Department of Health and Hospitals

Louisiana Animal Disease Surveillance System (LADSS)

Business Area - Technical Design Specification

v1.0

Revision History

Revision Date	Author	Version	Reason for Revision
10/09/2009	xxxx	1.0	Initial Draft

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1 Overview

1.1 Description

This document outlines the LADSS application purpose, user functions, database design, and user flow. It also breaks down each LADSS screen for future maintenance of the application.

The Louisiana Animal Disease Surveillance System is a system built by the Louisiana Office of Public Health (OPH) to provide early detection and tracking of animal diseases and outbreaks. This system will provide real time data to the State Veterinarian and OPH-IDES, as well as other agencies around the state.

Vendor is converting the existing Java application into ASP.NET 3.0 using the Oracle 10g database. A new database will be built. NOTE: The Java code cannot actually be converted and will need to be recreated.

The LADSS system incorporates the following screens:

- Search
- Case Entry
- Code Tables
- Audit Trail
- Reports
- Import Function
- Profile Maintenance

The LADSS system incorporates the following user types:

- Admin User
- External User
- Read Only User

2 User Definitions

2.1 Description

- Admin User
  - Ability to add cases
  - Ability to edit all cases
  - All case functions : New, Save, Cancel, Delete, Print
  - Will receive email notifications
  - Access to audit trail
  - Access to code tables
  - Access to reports
  - Access to import function
  - Access to profile maintenance function

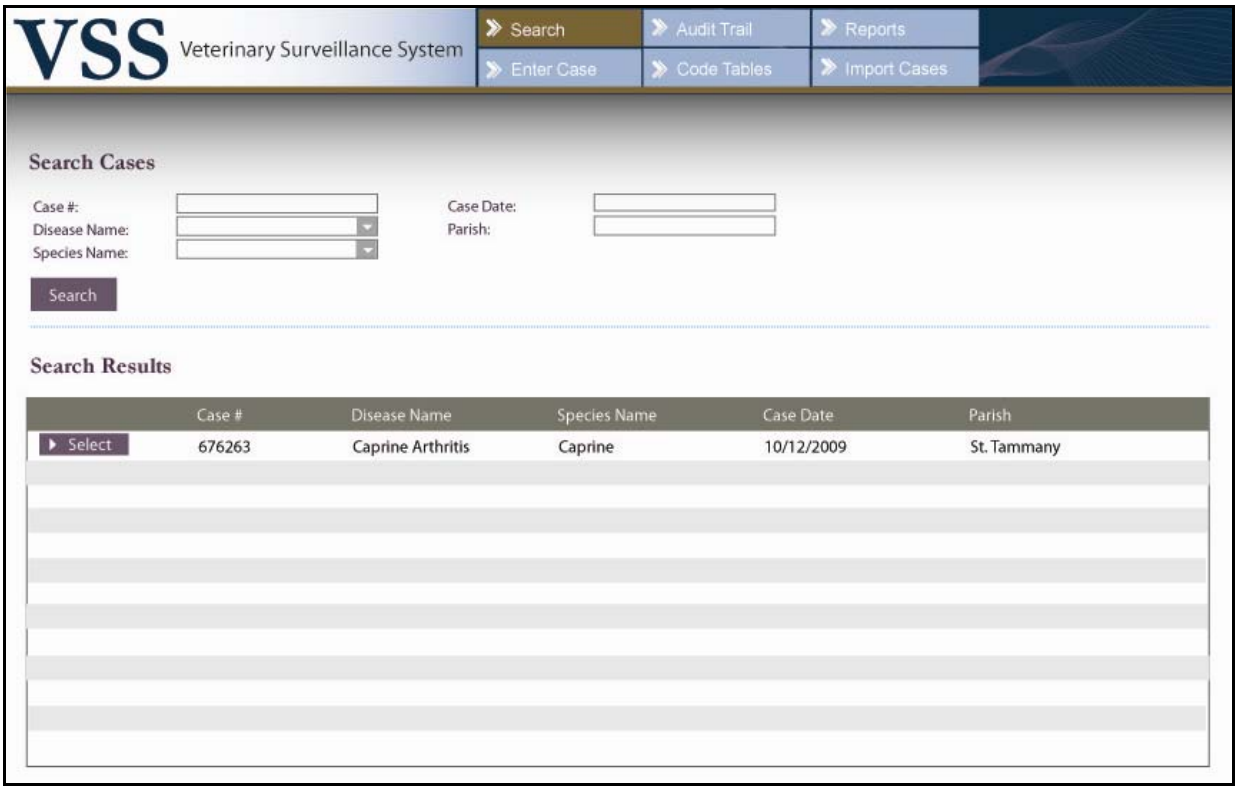
- External User
  - Ability to add and edit their own cases
  - Can see other users' cases as Read-Only
  - Case functions : New, Save, Cancel, Print
  - Will receive email notifications
  - Access to reports
  - Access to import function
  - Access to profile maintenance function

- Read-Only User
  - Can see cases as Read-Only
  - Case functions : Print
  - Access to reports

3 LADSS Specifications

3.1 Search

3.1.1 Screenshot



3.1.2 Business Rules

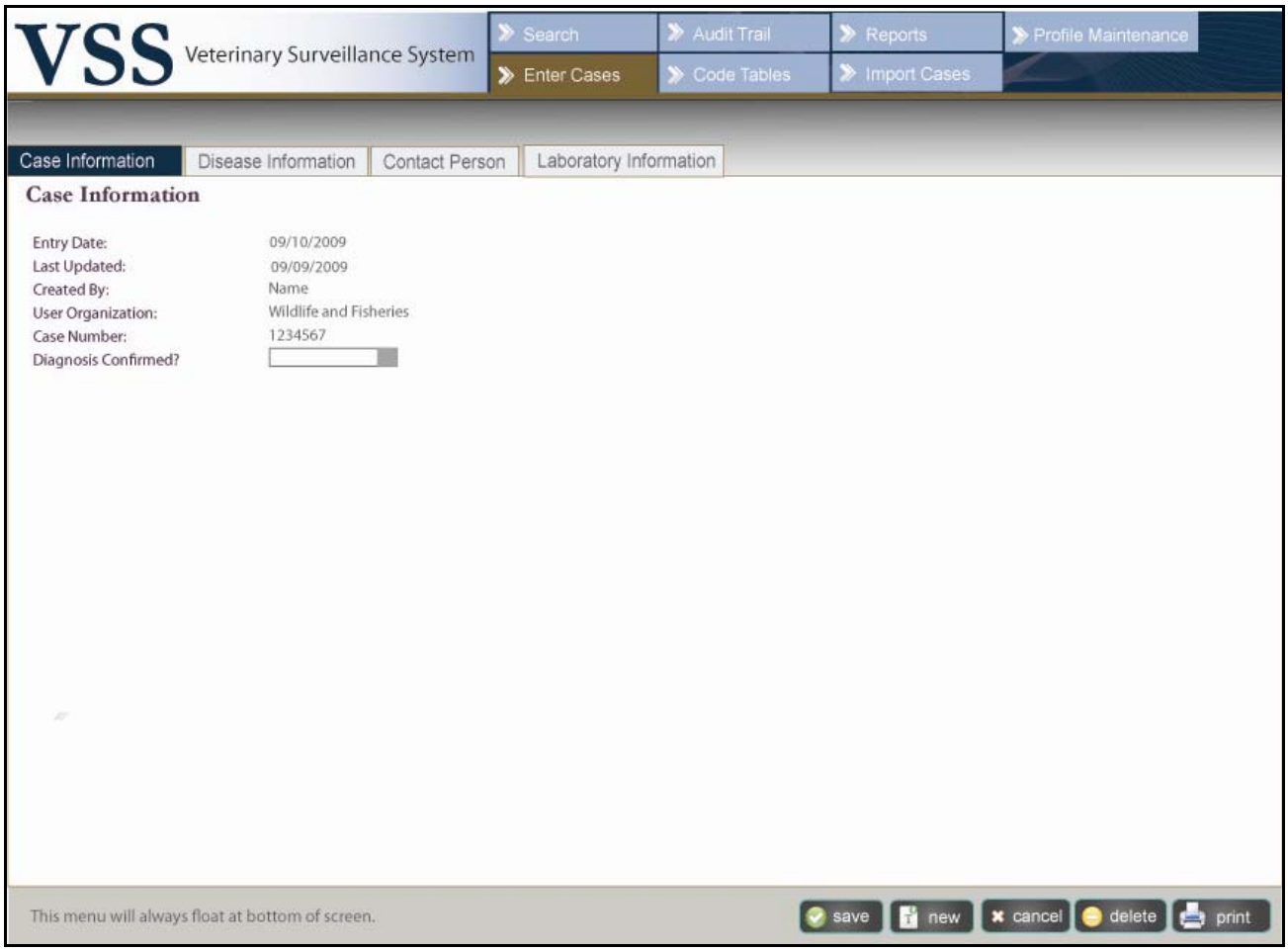
Rule ID	Definition
LADSS - 1	When user clicks on the select button, open record in Enter Cases page
LADSS – 2	External users are allowed to search and review all cases but can only edit their own cases.
LADSS – 3	Read-Only users are allowed to search and review all cases but cannot edit any cases.

3.1.3 Field Description Table

Field Name	Data Type	Source	Length	Comments
Case #	Text	User Input		Search Field
Disease Name	Drop Down	Code Table		Search Field
Species Name	Drop Down	Code Table		Search Field
Case Date	Text	User Input		Search Field
Parish	Drop Down	Code Table		Search Field

3.2 Enter Cases

3.2.1 Screenshot – Case Information Tab



3.2.2 Business Rules– Disease/Animal Information Tab

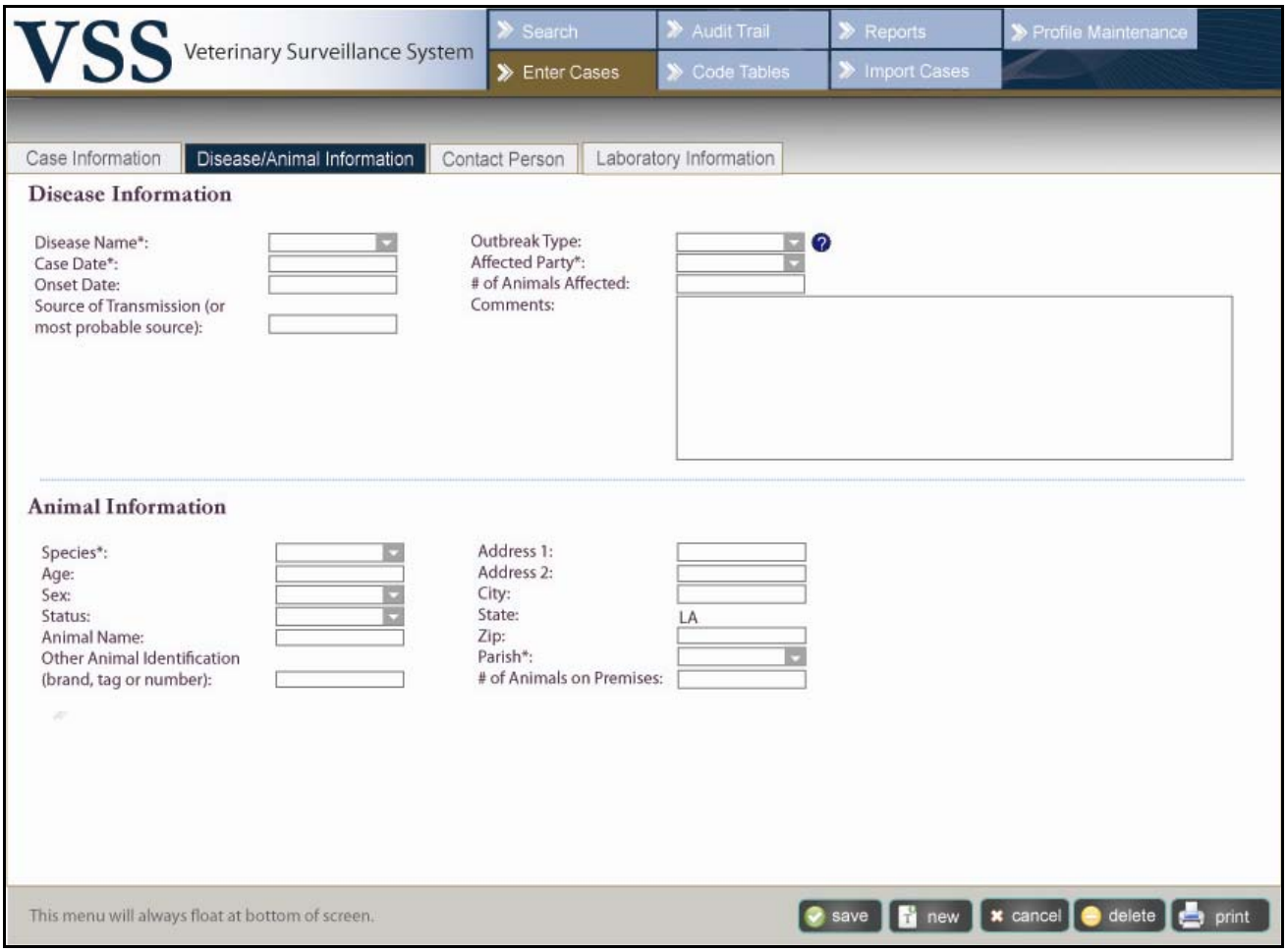
Rule ID	Definition
LADSS - 4	Case number will be auto-generated for cases entered through the system. Uploaded cases will have a case number assigned in the Excel spreadsheet for duplicate identification purposes.

3.2.3 Field Description Table – Case Information Tab

Field Name	Data Type	Source	Length	Comments
Entry Date	Text	Auto-generated		Date of original entry
Last Updated	Text	Auto-generated		Date of last update to case
Created by	Text	Auto-generated		Name of user who created case
User Organization	Text	Auto-generated		Organization with which creating user is associated with
Case Number	Number	Auto-generated		
Diagnosis	Drop Down	Database		Options:

Confirmed				1. Yes 2. No

3.2.4 Screenshot – Disease/Animal Information Tab



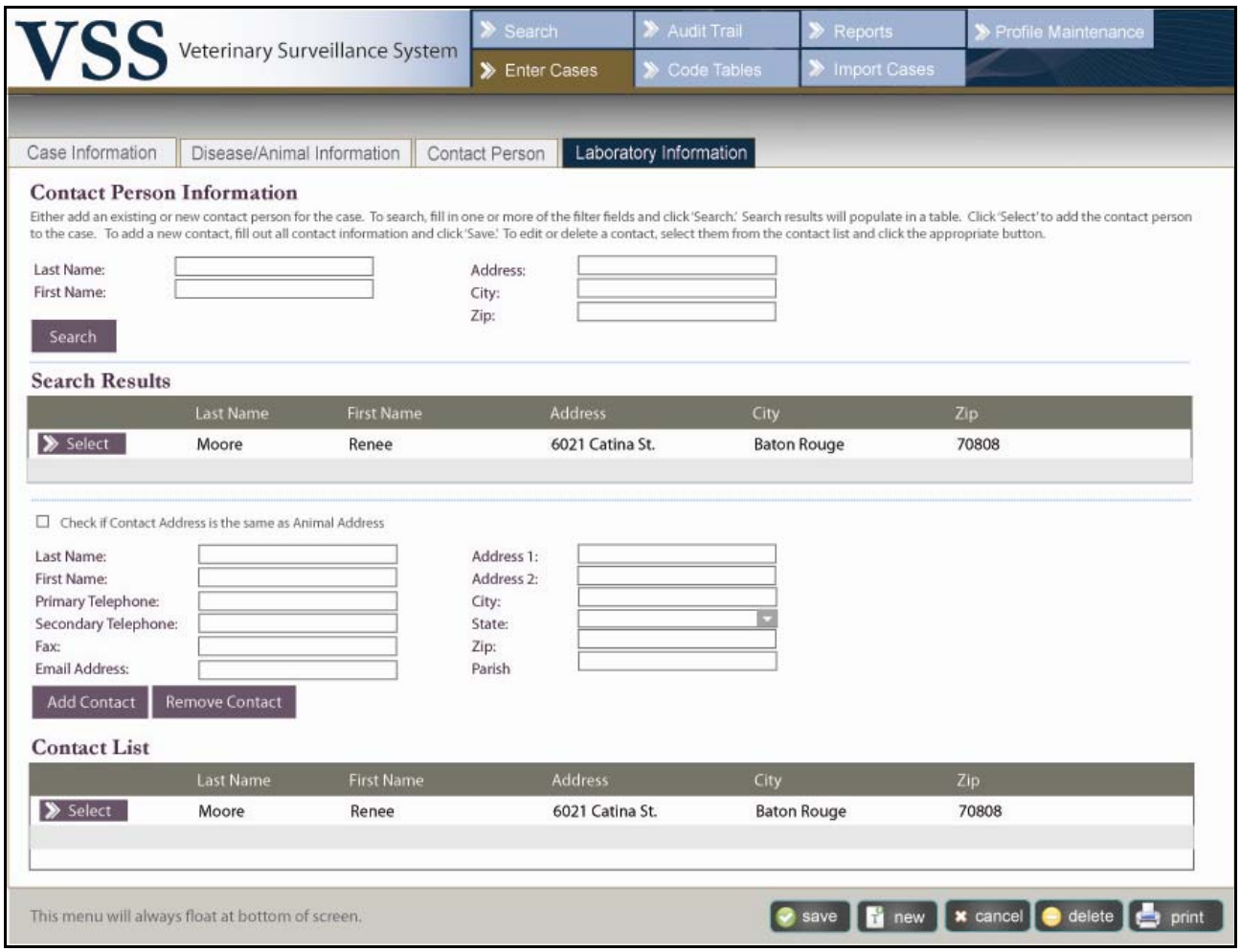
3.2.5 Business Rules– Disease/Animal Information Tab

Rule ID	Definition
LADSS – 5	If other is selected for Disease Name, a specify box will appear and is mandatory.
LADSS – 6	If the information icon (Outbreak Type) is clicked, information regarding this field will display.
LADSS – 7	The '# of Animals Affected' field will only display if the Affected Party field is marked as 'Group.'
LADSS – 8	If 'other' is selected for species, a specify box will appear and is mandatory.

3.2.6 Field Description Table – Disease/Animal Information Tab

Field Name	Data Type	Source	Length	Comments
Disease name	Drop Down	Code Table		Mandatory field
Case Date	Number	User Input	00/00/0000	Mandatory field – Default to today's date but allow editing
Onset Date	Number	User Input	00/00/0000	
Source of Transmission	Text	User Input		
Outbreak Type	Drop Down	Code Table		Options → 1. Associated 2. Sporadic This field will have an information box – upon clicking the icon, information about this field will be displayed.
Affected Party	Drop Down	Database		Mandatory field Options → 1. Individual 2. Group
# of Animals	Number	User Input		This field will only be visible if the affected party field is marked 'Group'
Comment	Text	User Input		
Species	Drop Down	Code Table		Required field
Age	Number	User Input		
Sex	Drop Down	Database		Options → 1. Male 2. Female 3. Neutered Male 4. Neutered Female 5. N/A - herd
Animal Status	Drop Down	Code Table		Options → 1. Alive 2. Deceased 3. Euthanized
Animal Name	Text	User Input		
Other Animal Identification	Text	User Input		
Address 1	Text	User Input		
Address 2	Text	User Input		
City	Text	User Input		
State	Label	Database		Default to LA
Zip	Number	User Input	00000	
Parish	Drop Down	Database		Mandatory Field
# of Animals on the Premises	Number	User Input		

3.2.7 Screenshot – Contact Person Information



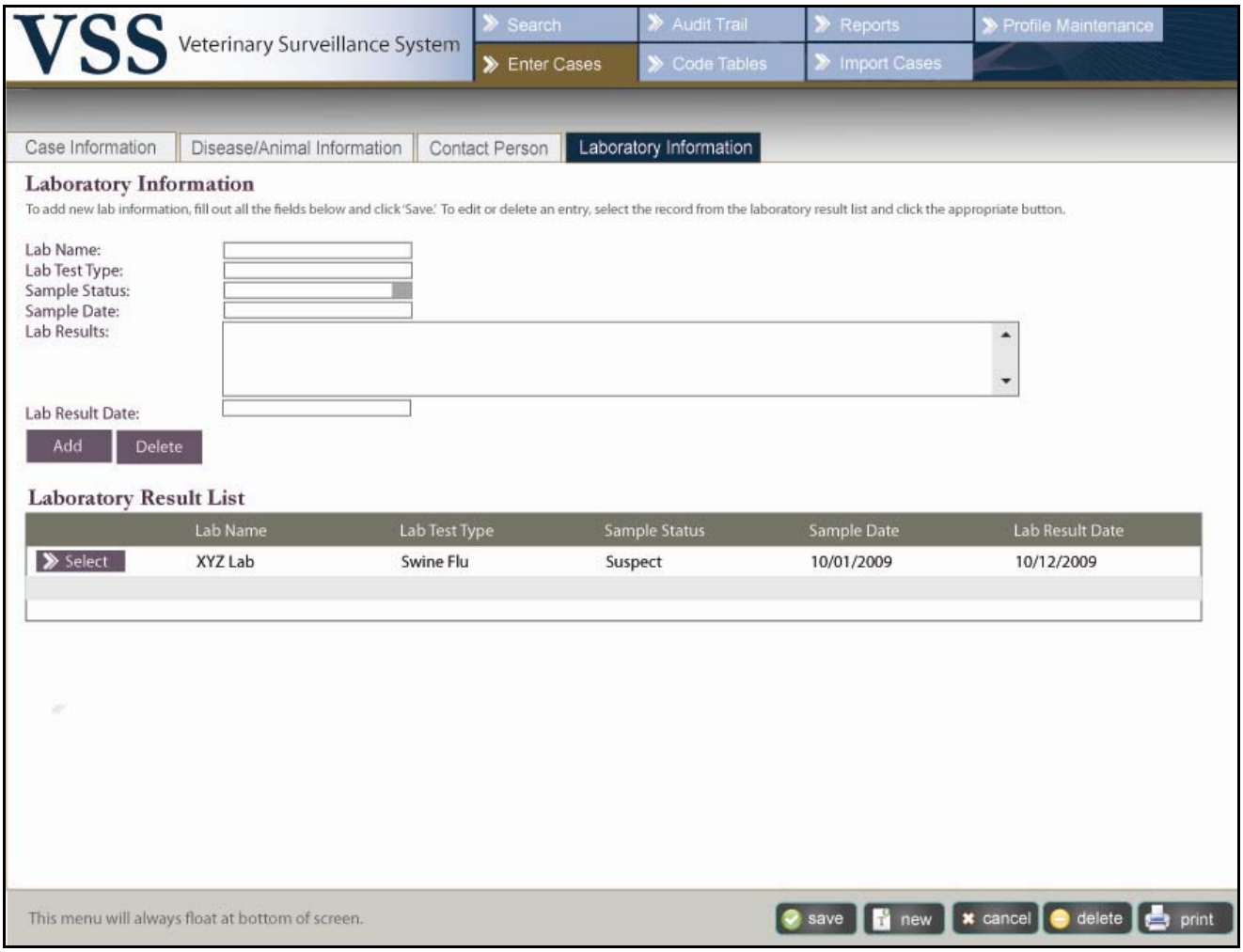
3.2.8 Business Rules – Contact Person Information

Rule ID	Definition
LADSS – 9	Search results title and grid should be hidden unless a user has executed a search. Once a user selects a record, hide title and grid again.
LADSS – 10	If user clicks 'Select' from the search results grid, add the contact to the contact list.
LADSS – 11	If the user marks the checkbox stating that the Contact Address is the same as Animal Address, pull in the address from the Disease/Animal Tab and populate the fields
LADSS – 12	If the user selects a record from the contact list, the information will fill into the data entry fields to be edited or deleted.
LADSS – 13	Upon adding a contact, clear out the data entry fields.

3.2.9 Field Description Table – Contact Person Information

Field Name	Data Type	Source	Length	Comments
Last Name	Text	User Input		Search field
First Name	Text	User Input		Search field
Address	Text	User Input		Search field
City	Text	User Input		Search field
Zip	Number	User Input		Search field
Last Name	Text	User Input		
First Name	Text	User Input		
Primary Telephone	Number	User Input	000-000-0000	
Secondary Telephone	Number	User Input	000-000-0000	
Fax	Number	User Input	000-000-0000	
Email Address	Text	User Input		
Address 1	Text	User Input		
Address 2	Text	User Input		
City	Text	User Input		
State	Drop Down	User Input		Default to LA
Zip	Number	User Input	00000	
Parish	Drop Down	User Input		

3.2.10 Screenshot – Laboratory Information Tab



3.2.11 Business Rules – Laboratory Information Tab

Rule ID	Definition
LADSS – 14	If the user selects a record from the laboratory result list, the information will fill into the data entry fields to be edited or deleted.
LADSS – 15	Upon adding a lab entry, clear out the data entry fields.

3.2.12 Field Description Table – Laboratory Information Tab

Field Name	Data Type	Source	Length	Comments
Lab Name	Text	User Input		
Lab Test Type	Text	User Input		
Sample Status	Drop Down	Code Table		Options → 1. Suspect 2. Probable 3. Confirmed
Sample Date	Text	User Input	00/00/0000	
Lab Results	Text	User Input		
Lab Result Date	Text	User Input		

3.2.13 Screenshot – Print to PDF

Case #6785656

Entry Date:	06/23/2009	**Created By:**	Joe Bob
Last Updated:	06/24/2009	**User Organization:**	Wildlife and Fisheries
Diagnosis Confirmed:	Yes		

Disease Information:

Disease Name:	Bovine Babesiosis	**Outbreak Type:**	Sporadic
Case Date:	10/12/2009	**Affected Party:**	Individual
Onset Date:	10/09/2009	**# of Animals:**	1
Source of Transmission:	Neighboring Cattle	**Comments:**	Cow has been healthy until this outbreak.

Animal Information:

Species:	Bovine	**Address 1:**	254 Egret St.
Age:	2 Years	**Address 2:**	
Sex:	Female	**City:**	Mandeville
Status:	Alive	**State:**	LA
Animal Name	Betsy	**Zip:**	70433
Other Animal Identification:	Brand #12343	**Parish:**	St. Tammany
		# of Animals on Premises:	21

Contact List:

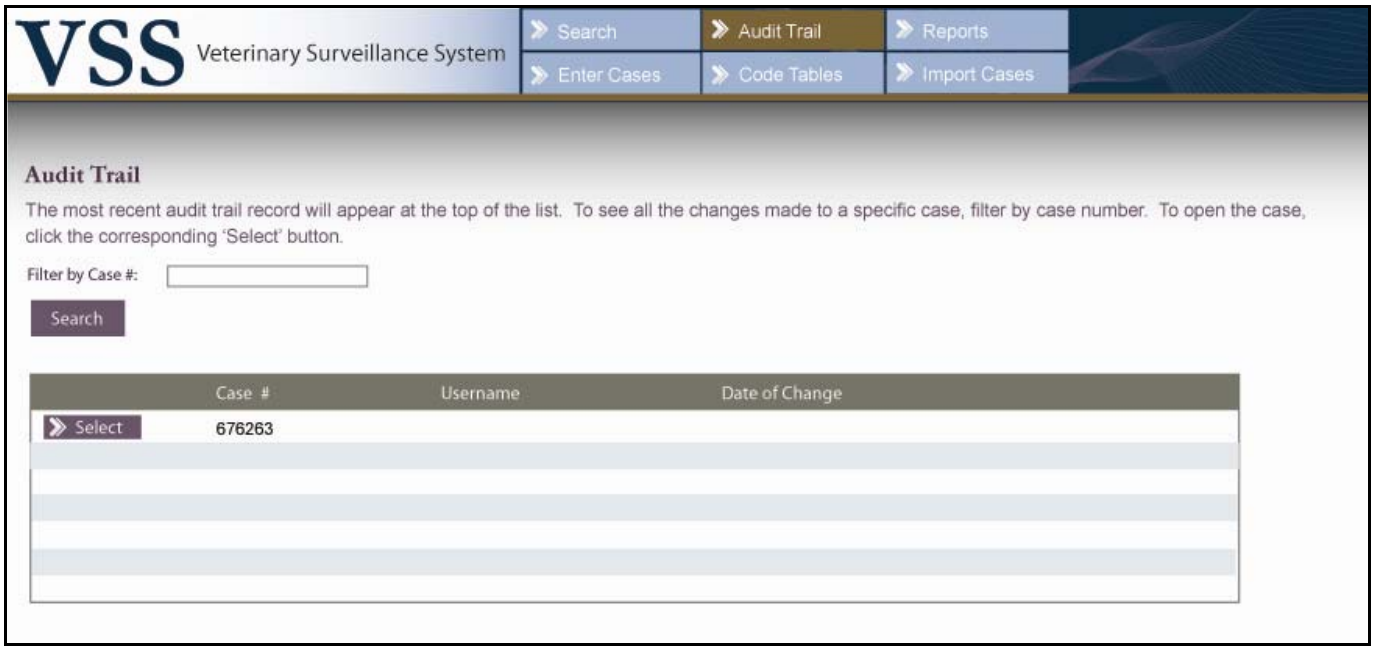
Name	Address	Phone	Fax	Email Address

Laboratory Result List:

Lab Name	Lab Test Type	Sample Status	Sample Date	Lab Result Date
XYZ Lab	Babesiosis Exam	Confirmed	10/13/2009	01/12/2009

3.3 Audit Trail

3.3.1 Screenshot



3.3.2 Business Rules

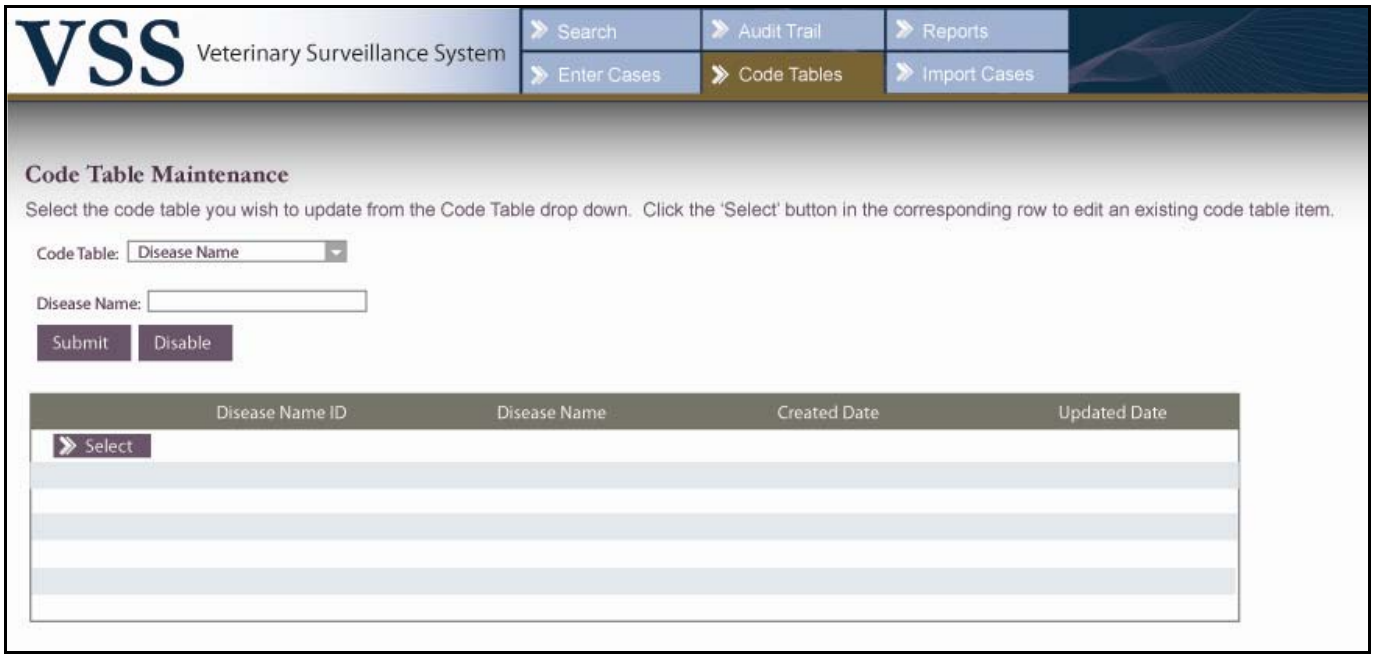
Rule ID	Definition
LADSS – 16	If user clicks the select button bring up the case in the Enter Case page.
LADSS – 17	An audit trail record will be created any time information is changed in the Enter Case screens.

3.3.3 Field Description Table – Epi Section Tab

Field Name	Data Type	Source	Length	Comments
Filter by Case #	Number	User Input		

3.4 Code Table Maintenance

3.4.1 Screenshot – Disease



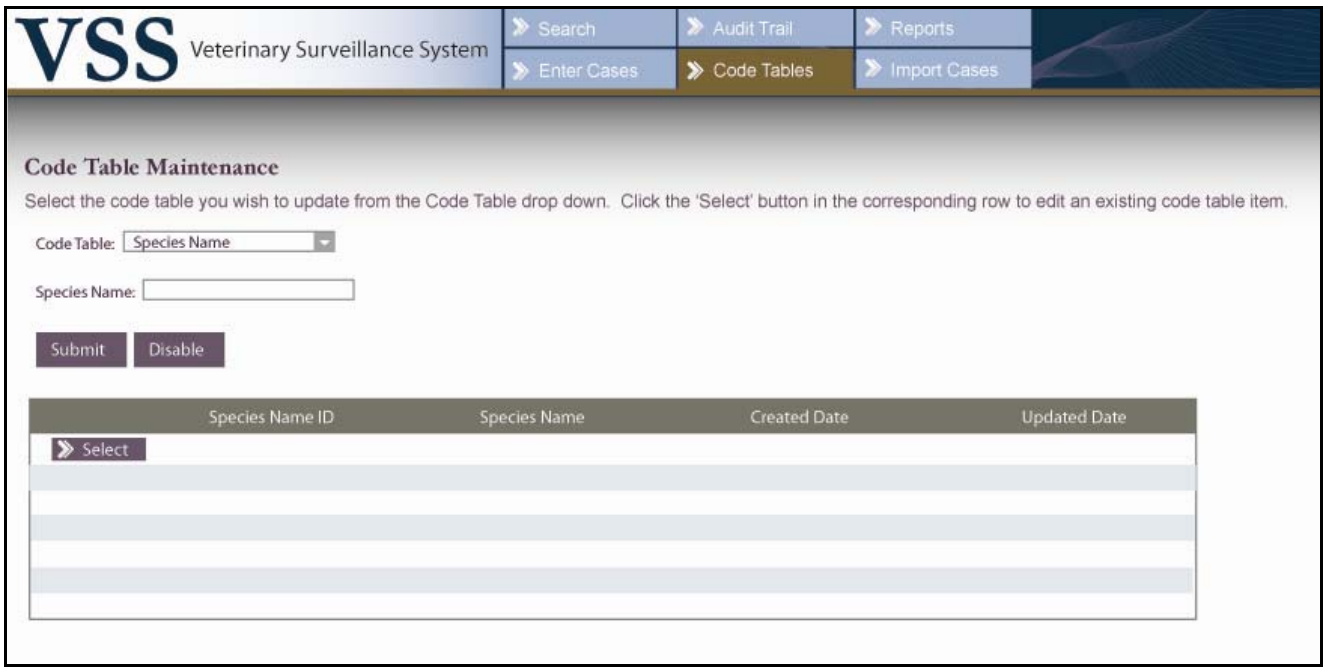
3.4.2 Business Rules – Disease

Rule ID	Definition
LADSS – 18	To add a new item, type in the name field and click 'Submit'
LADSS – 19	To edit an existing item, click the select button, edit the name and click submit.

3.4.3 Field Description Table – Disease

Field Name	Data Type	Source	Length	Comments
Code Table	Drop Down	Database		Options: • Disease • Species • Outbreak Type • Animal Status • Sample Status • Add User Group • User Control • Email Control
Disease Name	Text	User Input		

3.4.4 Screenshot – Species



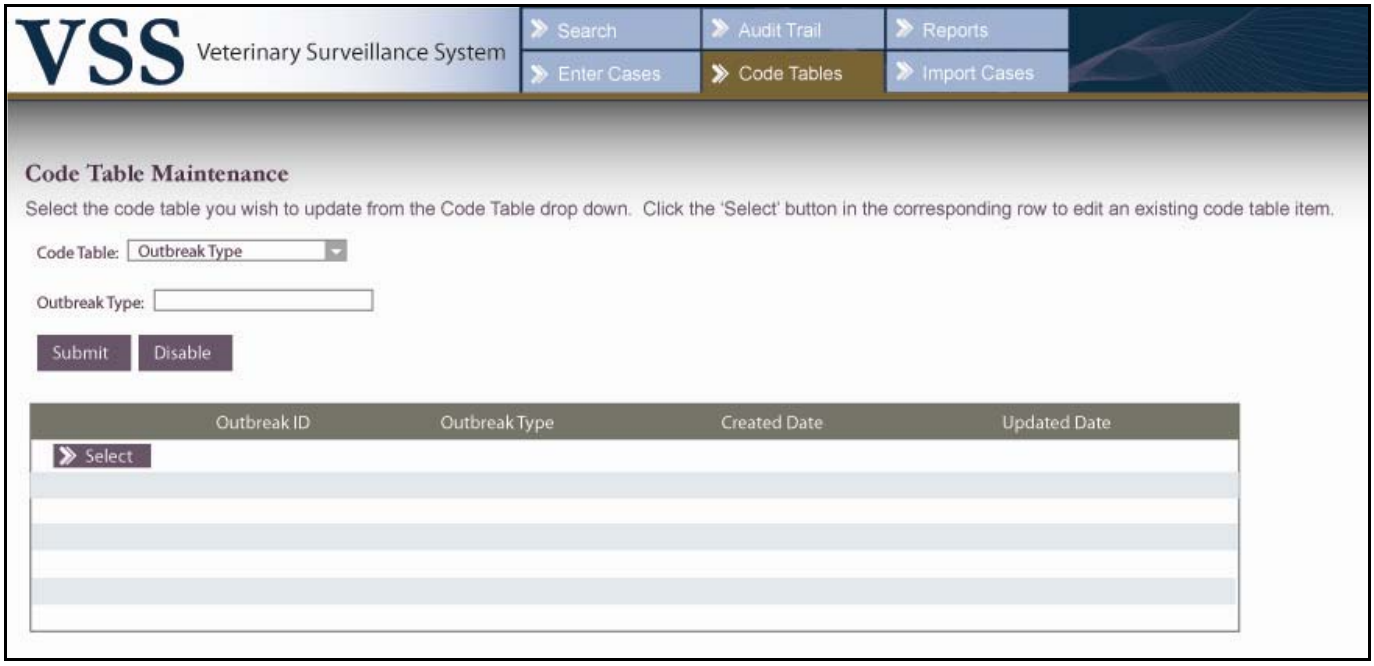
3.4.5 – Business Rules – Species

Rule ID	Definition
LADSS – 20	To add a new item, type in the name field and click 'Submit'
LADSS – 21	To edit an existing item's name click the select button, edit the species, and click submit.

3.4.6 – Field Description Table – Species

Field Name	Data Type	Source	Length	Comments
Code Table	Drop Down	Database		Options: • Disease • Species • Outbreak Type • Animal Status • Sample Status • Add User Group • User Control • Email Control
Species Name	Text	User Input		
Disease Name	Drop Down	Code Table		

3.4.7 – Screenshot – Outbreak Type



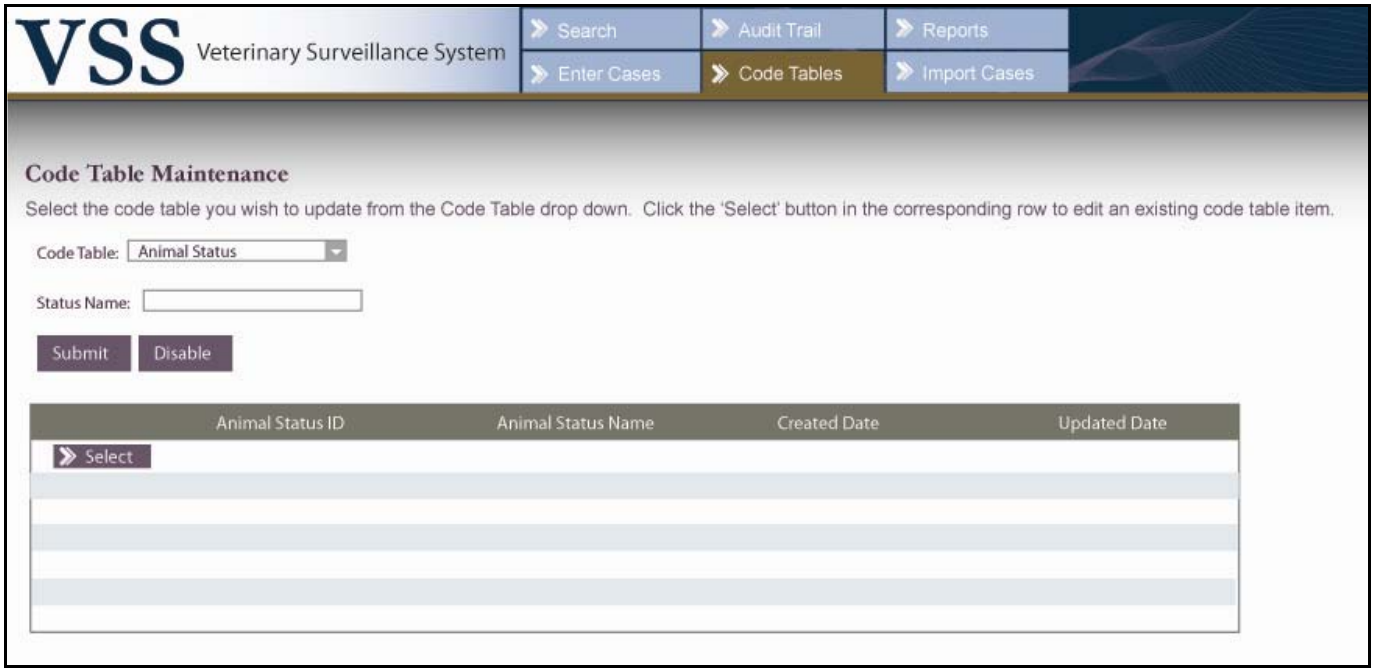
3.4.8 – Business Rules – Outbreak Type

Rule ID	Definition
LADSS – 22	To add a new item, type in the name field and click 'Submit'
LADSS – 23	To edit an existing item, click the select button, edit the name and click submit.

3.4.9 Field Description Table – Outbreak Type

Field Name	Data Type	Source	Length	Comments
Code Table	Drop Down	Database		Options: • Disease • Species • Outbreak Type • Animal Status • Sample Status • Add User Group • User Control • Email Control
Outbreak Type	Text	User Input		

3.4.10 Screenshot – Animal Status



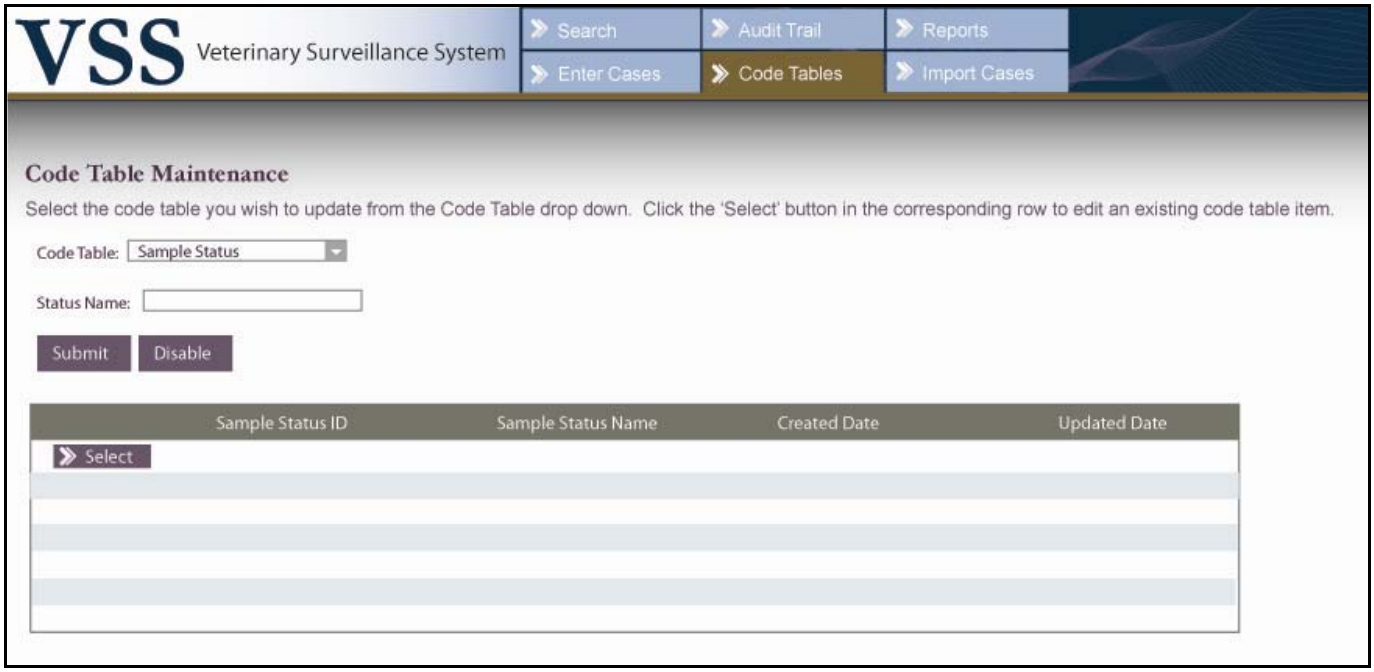
3.4.11 Business Rules – Animal Status

Rule ID	Definition
LADSS – 24	To add a new item, type in the name field and click 'Submit'
LADSS – 25	To edit an existing item, click the select button, edit the name and click submit.

3.4.12 – Field Description Table – Animal Status

Field Name	Data Type	Source	Length	Comments
Code Table	Drop Down	Database		Options: • Disease • Species • Outbreak Type • Animal Status • Sample Status • Add User Group • User Control • Email Control
Status Name	Text	User Input		

3.4.13 Screenshot – Sample Status



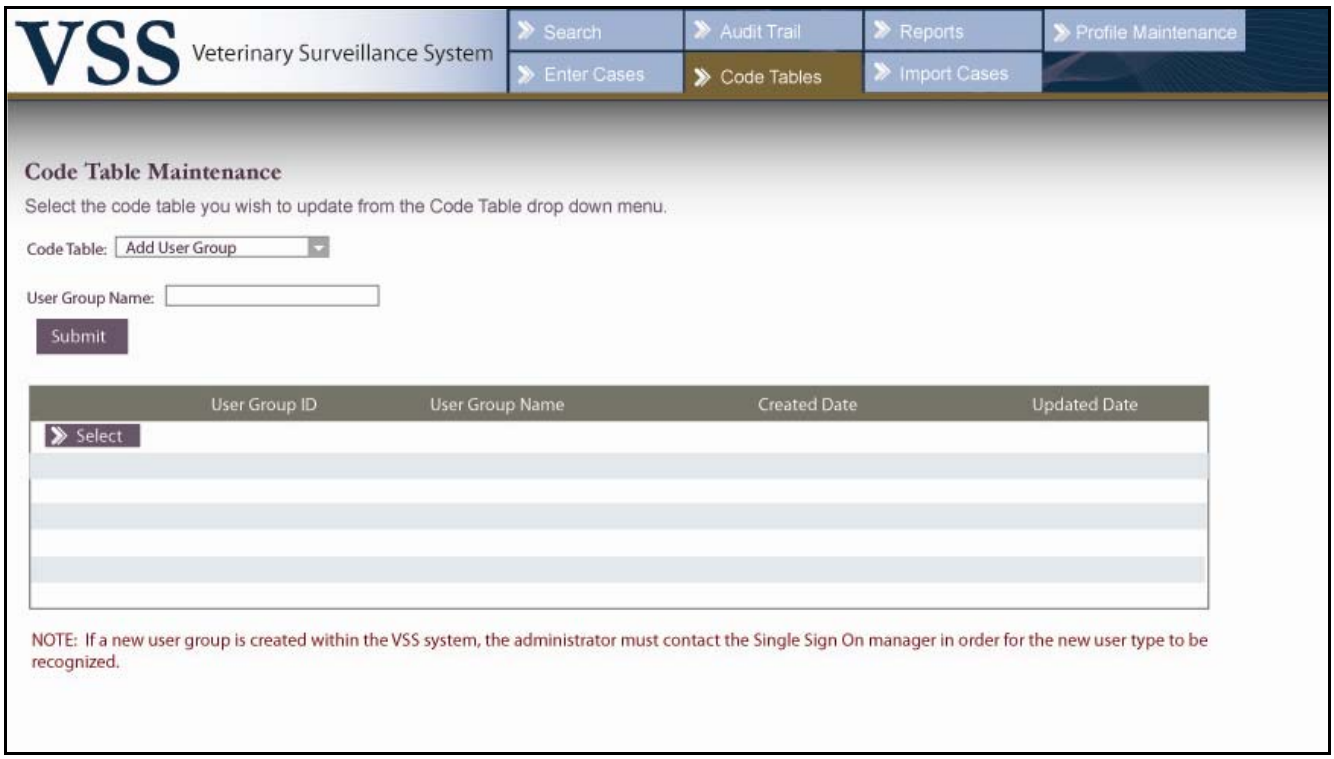
3.4.14 Business Rules – Sample Status

Rule ID	Definition
LADSS – 26	To add a new item, type in the name field and click 'Submit'
LADSS – 27	To edit an existing item, click the select button, edit the name and click submit.

3.4.15 Field Description Table – Sample Status

Field Name	Data Type	Source	Length	Comments
Code Table	Drop Down	Database		Options: • Disease • Species • Outbreak Type • Animal Status • Sample Status • Add User Group • User Control • Email Control
Status Name	Text	User Input		

3.4.16 Screenshot – Add User Group



**NOTE: If an administrator creates a new user type within the LADSS system, the administrator will have to contact the manager of Single Sign On in order for the new user type to be recognized.

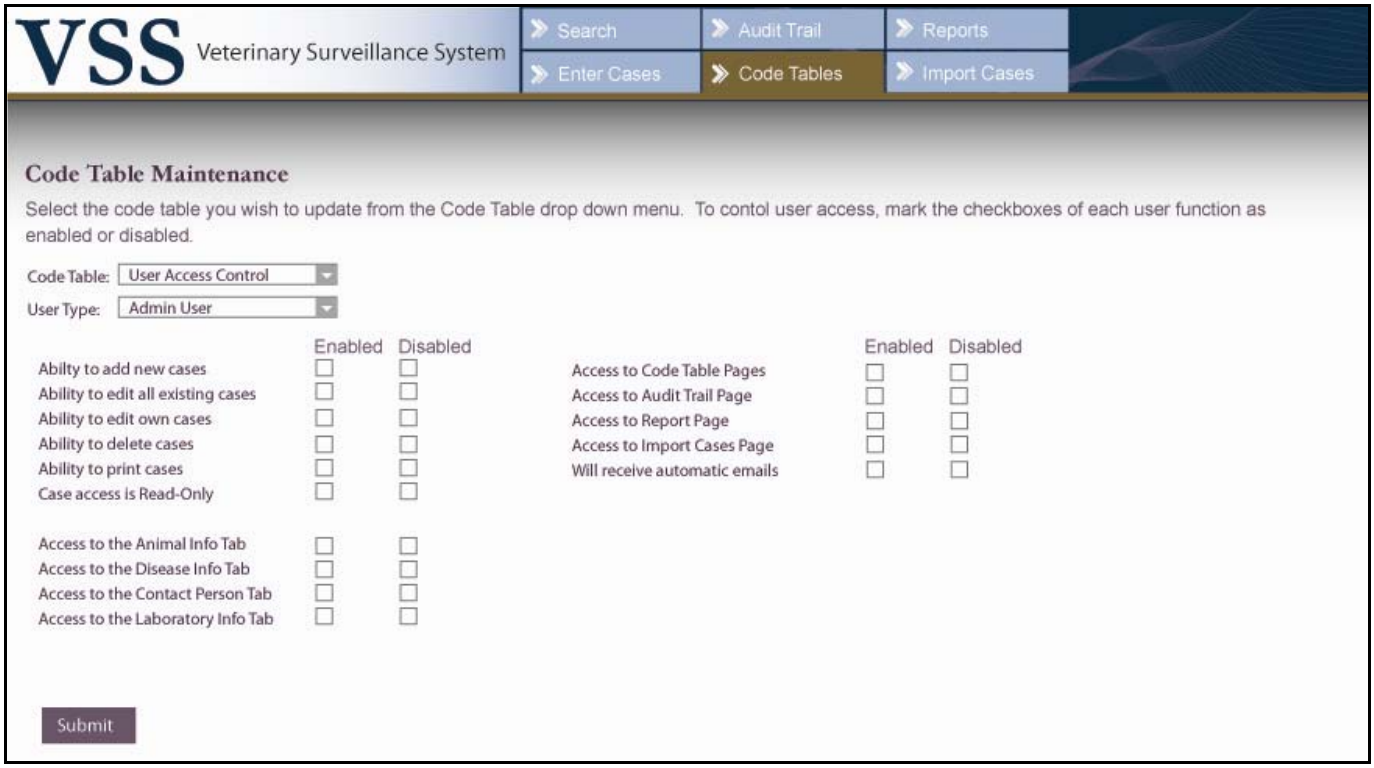
3.4.17 Business Rules – Add User Group

Rule ID	Definition
LADSS – 28	To add a new item, type in the name field and click 'Submit'
LADSS – 29	To edit an existing item, click the select button, edit the name and click submit.

3.4.18 Field Description Table – Add User Group

Field Name	Data Type	Source	Length	Comments
Code Table	Drop Down	Database		Options: • Disease • Species • Outbreak Type • Animal Status • Sample Status • Add User Group • User Control • Email Control
User Group Name	Text	User Input		

3.4.19 Screenshot – User Access Control



3.4.20 Business Rules – User Access Control

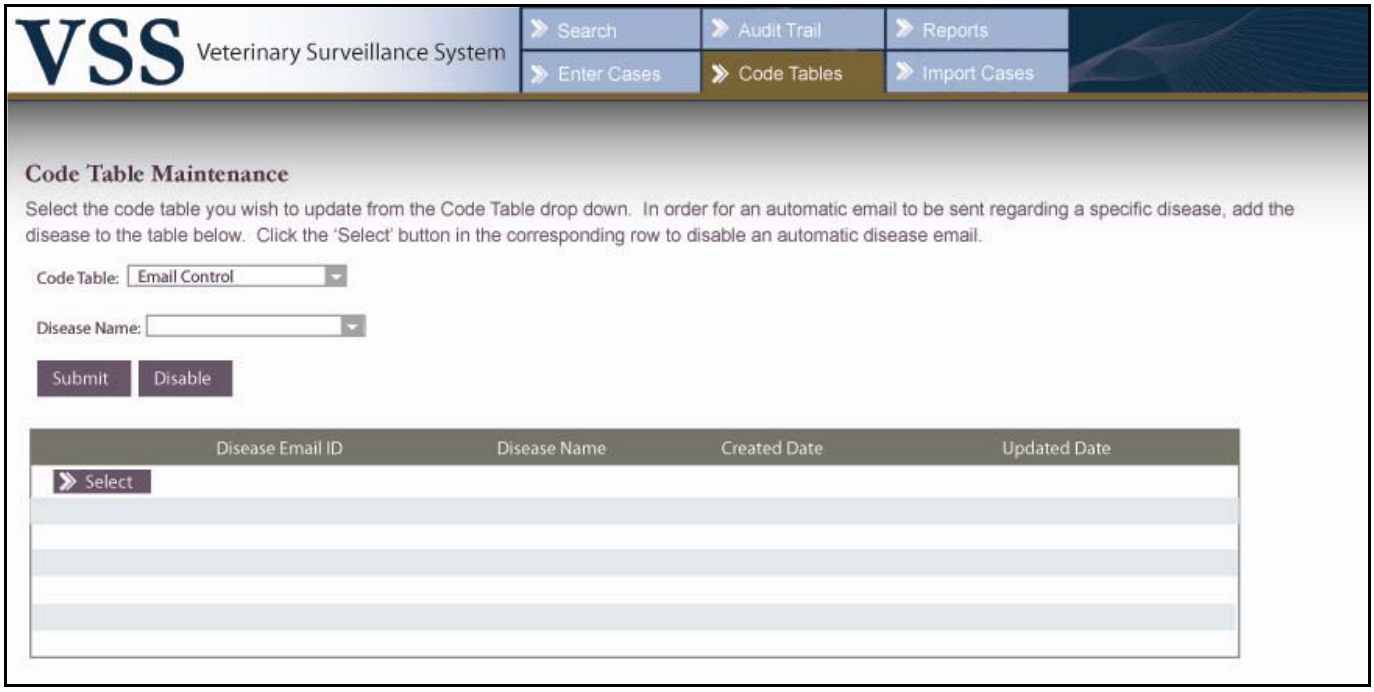
Rule ID	Definition
LADSS – 30	When a user type is selected from the drop down menu, the appropriate checkbox marks will be populated

3.4.21 Field Description Table

Field Name	Data Type	Source	Length	Comments
Code Table	Drop Down	Database		Options: • Disease • Species • Outbreak Type • Animal Status • Sample Status • Add User Group • User Control • Email Control
User Type	Drop Down	Database		All current user types: • Admin • External • Read-Only
Ability to Add New Cases	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will be allowed to add new cases into the system.
Ability to edit all existing cases	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will be allowed to edit all cases in the system.
Ability to edit own cases	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will only be allowed to edit cases which they themselves have entered.
Ability to delete cases	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have the ability to delete cases
Ability to print cases	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have the ability to print cases – NOTE: the print function will only print information from tabs the user has access to
Case access is Read-Only	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will only be able to review existing cases
Access to the Animal Info Tab	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have access to the animal info tab
Access to the Disease Info Tab	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have access to the disease info tab
Access to the Contact Person Tab	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have access to the contact person tab
Access to the Laboratory Info Tab	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have access to the laboratory info tab
Access to Code	Enable/Disable	Database/User		If this is enabled, the user will have

table pages	Checkbox	Input		access to the code table pages
Access to the Audit Trail page	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have access to the audit trail page
Access to Report page	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have access to the report page
Access to Import Cases Page	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have access to the import cases page
Access to Profile Maintenance	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will have access to the profile maintenance page
Will receive automatic emails	Enable/Disable Checkbox	Database/User Input		If this is enabled, the user will receive automatic emails when cases with certain disease information are opened

3.4.22 Screenshot – Email Control



3.4.23 Business Rules – Email Control

Rule ID	Definition
LADSS – 31	To add a new item, select a disease from the drop down and click 'Submit'
LADSS – 32	To disable an existing item, click the select button, and click disable.

3.4.24 Field Description Table

Field Name	Data Type	Source	Length	Comments
Code Table	Drop Down	Database		Options: • Disease • Species • Outbreak Type • Animal Status • Sample Status • Add User Group • User Control • Email Control
Disease Name	Drop Down	Code Table		

3.5 Reports

3.5.1 Screenshot

3.5.2 Field Description Table

Field Name	Data Type	Source	Length	Comments
Date Range	Number	Calendar		Filter
Parish	Drop Down	Database		Filter
Disease name	Drop Down	Code Table		Filter
Species	Drop Down	Code Table		Filter
Diagnosis Status	Drop Down	Database		Yes or No - Filter

3.5.3 Returned Data

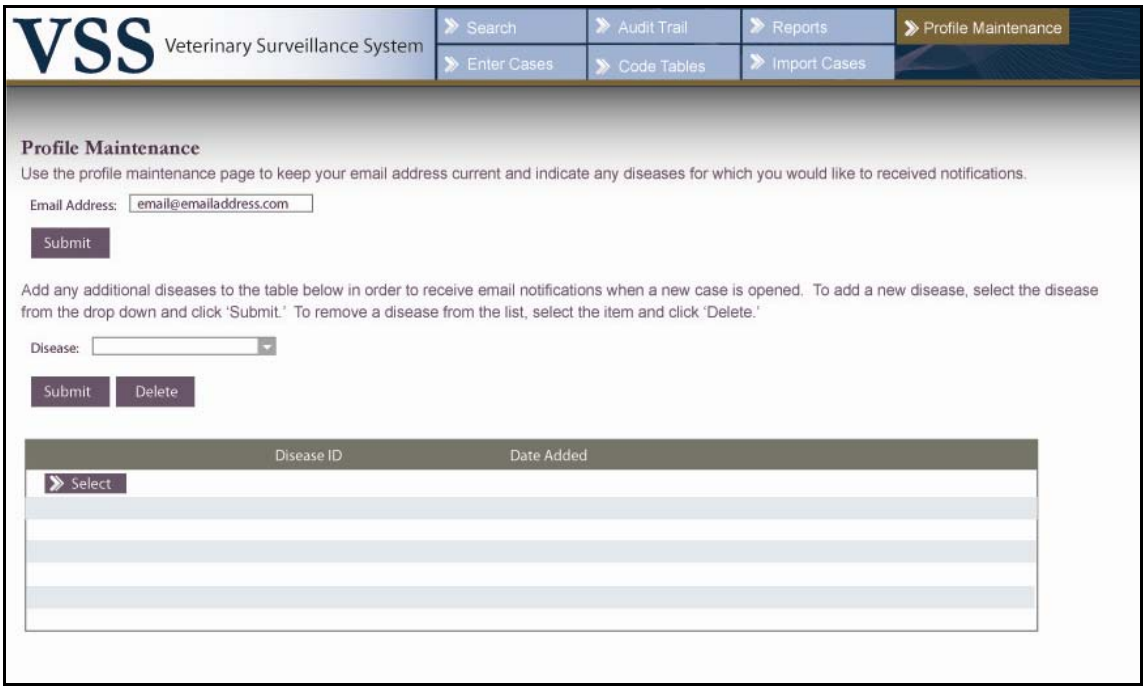
- Columns
  - Case #
  - Parish
  - Case Date
  - Onset Date
  - Species
  - Disease
  - Diagnosis Status
  - # of Animals Affected

3.6 Import Cases

- The Excel spreadsheet for the import function will be arranged so all required fields are at the beginning of the sheet.
- Case number will be a required field in the upload.
- Entry Date, Created by, and User Organization will be captured upon upload – will not be in the spreadsheet.
- If all required fields are not in the record during an import, reject the record and produce an error report.
- A pre-formatted template will be provided to the users.
- All duplicate records brought in through the import function should be rejected.
- State information will not be entered in the excel template as all state information will be LA.

3.7 Profile Maintenance

3.7.1 Screenshot



3.7.2 Business Rules

Rule ID	Definition
LADSS - 33	Pull in the email address from SSO initially but if the user changes the email within the system, use this email.
LADSS – 34	The established list of diseases will be listed in the table so that each user can remove these diseases if they wish.
LADSS – 35	When a disease is added to the list, the user will receive email notifications when a new case with the specified disease is created.
LADSS – 36	When a disease is added from the list, the user will no longer receive email notifications for the specified disease.
LADSS – 37	The system should not let a user add the same disease to the list twice – either remove the disease from the drop down if it is already in the list or give an error message.
LADSS – 38	Profile information will be stored by the User ID that individuals use to log into the system.

3.7.3 Field Description Table

Field Name	Data Type	Source	Length	Comments
Disease Name	Drop Down	Code Table		

3.8 Delete Capability

- Only administrators will have access to this function. A prompt should be given 'Are you sure you want to delete this case?'

3.9 Automatic Email Notifications

- When a case with a specified disease is opened, an email will go out to the user groups indicated in the user access control code table.
- The following is the email notifications disease list:
    - Anthrax
    - Brucellosis
    - Rabies
    - Tularemia
    - West Nile Virus
    - Eastern Equine Encephalitis
    - Western Equine Encephalitis
    - Venezuelan Equine Encephalitis
    - Lacrosse Encephalitis
    - Psittacosis (Ornithosis)
    - Camelpox
    - Monkeypox
    - Tuberculosis (due to M bovis or Avian TB)
    - Leishmaniasis
    - Plague
    - H5NI highly pathogenic influenza
    - Other H5 or H7 highly pathogenic influenza
    - Non-Inherited or Sporadic Transmissible Spongiform Encephalopathy
    - Domestically transmitted human malaria
    - Primate malaria
- Users will also be able to identify additional diseases for which they would like to receive emails through their Profile Maintenance screen.
- The email text will be the following:
    - A case of (disease name) has been posted to the Louisiana Animal Disease Surveillance System in the past 24 hours. To view the case details, go to (website).
      LADSS Administration

3.10 Mapping Function

- The address information (or at least parish) will be collected for each case in order to run GeoCoding for Google Maps. Cases will be plotted on a map of Louisiana.

3.11 Code Tables

- Disease
- Species
- Outbreak Type
- Animal Status
- Sample Status
- Add User Group
- User Control

3.12 Disease List

- Anthrax
- Aujeszky's Disease
- Bluetongue
- Brucellosis (Brucella abortus)
- Brucellosis (Brucella melitensis)

- Brucellosis (Brucella suis)
- Crimean Congo Haemorrhagic Fever
- Echinococcosis/Hydatidosis
- Foot and Mouth Disease
- Heartwater
- Japanese encephalitis
- Leptospirosis
- New World Screwworm (Cochliomyia hominivorax)
- Old World Screwworm (Chrysomya bezziana)
- Paratuberculosis
- Q Fever
- Rabies (Animal and Human)
- Rift Valley Fever
- Rinderpest
- Trichinellosis
- Tularemia
- Vesicular stomatitis
- West Nile Fever (WNV Neuroinvasive disease only in humans)
- Bovine anaplasmosis
- Bovine babesiosis
- Bovine genital campylobacteriosis
- Bovine spongiform encephalopathy
- Bovine tuberculosis
- Bovine viral diarrhea
- Contagious bovine pleuropneumonia
- Enzootic bovine leukosis
- Haemorrhagic septicaemia
- Infectious bovine rhinotracheitis/infectious pustular vulvovaginitis
- Lumpky Skin Disease
- Malignant Catarrhal Fever
- Theileriosis
- Trichomonosis
- Trypanosomosis (tsetse-transmitted)
- Caprine arthritis/encephalitis
- Contagious agalactia
- Contagious caprine pleuropneumonia
- Enzootic abortion of ewes (ovine chlamydiosis)
- Maedi-visna
- Nairobi sheep disease
- Ovine epididymitis (Brucella ovis)
- Peste des petits ruminants
- Salmonellosis (S. abortusovis)
- Scrapie
- Sheep pox
- Goat pox
- African Horse Sickness
- Contagious equine metritis

- Dourine
- Equine encephalomyelitis (Eastern)
- Equine encephalomyelitis (Western)
- Equine infectious anaemia
- Equine influenza
- Equine piroplasmosis
- Equine rhinopneumonitis
- Equine viral arteritis
- Glanders
- Surra (Trypanosoma evansi)
- Venezuelan equine encephalomyelitis
- African Swine Fever
- Classical Swine Fever
- Nipah virus encephalitis
- Porcine cysticercosis
- Porcine reproductive and respiratory syndrome
- Swine vesicular disease
- Transmissible gastroenteritis
- Avian chlamydiosis
- Avian infectious bronchitis
- Avian infectious laryngotracheitis
- Avian mycoplasmosis (M. gallisepticum)
- Avian mycoplasmosis (M. synoviae)
- Duck virus hepatitis
- Fowl cholera
- Fowl typhoid
- Highly pathogenic avian influenza
- Infectious bursal disease (Gumboro disease)
- Marek’s disease
- Newcastle disease
- Pullorum disease
- Turkey rhinotracheitis
- Myxomatosis
- Rabbit haemorrhagic disease
- Acarapisosis of honey bees
- American foulbrood of honey bees
- European foulbrood of honey bees
- Small hive beetle infestation (Aethina tumida)
- Tropilaelaps infestation of honey bees
- Varroosis of honey bees
- Epizootic haematopoietic necrosis
- Infectious haematopoiertic necrosis
- Spring viraemia of carp
- Viral haemorrhagic septicaemia
- Infectious pancreatic necrosis
- Infectious salmon anaemia
- Epizootic ulcerative syndrome bacterial kidney disease (Renibacterium salmoniarum)

- Gyrodactylosis (Gyrodactylus salaries)
- Red sea bream iridoviral disease
- Infection with Bonamia ostreae
- Infection with Bonamia exitiosa
- Infection with Marteillia refringens
- Infection with Mikrocytos mackini
- Infection with Perkinsus marinus
- Infection with Perkinsus olseni
- Infection with Xenohaliotis californiensis
- Taura syndrome
- White spot disease
- Yellowhead disease
- Tetrahedral baculovirosis (Baculovirus penaei)
- Spherical baculovirosis (Penaeus monodon-type baculovirus)
- Infectious hypodermal and haematopoietic necrosis
- Crayfish plague (Aphanomyces astaci)
- Camelpox
- Leishmaniasis
- Plague
- Malaria in primates
- Brucella canis
- Monkey pox
- TB due to Mycobacterium bovis and atypical Mycobacterium (Avian TB)
- All highly pathogenic Avian Influenza in birds
- Low path H5 influenza in birds
- H5N1 influenza in humans
- Novel Animal Influenzae (no longer practical to collect info on novel H1N1 influenza)
- Any TSE that is not sporadic or inherited in humans
- Domestically transmitted human malaria
- Primate malaria
- Leptospirosis
- Lacrosse Encephalitis
- Psittacosis (Ornithosis)

3.13Email Control Interfaces

- Print to PDF
- Email Notifications

3.14Software Specifications

- ASP.NET 3.0
- Oracle 10g

3.15 Project Assumptions

- Users will be created and given appropriate user credentials through DHH's Single Sign-On.

3.16 Business-Related Questions

- Can an Admin user edit all cases or only cases they have entered? Edit all cases
- Can a Read-Only user access reports? Yes

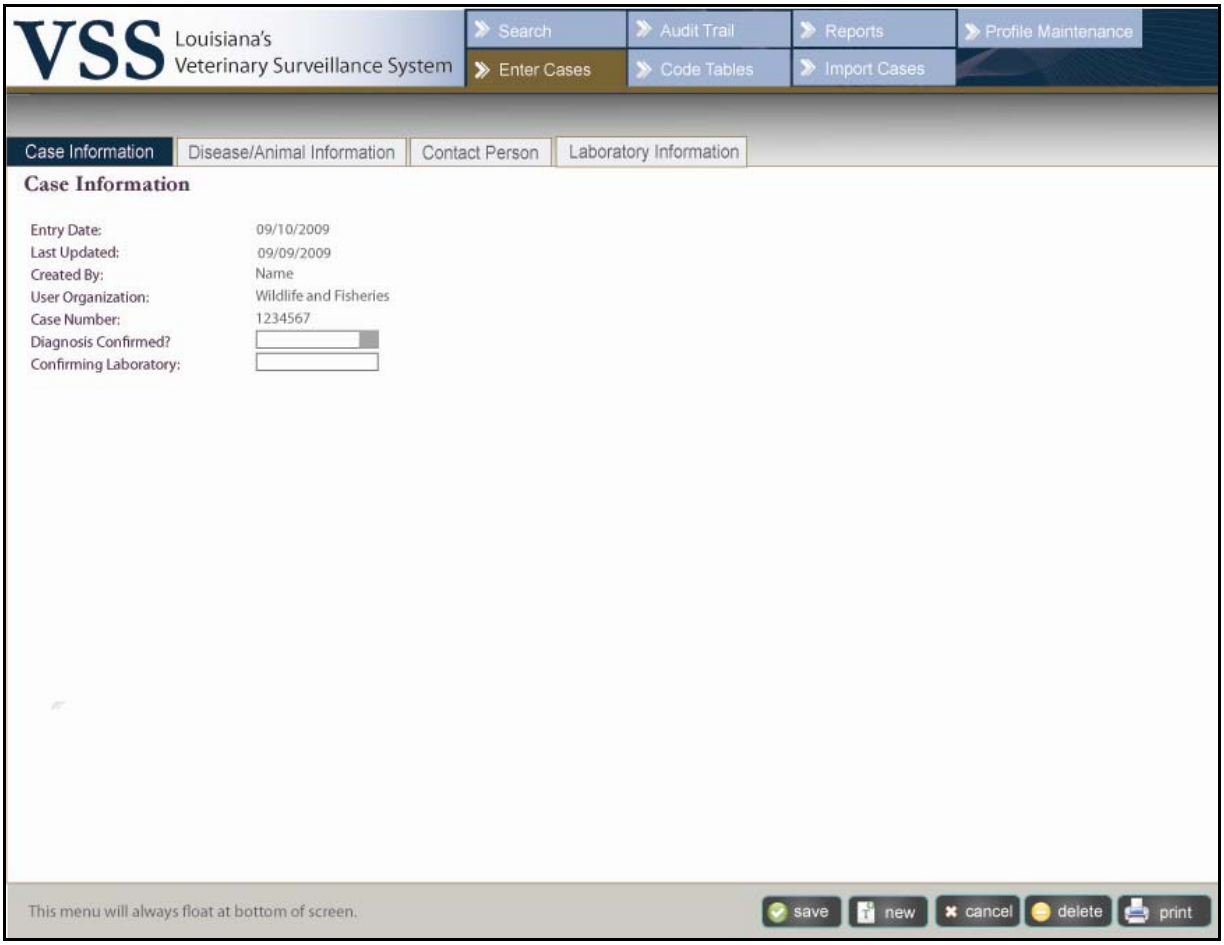
3.17 Change Requests

3.17.1 Change Requests #1

3.17.1.1 Update to Design

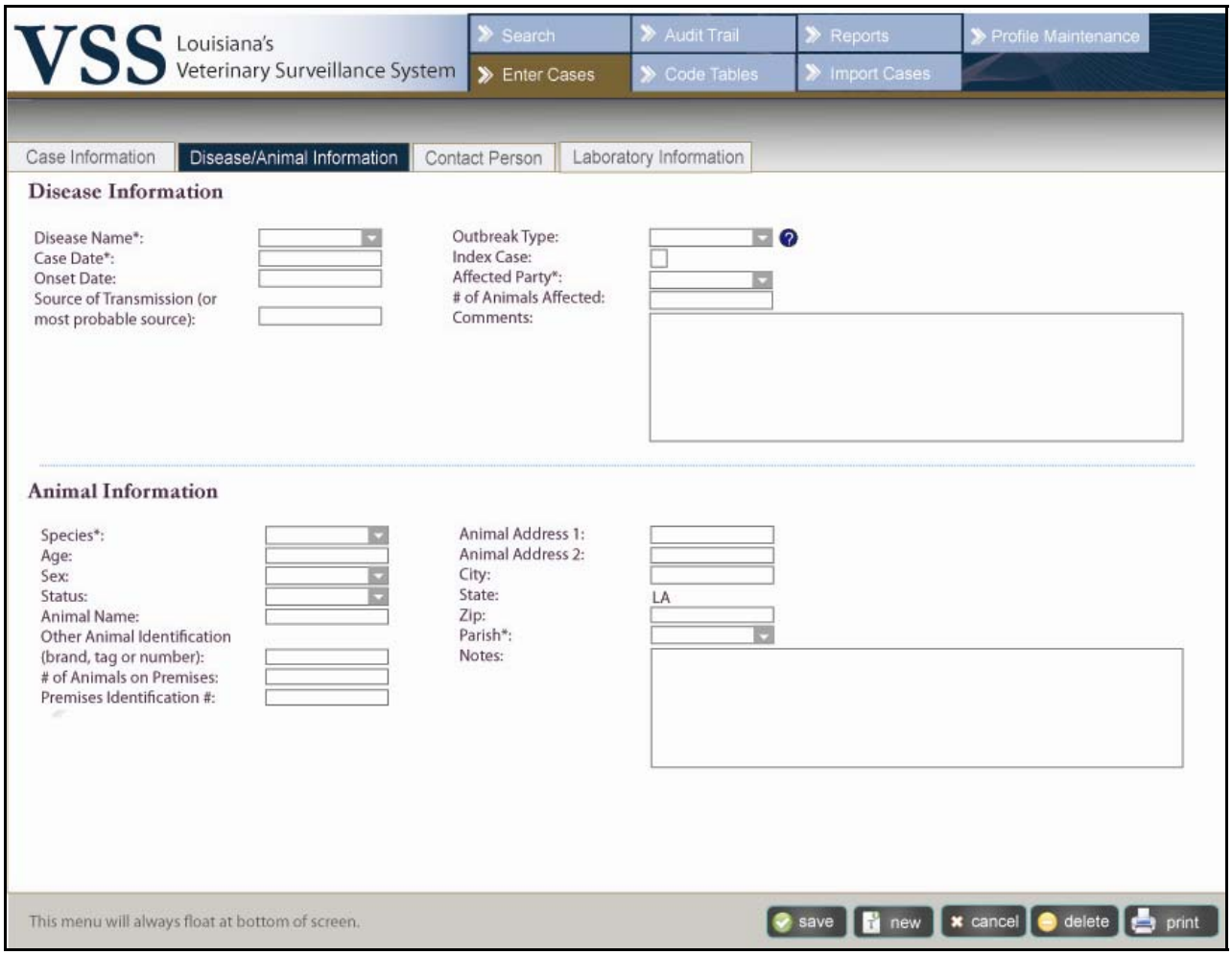
Design header should be changed to read ‘Louisiana’s Louisiana Animal Disease Surveillance System.’

3.17.1.2 Update to Case Information Tab



Field Name	Data Type	Source	Length	Comments
Entry Date	Text	Auto-generated		Date of original entry
Last Updated	Text	Auto-generated		Date of last update to case
Created by	Text	Auto-generated		Name of user who created case
User Organization	Text	Auto-generated		Organization with which creating user is associated with
Case Number	Number	Auto-generated		
Diagnosis Confirmed	Drop Down	Database		Options: 1. Yes 2. No
Confirming Laboratory	Text	User Input		

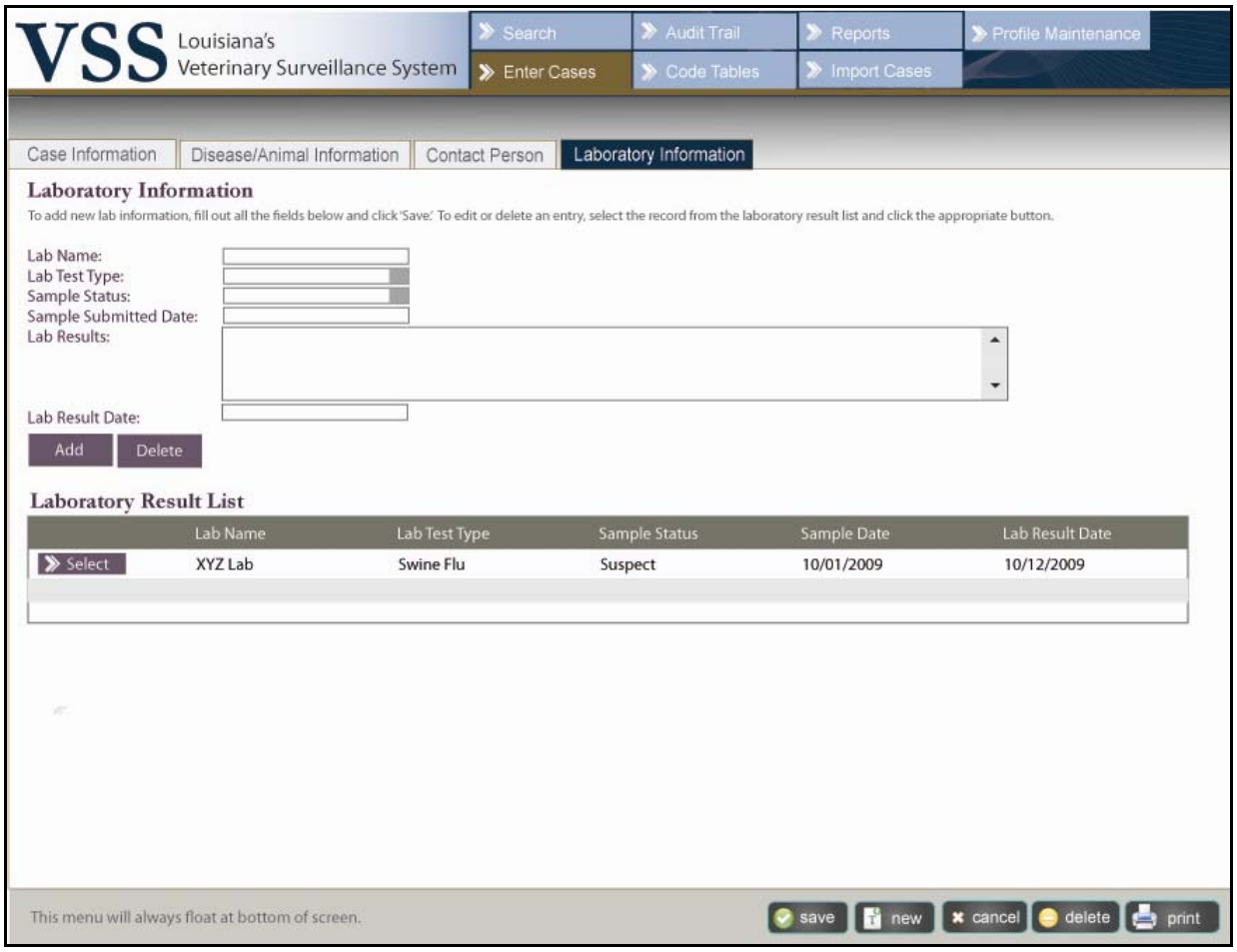
3.17.1.3 Update to Animal/Disease Information Tab



Field Name	Data Type	Source	Length	Comments
Disease name	Drop Down	Code Table		Mandatory field
Case Date	Number	User Input	00/00/0000	Mandatory field – Default to today's date but allow editing
Onset Date	Number	User Input	00/00/0000	
Source of Transmission	Text	User Input		
Outbreak Type	Drop Down	Code Table		Options → 3. Associated 4. Sporadic This field will have an information box – upon clicking the icon, information about this field will be displayed.
Index Case	Checkbox	User Input		
Affected Party	Drop Down	Database		Mandatory field Options → 3. Individual 4. Group
# of Animals	Number	User Input		This field will only be visible if the affected party field is marked 'Group'

Comment	Text	User Input		
Species	Drop Down	Code Table		Required field
Age	Number	User Input		
Sex	Drop Down	Database		Options → 6. Male 7. Female 8. Neutered Male 9. Neutered Female 10. N/A - herd
Animal Status	Drop Down	Code Table		Options → 4. Alive 5. Deceased 6. Euthanized
Animal Name	Text	User Input		
Other Animal Identification	Text	User Input		
# of Animals on the Premises	Number	User Input		
Premises Identification #	Text	User Input		
Animal Address 1	Text	User Input		
Animal Address 2	Text	User Input		
City	Text	User Input		
State	Label	Database		Default to LA
Zip	Number	User Input	00000	
Parish	Drop Down	Database		Mandatory Field
Notes	Text	User Input		

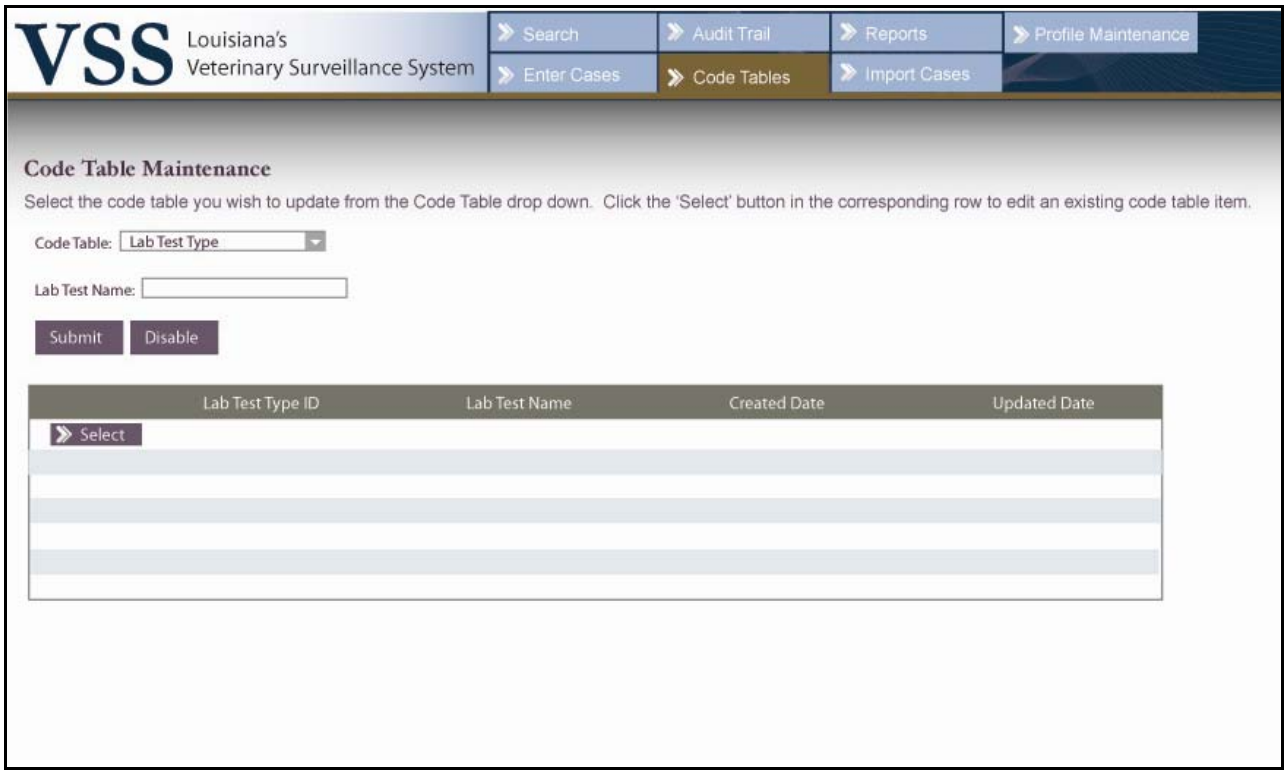
3.17.1.4 Update to Laboratory Information Tab



Rule ID	Definition
LADSS - 38	If 'Other' is chosen for Lab Test Type, produce a mandatory 'Specify' Field.

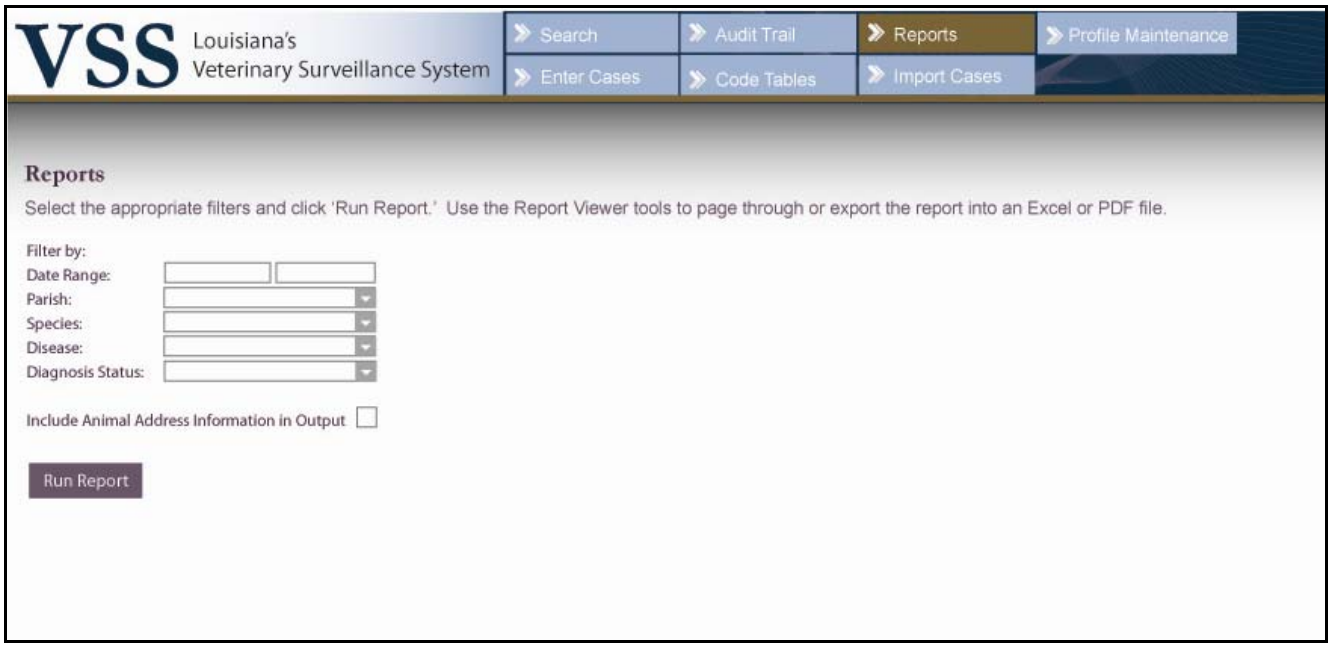
Field Name	Data Type	Source	Length	Comments
Lab Name	Text	User Input		
Lab Test Type	Text	Code Table		
Sample Status	Drop Down	Code Table		Options → 1. Suspect 2. Probable 3. Confirmed
Sample Submitted Date	Text	User Input	00/00/0000	
Lab Results	Text	User Input		
Lab Result Date	Text	User Input	00/00/0000	

3.17.1.5 New Code Table – Lab Test Type



Field Name	Data Type	Source	Length	Comments
Code Table	Drop Down	Database		Options: • Disease • Species • Outbreak Type • Animal Status • Sample Status • Lab Test Type • Add User Group • User Control • Email Control
Lab Test Name	Text	User Input		

3.17.1.6 Update to Reports

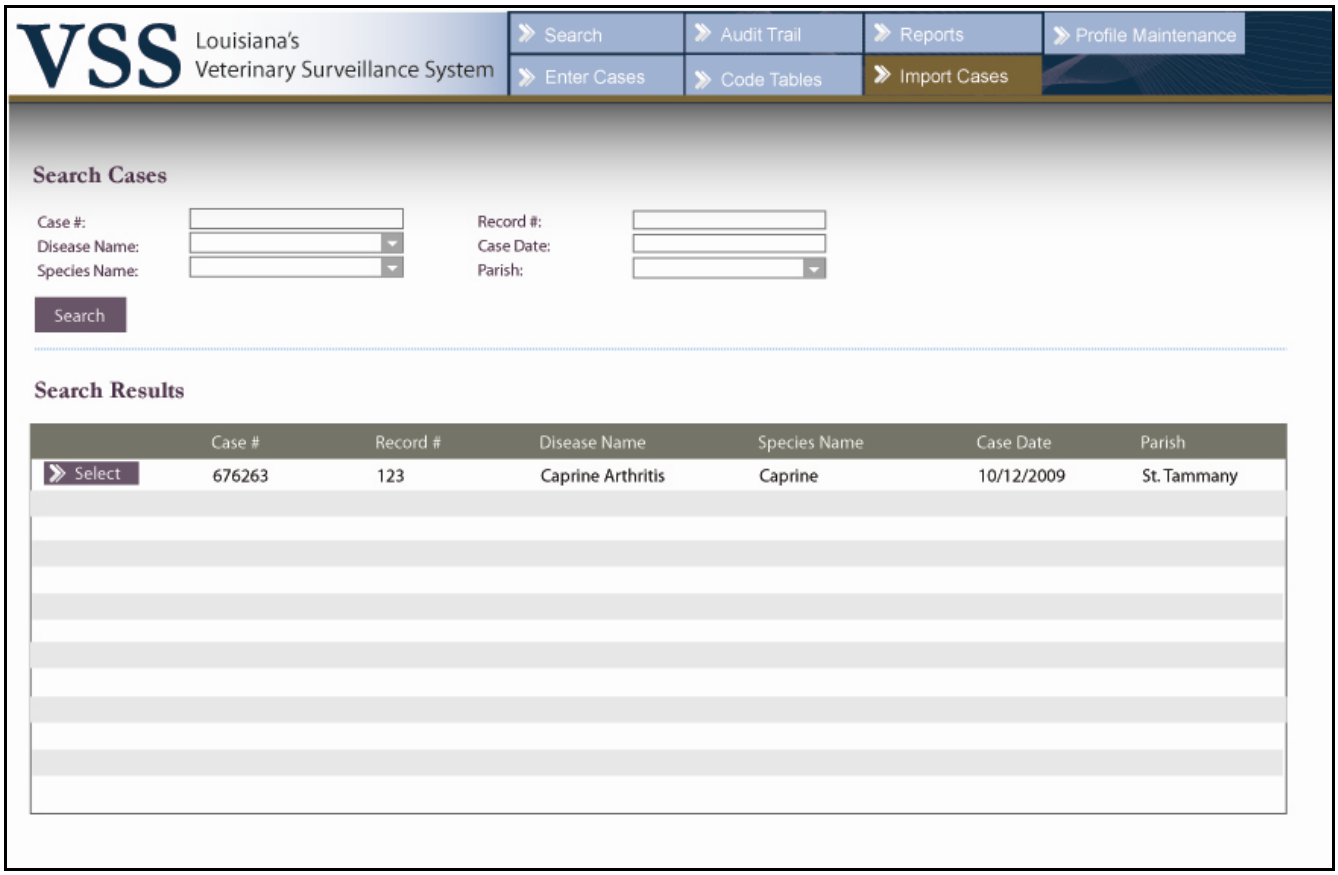


Field Name	Data Type	Source	Length	Comments
Date Range	Number	Calendar		Filter
Parish	Drop Down	Database		Filter
Disease name	Drop Down	Code Table		Filter
Species	Drop Down	Code Table		Filter
Diagnosis Status	Drop Down	Database		Yes or No - Filter
Include Animal Address Information in Output	Checkbox	User Input		If this is checked, animal address information will pull into the Excel output

- Columns
  - Case #
  - Created By
  - User Organization
  - Case Date
  - Onset Date
  - Species
  - Disease
  - Diagnosis Status
  - # of Animals Affected
  - Animal Address 1 (Only if checkbox marked)
  - Animal Address 2 (Only if checkbox marked)
  - Animal City (Only if checkbox marked)
  - Animal State (Only if checkbox marked)
  - Animal Zip (Only if checkbox marked)
  - Animal Parish

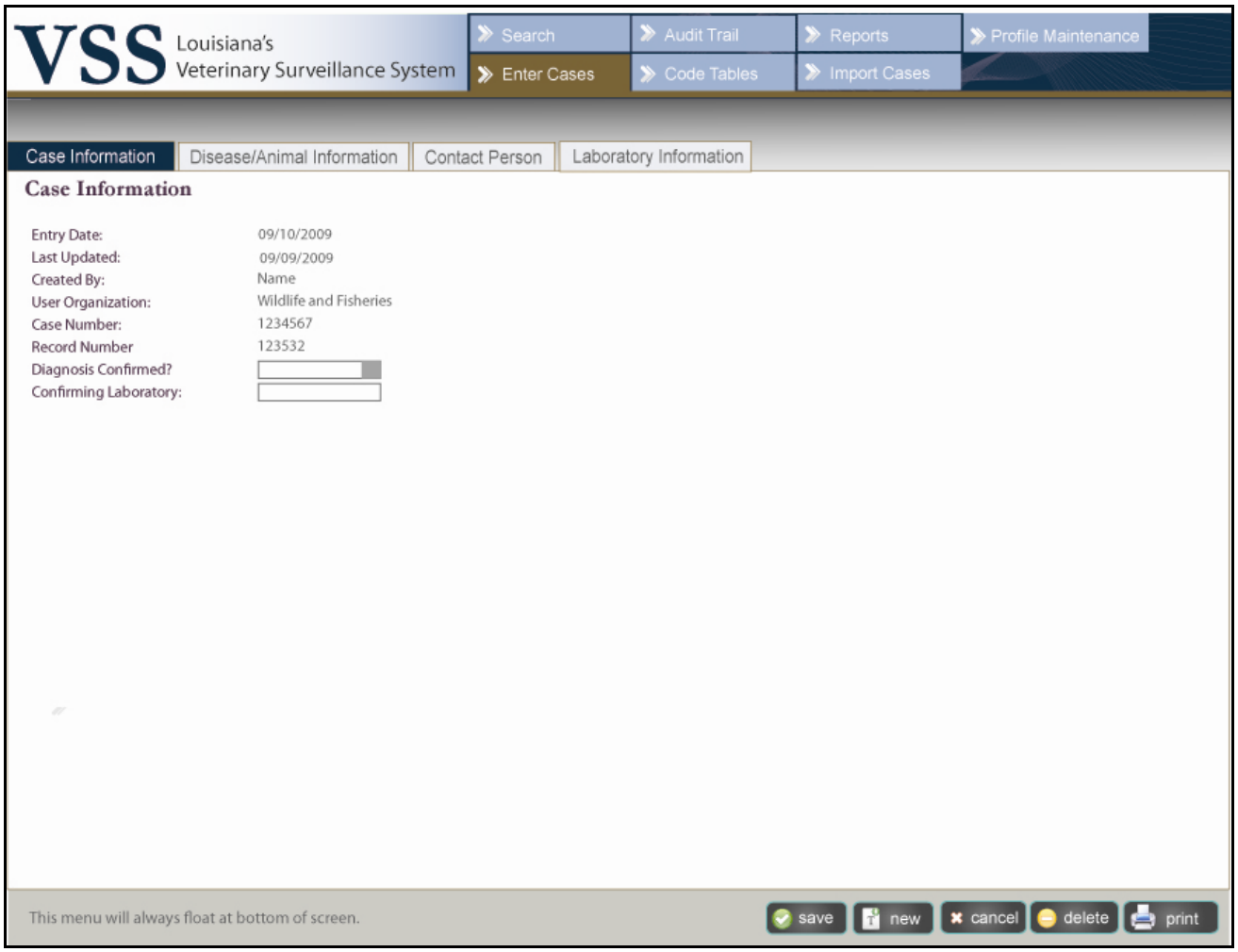
3.17.2 Change Request 2 – 12/10/2009

3.17.2.1 Update to Search Page



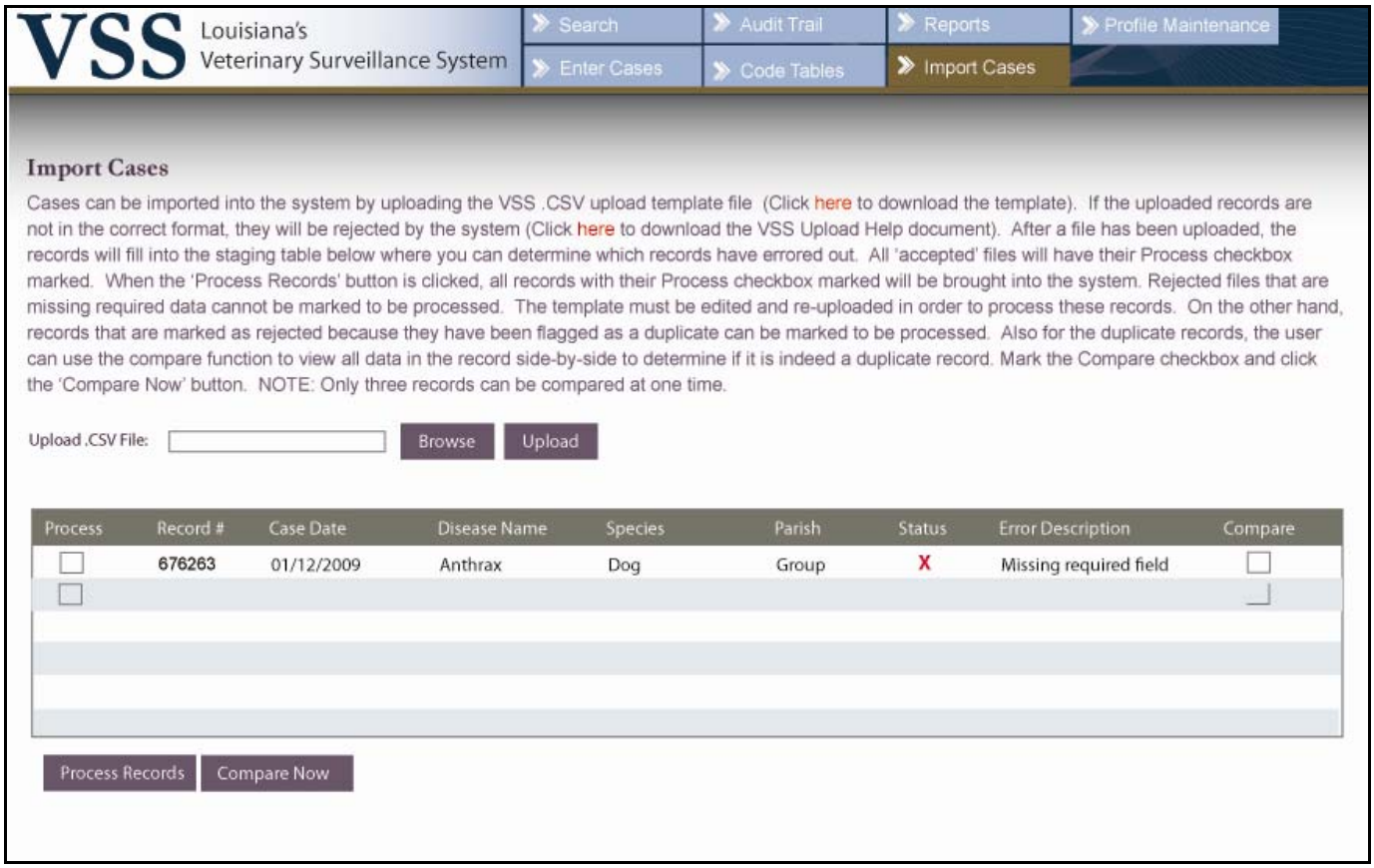
Field Name	Data Type	Source	Length	Comments
Record Number	Number	User input		filter

3.17.2.2 Update to Case Information Tab



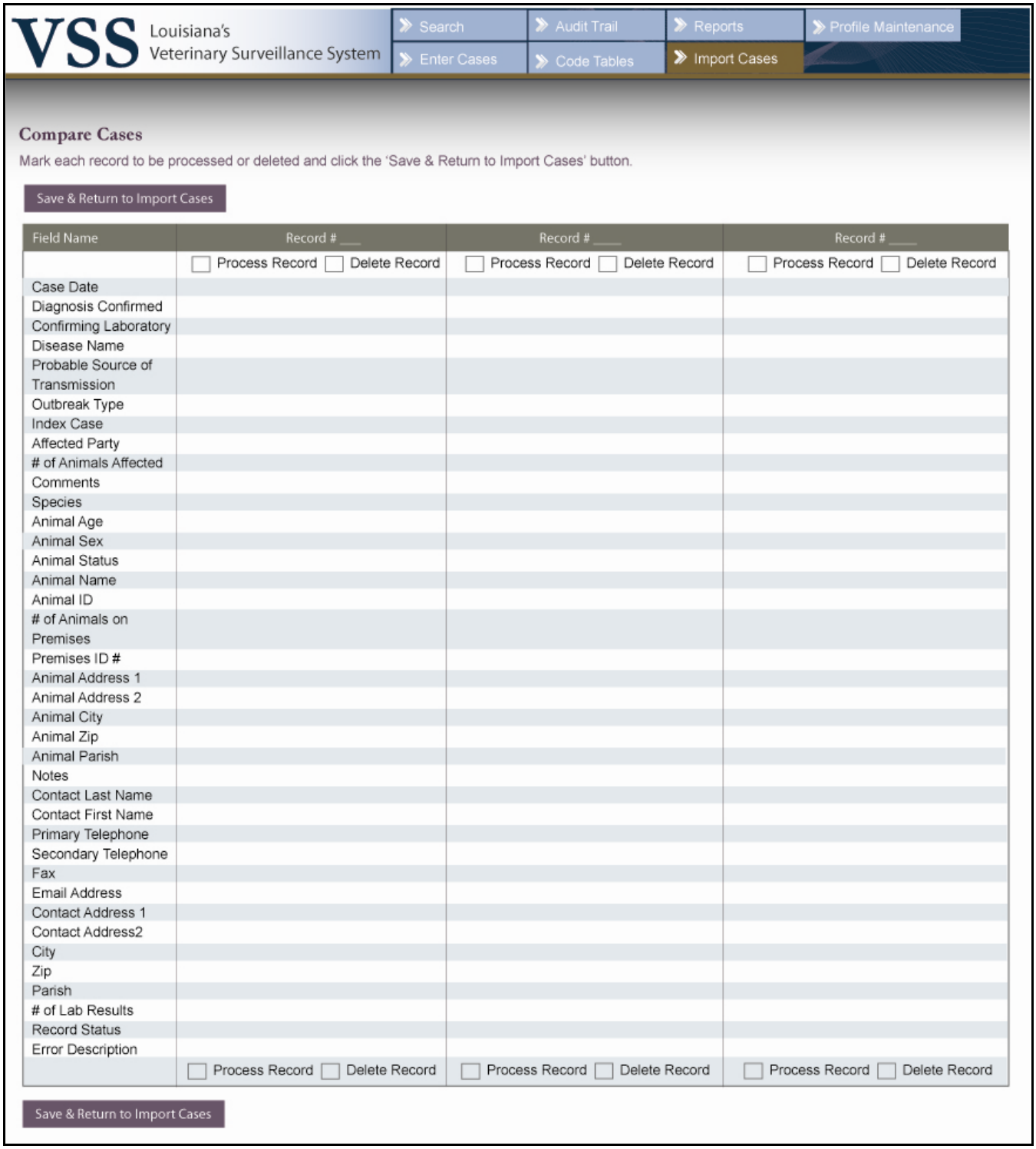
Field Name	Data Type	Source	Length	Comments
Record Number	Number	User input		If file was uploaded, the field will be populated

3.17.2.3 Update to Import Function



Field Name	Data Type	Source	Length	Comments
Upload .CSV File	File extension	Browse from computer files		Must be a .CSV format

Rule ID	Definition
LADSS - 39	The staging table will only show the main records from the upload, not the extra rows for additional lab results
LADSS – 40	The duplicate check will check all imported records from a specific user – will check across submissions
LADSS – 41	If any required fields are missing, the file cannot be processed – dull out the process checkbox
LADSS – 42	The compare feature will be allowed when all required information is included but either the record # AND all required fields match or when all required fields match (but the record # is different)
LADSS – 43	Only three records can be marked to be compared, dull out all boxes once three are selected.
LADSS - 44	When the user selects records and clicks 'Compare Now' they will be taken to the Compare Records screen.
LADSS – 45	For the Error Description of rejected records due to the Sample Status, Animal Status, or Outbreak Status, the options from the code table will be listed in the description.


VSS
Louisiana's
Veterinary Surveillance System
Search
Audit Trail
Reports
Profile Maintenance
Enter Cases
Code Tables
Import Cases
Compare Cases
Mark each record to be processed or deleted and click the 'Save & Return to Import Cases' button.
Save & Return to Import Cases
Field Name
Record # ___
Record # ___
Record # ___
Process Record
Delete Record
Case Date
Diagnosis Confirmed
Confirming Laboratory
Disease Name
Probable Source of Transmission
Outbreak Type
Index Case
Affected Party
# of Animals Affected
Comments
Species
Animal Age
Animal Sex
Animal Status
Animal Name
Animal ID
# of Animals on Premises
Premises ID #
Animal Address 1
Animal Address 2
Animal City
Animal Zip
Animal Parish
Notes
Contact Last Name
Contact First Name
Primary Telephone
Secondary Telephone
Fax
Email Address
Contact Address 1
Contact Address2
City
Zip
Parish
# of Lab Results
Record Status
Error Description
Save & Return to Import Cases

Rule ID	Definition
LADSS - 46	Both the 'Process Record' and 'Delete Record checkbox for a single record cannot be clicked. For example, if user check process record, then checks delete record, uncheck process record.
LADSS – 47	If user checks process or delete record, mark both the field at the top and bottom of the page.
LADSS – 48	If user marks process record, when they save and return to the upload cases screen, the process checkbox will be marked.
LADSS – 49	If user marks delete record, when they save and return to the upload cases screen, the record will no longer be listed in the staging table.