximum Contaminant Level (MCL); the highest level of a contaminant that is allowed in drinking water. MCL's are set as choice to Contaminant Level Goal as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no longer know or expectant health risks. MCLG's allow for a margin of safety.

Mg/l: milligrams per liter or parts per million- or one ounce in 7,350 gallons of water

ug/l: micrograms per liter or parts per billions- or one ounce in 7,350,000 gallons of water

na: not applicable pCi/L Picocuries per liter- a measure of radioactivity

Avg, Regulatory compliance which some MCLs are based on running annual average of monthly samples

Maximum Residual Disinfectant Level (MRDL): the highest level of disinfectant allowed in drinking water

Maximum Residual Disinfectant Level (MRDLG): the level of disinfectant in drinking water below which there is no known or expectant health risks. MRDLG's allow margin of safety.

State Regulated Disinfectants & Disinfection By Products

Regulated Contaminants Collected 2015	Highest Level	Range of Levels Detected	Unit of Measurement	MCLG	MCL	Violation	Likely source of contamination
Chloramines 12-31-2015	2.6	2.0-3.0	ppm	Mrdlg=4	Mrdl=4	No	Water additive used to control microbes
Total Haloacetic Acids (HAAS)	18	13-20.5	ppb	No goal for the total	60*	No	By-product of drinking water chlorination
TTHMx (Total Trihalomethanes)	41	28-55.9	ppb	No goal for the total	80*	No	By-product of drinking water chlorination

Not all sample results may have been used for calculating the highest level detected because some results may be part of an evaluation to determine where compliance sampling should occur in the future.

\* MCL Statement: The maximum contaminant level (MCL) for TTHM and HAAS is respectively 80 ppb and 60 ppb and is currently only applicable to surface supplies that serve 1,000 or more people. These MCLs will become effective 01/01/2004 for all groundwater supplies and surface supplies serving less people. Until 01/01/2004, surface water supplies serving less than 1,000 people, any size water supply that purchases from a surface water source, and supplies serving more than 10,000 people must meet state imposed TTHM MCLL of 100 ppm. Some people who drink water containing the MCL of trihalomethane, over many years, experience problems with their livers, kidneys, or central nervous systems, and have increased risk of getting cancer.

2015 Regulated Contaminants Detected

Maximum Contaminant Level Goal	Total Coliform Maximum Contaminant Level	Highest No. of Positive	Fecal Coliform or E. Coli Maximum Contaminant Level	Total No. of Positive E. Coli or Fecal Coliform Samples	Violation	Likely Source of Contamination
0	1 positive monthly sample	1	N.A	0	NO	Naturally present in the environment

Brief description of problem and corrective action take.

A routine monthly water sample for Coliform testing showed a Positive result during the second testing for August 2015 but showed negative for E-Coli contamination. Immediate resampling of the original site and upstream and downstream tests showed 0 contamination and a positive residual for CL2 indicating the water is safe to drink. As a required precaution, extra sampling the following month showed negative for any contamination in the water and positive CL2 for disinfection.

REND LAKE RESULTS

State Regulated Inorganic Contaminant	Highest Level	Range of Levels	Unit of Measurement	MCLG	MCL	Violation	Likely source of Contaminant.
Arsenic 2015	1	.943-.943	ppb	0	10	No	Erosion of natural deposits; Runoff from orchards.
Barium 2015	.0147	.0147-.0147	ppm	2	2	No	Discharge of drilling waste, Erosion of natural deposits
Fluoride 2015	0.8	.811-.811	ppm	4	4	No	Erosion of natural deposits, water addition for strong teeth
Sodium 2015	18	18.3-18.3	ppm	n/a	n/a	No	Erosion of naturally occurring deposits, used in water softeners
Nitrate (measured as Nitrogen) Collected in 2015	.113	.113-.113	ppm	10	10	No	Runoff from fertilizer use. Leaching from septic tanks, sewage, erosion of natural deposits
<b>Synthetic Organic Contaminants</b>							
Atrazine Collected 2015	.41	0-0.41	ppb	3	3	No	Runoff from fertilizer used on row crops
<b>Radioactive Contaminants collected 2014</b>							
Combined Radium 226/228	0.26	0.26-0.26	pCi/L	0	5	No	Erosion of Naturally occurring deposits

Turbidity- Regulated at the Water Treatment Plant- Information Statement: Turbidity is a measurement of the cloudiness of the particles. We monitor it because it is a good indicator of water quality and effectiveness of our filtration and disinfectants

Limit (Treatment Technique)	Lowest Monthly % meeting limit	Limit Treatment technique	Violation	Source
0.5 NTU (POP served > 10,000)	100%	0.3 NTU	No	Soil runoff
0.3 NTU (POP served < 9,999)	Highest single measurement 0.29	1 NTU	No	

The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements. Our water system was required to monitor for the contaminants required under the Unregulated Contaminant Monitoring Rule (UCMR).



## SESSER HOMECOMING: JUNE 17,18,19 & 20, 2015

JUNE 17 - WEDNESDAY: 6PM CARNIVAL/WRIST BAND, 7:30PM LIVE ENTERTAINMENT (NO CORN)

JUNE 18 - THURSDAY: 6PM CARNIVAL/WRIST BAND, 7:30PM - LIVE ENTERTAINMENT

JUNE 19 - FRIDAY: 5PM OVERLOAD HORSE PULLING CONTEST, 6PM CARNIVAL/WRIST BAND, 7:30PM LIVE ENTERTAINMENT

JUNE 20 - SATURDAY: 8AM - 5K FUN RUN AND WALK, 9:30AM 52ND ANNUAL CAR SHOW, 1:30PM CAR REGISTRATION END - JUDGING BEGINS 4PM, PARADE 5PM, CARNIVAL/WRIST BANDS, 6PM PROGRAM IN CITY PARK, 8PM LIVE ENTERTAINMENT, 10PM CROWNING OF QUEEN, PRINCESS, & PRINCE, 11PM DRAWING FOR FREE TRIP FOR 2 PEOPLE FOR A WEEK TO HAWAII.



## SPRING CRAFT FAIR



REND LAKE ANTIQUES, COLLECTIBLES AND CRAFTS WILL HOST A CRAFT FAIR MAY 23, 9AM-4PM, 100 BLOCK OF WEST FRANKLIN, DOWNTOWN SESSER. WE WILL HAVE OVER 40 BOOTHS OF CRAFTS, VENDORS AND FOOD. LOCAL CRAFTERS INCLUDE MAE RAE DESIGNS, G&T CRAFTS, A2E2U LEGACY DESIGNS, PRIM'S AND TRENDS, VICKI'S VINTAGE & REPURPOSE (CAROLINE ZETTLER, GRETCHEN DAWSON, KIM RATAJCZYK,

TIFFANY BUSH, VICKI LYNN) AND YAP WILL BE HAVING A BAKE SALE. COME SUPPORT YOUR FELLOW SESSER-ITES AND FIND SOME GOODIES. IF YOU ARE A LOCAL CRAFTER OR CHURCH, I HAVE SPOTS FOR YOU! CALL KIM @ 618-200-0575.

## SESSER WATER QUALITY REPORT

THE 2014 SESSER WATER QUALITY REPORT IS AVAILABLE FOR YOU TO VIEW ON OUR WEBSITE AT [CCR.SESSER.ORG](http://CCR.SESSER.ORG) THIS REPORT CONTAINS INFORMATION ABOUT THE SOURCE AND QUALITY OF OUR DRINKING WATER. A HARD COPY CAN BE PICKED UP AT CITY HALL. TO SPEAK TO SOMEONE ABOUT THIS REPORT OR FOR QUESTIONS PLEASE CALL: (618) 625-3611



## HIGHLIGHTS FROM SESSER COUNCIL MEETING MINUTES



THE CITY COUNCIL MEETING WAS HELD ON THURSDAY, APRIL 2.

A MOTION WAS MADE TO APPROVE THE PREVIOUS MARCH MEETING MINUTES.

A MOTION TO APPROVE THE TIF AGREEMENT WITH LOWANDA JOHNSTON OWNER OF HERE 4 U AT THE ADDRESS 508 WEST FRANKLIN STREET.

A MOTION TO APPROVE THE TIF PROPOSAL FOR THESE TWO HOMES AT 609 N. WALNUT AND 513 S. LOCUST. A MOTION TO ACCEPT THE BID FROM ALFONSO

ACOSTA FOR THE DEMOLITION OF THE HOME AT 609 NORTH WALNUT STREET AND 513 SOUTH LOCUST STREET.

A MOTION TO PASS RESOLUTION # 4-2015, URGING THE GOVERNOR AND GENERAL ASSEMBLY TO PROTECT FULL FUNDING OF LOCAL GOVERNMENT DISTRIBUTIVE FUND REVENUES.

A MOTION WAS MADE TO PASS THIS RESOLUTION #5-2015 TO SUPPORT THE METHAMPHETAMINE TREATMENT PROGRAM AT THE FRANKLIN COUNTY JUVENILE DETENTION CENTER.

A MOTION TO PASS RESOLUTION #6-2015 SUPPORT OF THE "TURNAROUND AGENDA" FOR LOCAL GOVERNMENT EMPOWERMENT & REFORM.

A MOTION TO APPROVE THE LEASE AGREEMENT WITH THE SESSER JUNIOR BASEBALL INC. FOR THE USE OF THE CITY BALL FIELDS FOR THE FEE OF \$1.00 PER YEAR FOR THE TERM OF 3 YEARS.

A MOTION TO POST, SET A DEADLINE OF APRIL 17, 2015 AT 4:30 PM FOR APPLICATIONS; ACCEPT APPLICATIONS FOR A FULL TIME STREET DEPARTMENT LABORER AT \$9.00 PER HOUR. A MOTION WAS MADE TO HIRE A TEMPORARY EMPLOYEE THRU EXTRA HELP FOR THE STREET DEPARTMENT UNTIL WE CAN GET A FULL TIME EMPLOYEE HIRED.

A MOTION WAS MADE TO APPROVE THE BILLS AS PRESENTED BY THE FINANCE COMMITTEE. A MOTION WAS MADE TO APPROVE THE TREASURER REPORT & POLICE REPORT.

PLEASE JOIN US AT OUR NEXT COUNCIL MEETING AT THE COMMUNITY BUILDING THURSDAY, MAY 7, 2015 AT 6:30PM.

