



STATE OF ALASKA SANITARY SURVEY PROGRAM

SANITARY SURVEY INSPECTOR CERTIFICATION

This 5 day training covers the eight inspection elements which comprise a public water system (PWS) sanitary survey inspection. The eight elements of a sanitary survey are: 1. source, 2. treatment, 3. distribution system, 4. finished water storage, 5. pumps & controls, 6. monitoring/reporting/data verification, 7. PWS management & operations, and 8. operator compliance with state regulations. The purpose of a sanitary survey inspection (SS) is to evaluate and document the eight elements in a PWS's ability to consistently and safely provide drinking water to the public. The SS identifies any deficiencies which might adversely impact a water system's ability to provide a safe water supply, provides information to the owner/operator of a PWS, and verifies the system is operating in a safe manner. This federally mandated review is intended to identify systems that require technical assistance or capacity development, thereby lowering the risk of waterborne disease.

The goal of this training is to train people involved in the drinking water and public health profession in how to conduct a sanitary survey inspection, as well as prepare and submit a SS inspection report. Completing this class and passing the exam alone will not approve an individual as a SS Inspector – the individual must submit an application requesting to be approved, showing a passing grade for this class, copy of the in-class Sanitary Survey Inspection report using the Electronic Sanitary Survey (ESS) from the class, and submittal of fees (\$293 per 18 AAC 80.1910(a)(7)). Please review State of Alaska regulations (18 AAC 80.435) regarding the application, training, examination, and approval requirements for sanitary survey inspectors.

Instructor – Tim Anderson, University of Alaska

Who should attend: DW professionals desiring approval as a sanitary survey inspector, and who meet the following **prerequisites** (see reverse for further description);

- Submittal and approval of resume showing experience and education in the Drinking Water/ Public Health professions, (completion of Water System Operator OIT training is an example of Professional Development) ,
- Proof Electronic Sanitary Survey Program (ESS both desktop) is successfully loaded to your laptop or computer.

Course Cost: None

Class Size: 12 students maximum

Dates and Locations:

Fairbanks: April 25 – 29 – ADEC Office, 610 University Ave. Bring your laptop.

Anchorage: May 9 - 13 – First Floor Main Conference Room, ADEC Office , 555 Cordova St. Bring your laptop.

Prerequisites Information:

- 1) **SUBMITTAL OF RESUME FOR APPROVAL;** Demonstrated experience, education and knowledge in your resume, per the following regulation:

18 AAC 80.435. Application, training, examination, and approval requirements for sanitary survey inspectors. (a) A person must be approved under this section in order to conduct a sanitary survey inspection, complete a sanitary survey report, or submit a sanitary survey report to the department. The sanitary survey inspector who conducted the sanitary survey shall sign the sanitary survey report, subject to the report certification requirements of 18 AAC 80.1900. An owner, operator, or employee of a public water system may not conduct a sanitary survey of that system.

(b) An individual applying for approval to conduct sanitary surveys must

(1) attend and successfully complete an approved sanitary survey training program for public water systems that covers standard sanitary engineering practices and principles at a level of knowledge that the department determines will adequately protect public health;

(2) submit a completed application on a current form provided by the department;

(3) pay the fee required by 18 AAC 80.1910(a)(7);

(4) submit verification that the applicant has completed the sanitary survey training program and passed the written sanitary survey examination with a score of 70 percent or more; and

(5) submit documentation showing the applicant's education, certified vocational or academic program training, credentials, and employment history demonstrating the applicant's competency to conduct sanitary surveys and prepare the reports required by this chapter, and the applicant's knowledge and understanding of drinking water systems, including;

(A) water sources;

(B) treatment;

(C) distribution system;

(D) finished water storage;

(E) pumps, pump facilities, and controls;

(F) monitoring, reporting, and data verification;

(G) water system management and operation;

(H) operator compliance with department requirements; and

(I) materials and supplies.

(c) The department will evaluate the information submitted by the applicant in (b) of this section and approve or deny the applicant to conduct sanitary surveys in this state.

(d) Unless revoked under 18 AAC 80.439, an approval issued under this section is valid for two years.

(e) A person aggrieved by a decision under this section may request a hearing under 18 AAC 80.1920.

- 2) **PROOF OF SUCCESSFUL DOWNLOADING OF ESS ONTO LAPTOP;**

a. Go to website; http://dec.alaska.gov/eh/dw/dwmain/Electronic_SSDownloads.htm

- download the Desktop ESS installation guide and follow the steps to install the Desktop ESS on your laptop.
- download Desktop ESS AKR30 on your laptop.
- download the sample Electronic Sanitary Survey (ESS) data file

b. Follow instructions on the next page on how to fill out the electronic survey (.mdb) file.

Attach resume, .mdb ESS file, and .pdf ESS file to an Email and send to: Jeff.Warner@alaska.gov
Send submittal no later than Friday, April 15, 2016.

How to use Desktop ESS

- 1) Launch Desktop ESS application

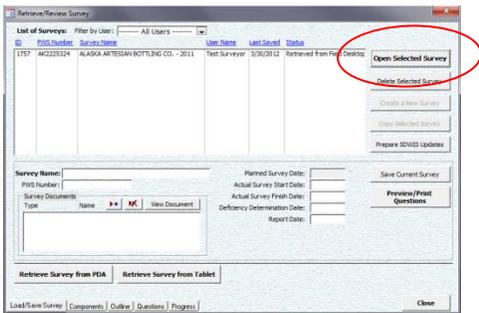


If you are prompted to locate and mdb file, follow Step 3 of Desktop ESS Installation Guide.

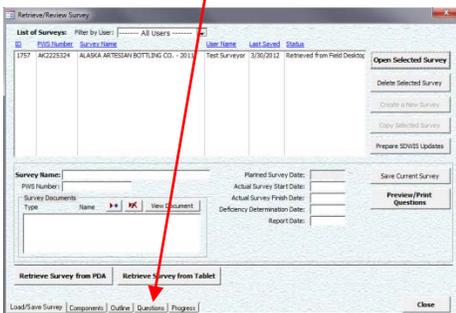
- 2) Click on Load/Start Survey to open the test survey



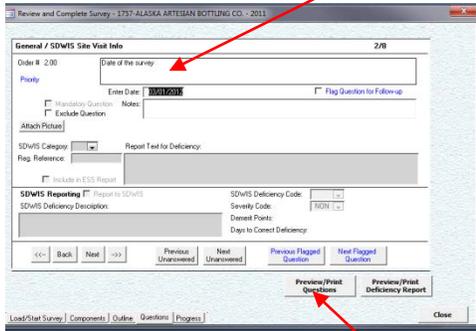
- 3) To open the survey, double click on the test survey or click on Open select Survey



- 4) Click on Questions.

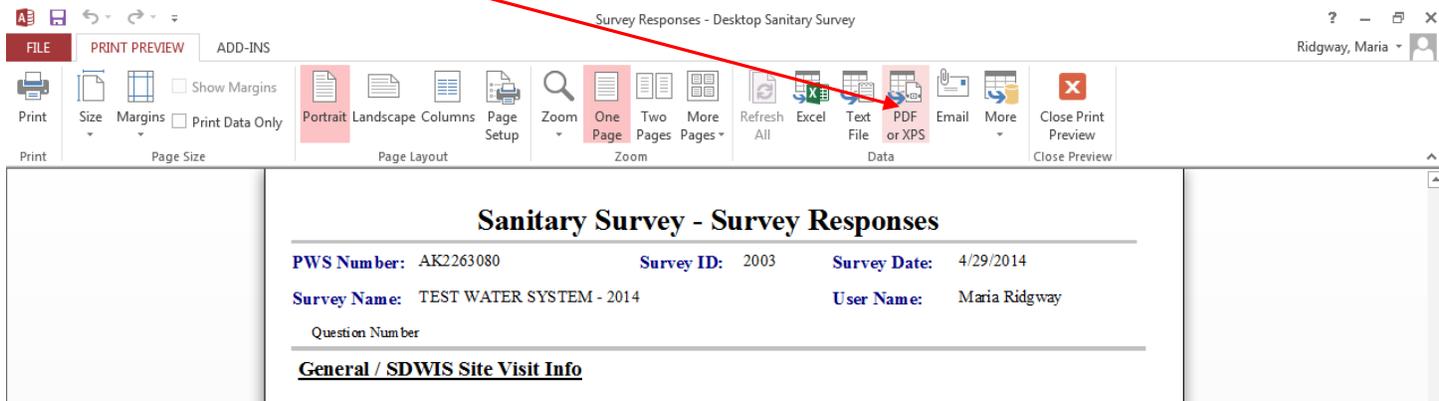


5) Change the date to today's date on Question # 2. Date of Survey:



6) Click on Preview/Print Questions

7) Export the file to a PDF format

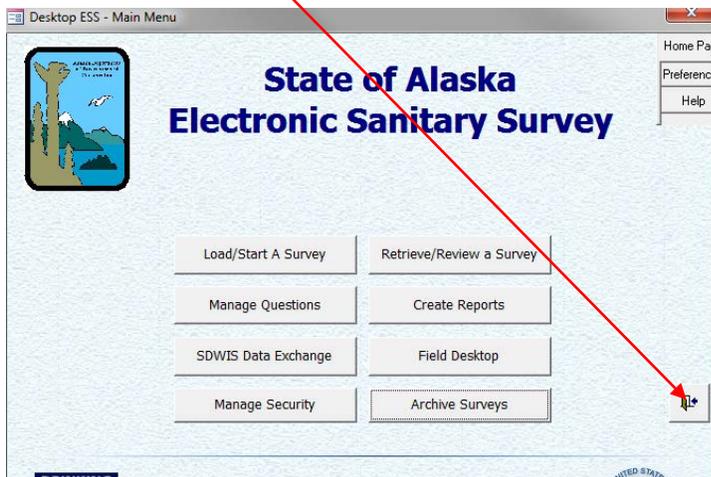


8) Save the .pdf file.

9) Close Print Preview.

10) Save and Close the survey.

11) Close the application.



12) Open the Sanitary Surveys/ESS Data_AK2263080 folder.

13) Copy ESS Data_AK2263080.mdb and send this file together with the pdf file created on Step 8 to ADEC.