



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
Toll Free (800) 451-6027  
[www.idem.IN.gov](http://www.idem.IN.gov)

May 27, 2008

Mr. Darrow McCreary, Utility Manager  
Santee Utilities, Inc.  
13 SW Wrenn Parkway  
Greensburg, IN 47240

Dear Mr. McCreary,

Re: Lake Santee Membrane Filters  
WS-9544

Because the membrane filter portion of the above referenced Experimental Permit issued to the Santee Utilities (PWSID 5216003) on August 16, 2005 has demonstrated its efficacy, the Experimental Permit is hereby amended to be a regular Permit.

This Amendment is issued with the following conditions:

1. That there be a means to prevent any membrane cleaning chemicals from entering the finished water supply;
2. That the utility no longer be required to keep the original treatment plant in operational condition; and,
3. That the utility install additional finished water treatment, if warranted, in order to meet the national primary drinking water standards and in order to maintain the membrane in optimal operational condition.

All other conditions of the original Experimental Permit remain in effect.

Any person affected or aggrieved by this Agency's Amendment to the original Experimental Permit may request a review, provided that a Petition for Administrative Review is filed as required by IC 4-21.5-3-7. Such a petition must be filed within eighteen (18) days of the date of mailing of this Permit Amendment Notification and sent to:

Office of Environmental Adjudication  
100 North Senate Avenue  
Government Center North  
Room 1049  
Indianapolis, Indiana 46204

If you do not object to this Amendment, you do not need to take any further action.

Should you have any questions regarding this Amendment, please contact Mr. Arnold Bockrand at 317/308-3302.

Sincerely,

A handwritten signature in blue ink that reads "Patrick Carroll". The signature is written in a cursive style with a large, stylized initial "P".

Patrick Carroll, Chief  
Drinking Water Branch  
Office of Water Quality

cc: Decatur County Health Department  
Patrick W. Zaharako, Commonwealth, Engineers, Inc.  
Ken Brown, IDEM Field Inspection (electronic copy)  
Liz Melvin, Chief, Field Inspection (electronic copy)

ws9544abamd.doc



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.  
Governor

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Commissioner

OWQ Drinking Water Branch  
100 North Senate Avenue – Mail Code 66-34-2  
Indianapolis, Indiana 46204-2251  
(317) 232-8603  
(800) 451-6027

December 6, 2007 [www.IN.gov/idem](http://www.IN.gov/idem)

66-34  
Lake Santee RWW  
Attn: Darrow McCreary  
13 SW Wrenn Parkway  
Greensburg, IN 47240-7800

Re: Monitoring Requirements for  
Community Public Water Systems – New POE 01  
PWSID #5216003

Dear Mr. McCreary:

The Indiana Department of Environmental Management’s Drinking Water Branch (DWB) has been notified that your public water system has a new point of entry (POE). For clarification purposes, this point of entry will be referred to as POE 01 – Membrane Filtration. Your old POE 01 (old treatment plant) has been inactivated. **Please make sure the correct POE and PWSID number are included on all correspondence and report forms submitted to the DWB.** It has been determined that you are a residential surface water public water system serving a residential population of one thousand three hundred fifty (1,350). There are several drinking water contaminants that you are required to monitor for at this new entry point. All samples must be analyzed by a certified laboratory and must be submitted to the DWB within ten (10) days of the end of each monitoring period. A list of certified laboratories has been included for your use. You must continue to monitor for the contaminants listed below.

**Total Coliform:** You are required to continue to sample monthly for Total Coliform. Based on your population, we require that you continue to collect two (2) samples each month. **Your next samples are due December 2007.** If you have any questions concerning your bacteriological monitoring requirements, please contact Ms. Bridget Murphy at (317) 308-3286.

**Lead and Copper:** You are required to continue to collect samples for Lead and Copper once every three (3) years. Based on your population, you are required to sample from ten (10) different locations within the distribution system during each monitoring period. **Your next ten (10) samples need to be collected from June 1 – September 30, 2009.** Samples need to be collected from high-risk locations for lead (buildings constructed after 1983 containing copper lines with lead solder) if available. After all these locations have been used, you may select sites from buildings constructed before 1983 containing copper lines with lead solder, if available. These samples need to be taken from an interior drinking water tap typically used for consumption, and must be collected after the water has been standing in the line for at least six (6) hours. If you do not have enough sampling locations for lead and copper to meet the required number of samples, you may take multiple samples from the same location at a minimum of six (6) hour intervals, but preferably after a two (2) week interval. If you have any questions concerning your lead and

copper requirements, please contact Ms. Lilia Park at (317) 308-3297.

**Asbestos:** You are required to continue to monitor for asbestos. **Your next sample is due in 2012.**

**Nitrate:** You are required to monitor for Nitrate annually at your new POE. This sample must be collected at the entry point to your distribution system after all treatment, and must represent all source water serving that entry point. **We require you to begin sampling for Nitrate in 2008.** If you have any questions concerning monitoring requirements for nitrate, please contact Mr. Dennis Pace at (317)308-3322.

**Nitrite:** **You are required to monitor for Nitrite once during 2008 at your new POE 01.** This sample must be collected at each entry point to your distribution system after all treatment, and must represent all source water serving that entry point. If you have any questions concerning monitoring requirements for nitrite, please contact Mr. Dennis Pace at (317)308-3322.

**Radionuclides:** **You are required to sample for Radionuclides for four (4) quarters beginning in the 1<sup>st</sup> quarter (January 1 to March 31) of 2008 at each new POE.** The Indiana State Department of Health (ISDH) will analyze your water samples for the Radionuclides free of charge. Please contact Mr. David Forsee at (317) 308-3288 to place you on the sampling schedule and to arrange to have the sampling bottles sent to you.

**Inorganic Chemicals (IOCs):** You are required to continue to monitor for Inorganic Chemicals (antimony, arsenic, barium, beryllium, cadmium, chromium, cyanide, fluoride, mercury, nickel, selenium, and thallium) annually at each new POE. **Your next sample should be collected during 2008. We also require that you monitor for sodium once before the end of 2008.** These samples need to be collected at each entry point to your distribution system after all treatment and must represent all source water serving that entry point. If you have any questions concerning your IOC monitoring, please contact Mr. Dennis Pace at (317)308-3322.

**Volatile Organic Compounds (VOCs):** You are required to continue to collect samples for the regulated Volatile Organic Compounds annually. **Your next sample should be collected in during 2008 at each new POE.** These samples need to be collected from each entry point to your distribution system after all treatment, and must represent all source water serving that entry point. If you have any questions concerning your VOC monitoring requirements, please contact Mr. David Forsee at (317) 308-3288.

**Synthetic Organic Compounds (SOCs):** You are required to continue to collect samples for Synthetic Organic Compounds once every three years. **Your next sample should be collected during 2009, preferably during the 2<sup>nd</sup> or 3<sup>rd</sup> Quarter. You must continue to sample for method 525.2 during the second full week of the second month of each quarter.** These samples need to be collected from each entry point to your distribution system after all treatment, and must represent all source water serving that entry point. If you have any questions concerning the SOC monitoring requirements, please contact Mr. David Forsee at (317) 308-3288.

You are also required to submit a Monthly Report of Operations (MRO) every month for your new entry point if you add chemicals to your water. We have enclosed a copy of the MRO report for your use. The MRO is due back within ten (10) days following the end of the reporting period. A book of MROs may be ordered by calling the field inspection secretary at (317) 308-3308. You will also need to fill out a

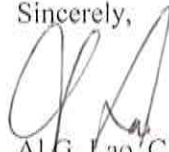
form for Ground Water Under the Direct Influence of Surface Water. Questions regarding these requirements may be directed to your field inspector, Mr. Ken Brown at (317) 308-3312.

Please send or fax all report forms/correspondence to the following:

Indiana Department of Environmental Management  
OWQ Drinking Water – Mail Code 66-34  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251  
(FAX) (317) 308-3340

If you have any further questions on the drinking water requirements for your public water system, please contact any member of the compliance staff or your field inspector.

Sincerely,



Al G. Lao, Chief  
Public Water Supply Compliance Section  
Drinking Water Branch  
Office of Water Quality

AGL/LP/sjp

Enclosures

cc: Decatur County Health Department  
Liz Melvin, Field Inspection Section