



"STEWARDSHIP IN FORESTRY"

Oregon Department of Forestry

SMOKE DATA SYSTEM

USER GUIDE

Version **1.0**

Last Updated **01/05/2017**

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Chapter 1

INTRODUCTION

1. INTRODUCTION

The intended design of the Smoke Data System (SDS) application is to:

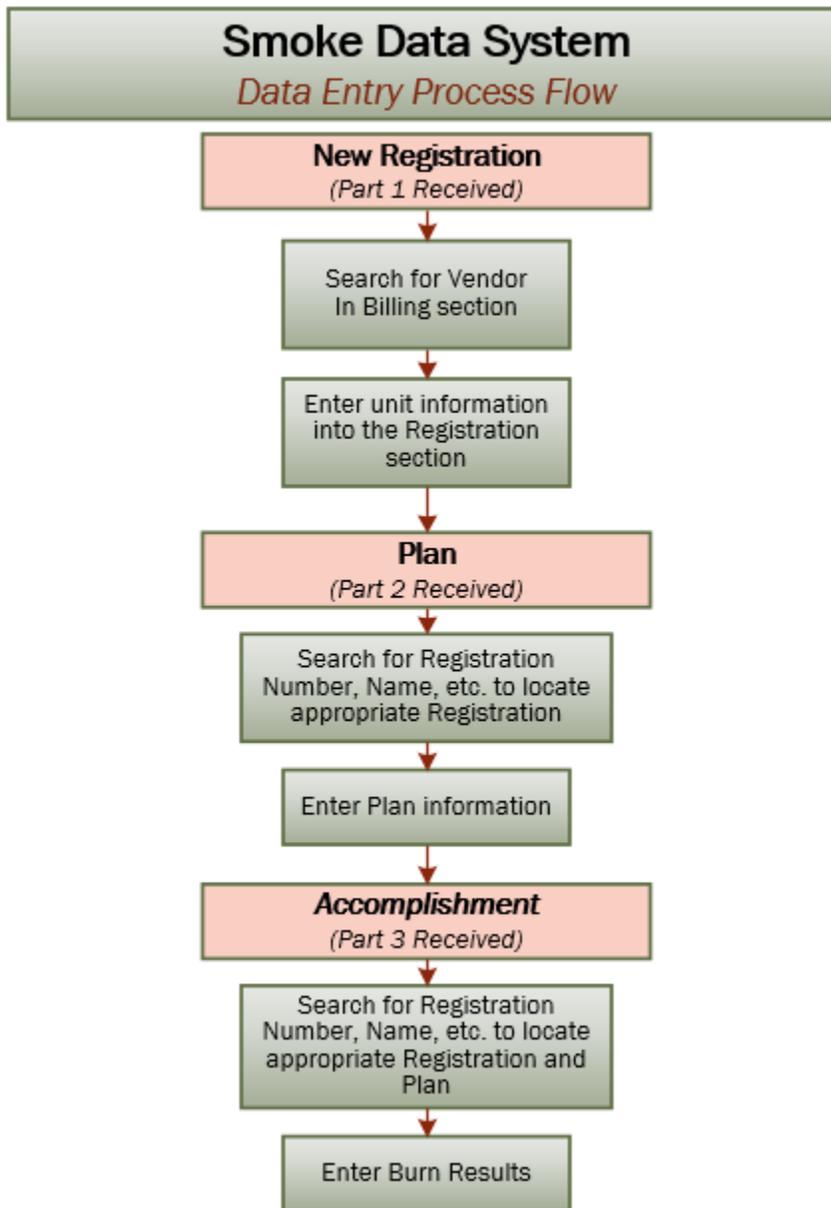
- Make data entry of billing information, registered units, planned burns, and accomplished burns easier to enter
- Eliminate past connectivity and delayed response issues
- Make future enhancements easier to implement
- Print reports easier with additional filters
- Include additional security grouping
- Include additional validation of data fields
- Update the data fields by removing unnecessary fields and adding fields for future enhancements

This User Guide is a tool to assist the users in navigating through the application. Included in the User Guide are detailed instructions and information for using the entire application.

This User Guide is for use and guidance of the Smoke Data System Web Application ONLY. For questions regarding laws, rules, and procedures of the Smoke Management Plan see the [Smoke Management web page](#).

1.1 DATA ENTRY PROCESS FLOW

The design of the Smoke Data System follows the below data entry flow chart:



Chapter 2

THE SMOKE DATA SYSTEM APPLICATION OVERVIEW

2. THE SMOKE DATA SYSTEM APPLICATION OVERVIEW

Designed as a user-friendly system, the SDS application allows for:

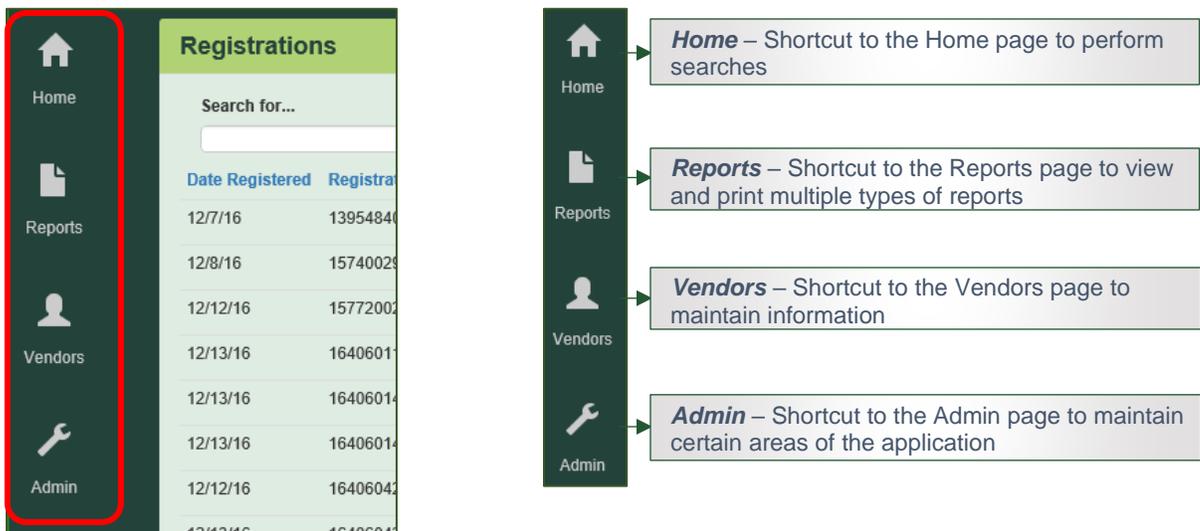
- Entering registrations when a landowner reports a request to burn
- Records when the landowner plans to burn
- Records when the burn is accomplished
- Creates invoices for the fees
- Creates multiple reports

While all of the data entry fields for Billing, Registration, Plans, and Accomplishments are on one page, there are additional areas such as a Reports section and a place to update or add Vendors, to name a couple.

This chapter provides a quick look into each of the areas of the application in order for the user to become familiar with the layout. Later chapters review each area in more detail.

2.1 NAVIGATION PANE

Located along the left side of the application, the Navigation Pane allows for fast connections to the different areas of the application. This is visible from all areas of the application.



2.2 REPORTS PAGE

All reports now show on one page. The report names in the Report menu are slightly different from the previous program but are the same reports. Other reports are combined and new reports added. In addition, there are modified filters/parameters. For more information, see [Chapter 6](#).

2.3 VENDORS PAGE

A new option is a section where the Vendor information is updated or new records added. See [Chapter 3](#) for more information.

Vendor ID	First Name	Last Name	Business Name	Address	Other Address	City	State	Zip Code
06291014-000			JOHN & JULIA JOHNSON	PO BOX 28		WESTLAKE	OR	97493
0629103-005			JOHN HANCOCK % THE CAMPBELL GR	PO BOX 37		MAPLETON	OR	97453
0629103-017			JOHN HANCOCK MUTUAL LIFE INS.	62424 NEHALEM HWY NORTH		VERNONIA	OR	97064
0629103-018			JOHN HANCOCK INSURANCE CO.	273 SR 4 WEST		CATHLAMET	WA	98612
06291045-000			JOHN MCCRACKEN	PO BOX 1088		WELCHES	OR	97067
06291103-001			JOHN SHORT	PO BOX 452		ELMIRA	OR	97437

Vendor		Save	Cancel
Identity		Contact	
*Vendor ID	#####	*Address 1	12324 Easy St Ln.
*Mailing Code	###	Address 2	e.g. 12324 Easy St Ln.
First Name		*City	e.g. Toledo
Last Name	Last Name	*State	e.g. OR or WA
Business Name	Business Name	*Zip Code	#####
Suspended	<input type="checkbox"/>	Telephone	#####

2.4 ADMIN PAGE

The Admin page, which has limited access, is for modifying the drop down options seen throughout the application, and other functionality as well. Below is a sample of some of the areas available for modifications. See [Chapter 7](#) for more details.

Districts	Owenship Codes	Burn Reasons																																																																		
<table border="1"> <thead> <tr> <th>Id</th> <th>District Name</th> <th>Unit Name</th> <th>Exempt Eligible</th> </tr> </thead> <tbody> <tr><td>011</td><td>Deschutes NF</td><td>Bend-Fort Rock</td><td>No</td></tr> <tr><td>012</td><td>Deschutes NF</td><td>Crescent</td><td>No</td></tr> <tr><td>015</td><td>Deschutes NF</td><td>Sisters</td><td>No</td></tr> <tr><td>021</td><td>Fremont NF</td><td>Bly</td><td>No</td></tr> <tr><td>022</td><td>Fremont NF</td><td>Lakeview</td><td>No</td></tr> <tr><td>023</td><td>Fremont NF</td><td>Paisley</td><td>No</td></tr> <tr><td>024</td><td>Fremont NF</td><td>Silver Lake</td><td>No</td></tr> <tr><td>041</td><td>Malheur NF</td><td>Blue Mountain</td><td>No</td></tr> </tbody> </table>	Id	District Name	Unit Name	Exempt Eligible	011	Deschutes NF	Bend-Fort Rock	No	012	Deschutes NF	Crescent	No	015	Deschutes NF	Sisters	No	021	Fremont NF	Bly	No	022	Fremont NF	Lakeview	No	023	Fremont NF	Paisley	No	024	Fremont NF	Silver Lake	No	041	Malheur NF	Blue Mountain	No	<table border="1"> <thead> <tr> <th>Code</th> <th>Owenship</th> </tr> </thead> <tbody> <tr><td>F</td><td>Federal (Region 6, not USFS)</td></tr> <tr><td>O</td><td>Other Federal</td></tr> <tr><td>P</td><td>Private</td></tr> <tr><td>S</td><td>State, County, Municipal</td></tr> <tr><td>U</td><td>USFS</td></tr> </tbody> </table>	Code	Owenship	F	Federal (Region 6, not USFS)	O	Other Federal	P	Private	S	State, County, Municipal	U	USFS	<table border="1"> <thead> <tr> <th>Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr><td>B</td><td>Hazard and Silviculture</td></tr> <tr><td>E</td><td>Level 2 Regulation, Fee Exempt</td></tr> <tr><td>F</td><td>Forest Health</td></tr> <tr><td>H</td><td>Hazard Reduction</td></tr> <tr><td>M</td><td>Forest Health Maintenance</td></tr> <tr><td>R</td><td>Other</td></tr> <tr><td>S</td><td>Silviculture</td></tr> <tr><td>W</td><td>Wildlife Habitat</td></tr> </tbody> </table>	Code	Reason	B	Hazard and Silviculture	E	Level 2 Regulation, Fee Exempt	F	Forest Health	H	Hazard Reduction	M	Forest Health Maintenance	R	Other	S	Silviculture	W	Wildlife Habitat
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2.5 HOME PAGE

The Home page is the initial screen the user sees once logged into SDS. The default view shows the last 14 days of registrations registered. This is also the place to search for a Registration with multiple options for searching. For detailed instructions regarding the different search options, see [Chapter 4](#).

Date Registered	Registration Number	Vendor ID	Vendor Name	Business Name	District	County	Sale Name	Township	Range	Section
12/13/16	164061010005	0629147-024	ROGUE/SISKIYOU NF - APPLGATE/ASHLA		101	Jackson	AFR-BLOCK-3	041S	001E	21
12/12/16	157720024600	06293517-002	ALVIN SEIBER		772	Linn	SEIBER	014S	020E	6
12/12/16	167711288400	06294585-002	THE NATURE CONSERVENCY		771	Lane	COBURG RESTORATION PILE BURNING 201	170S	030W	11
12/7/16	167811050201	06298044-000	DIXIE HARRISON		781	Lane	BOB'S HILL	180S	040W	20
12/13/16	164060140005	0629002-002	BLM KLAMATH FALLS		981	Klamath	WEST-SIDE-PILES	390S	050e	11
12/7/16	164061170021	0629002-024	BLM GRANTS PASS		712	Josephine	CHENEY SLATE TS-13.7	370S	070W	13

2.6 REGISTRATION DATA PAGE

The Billing, Registration, Plans, and Accomplishments are on one page, in three separate sections. This chapter shows these sections individually.

2.6.1 BILLING SECTION

This section shows the name and address of the vendor and all fees associated to the registration and burn. In addition, below the fees will show the invoice number, fee type, fee amount, Burn Type, and invoice date of all invoices sent to the Landowner for the registration and burn fees.

Billing

[Select Vendor](#)

Vendor ID 06291888 -000
First name Robert
Last Name Johnson
Business name
Address 1 16485 OAKDALE
Address 2
City DALLAS
State OR
Zip Code 97338
Phone Number 5036234789
Suspended No

Fees

Registration Fees \$5.00
Burn Fees \$25.00

Invoices

Invoice Number	Fee Type	Burn Fee	Burn Type	Date
ARB 00000005	R	\$5.00	P	12/19/16
ARB 00000005	B	\$25.00	P	12/19/16

The Billing section is the first stop when entering a new registration for an existing vendor. For more information on the Vendors Page, see [Chapter 3](#) and for the Billing section, see [Chapter 5.1](#).

2.6.2 REGISTRATION SECTION

The Registration section has a new layout to make entering data easier and faster. The first screenshot below is what currently shows when first entering a new registration. The extra space on the screen shows more fields when there are Broadcast Acres entered (see second screenshot). For more information, see [Chapter 5.2](#).

Registration Save Cancel

**are required fields*

Unit Identification

*Date Registered: 10/6/16

*Registration Number: #####

*District ID: [dropdown]

*Ownership Code: [dropdown]

*Sale name: Unit Sale Name

Unit Information

*Township: ##N or S

*Range: ##E or W

*Section: 1-36

*Latitude: ## #####

*Longitude: -### #####

*County: [dropdown]

Distance to SSRA: 0-60

*Unit Acres: 1-999

Cutting Date: YYYY-MM

*Elevation: 0-9999

*Slope: 0-200

*Burn Type: [dropdown]

*Burn Reason: [dropdown]

Treatment Summary

Operator Name: Operator Name

*Fuel Species: [dropdown]

Landing R/W Acres: 0-9999

*Landing R/W Tons: 0-99999

Pile Acres: 0-9999

*Pile Tons: 0-99999

Broadcast Acres: 0-9999

Comments:

Entry Date: [input]

Comments: [input]

Registration Save Cancel

**are required fields*

Unit Identification

*Date Registered: 10/6/16

*Registration Number: #####

*District ID: [dropdown]

*Ownership Code: [dropdown]

*Sale name: Unit Sale Name

Unit Information

*Township: ##N or S

*Range: ##E or W

*Section: 1-36

*Latitude: ## #####

*Longitude: -### #####

*County: [dropdown]

Distance to SSRA: 0-60

*Unit Acres: 1-999

Cutting Date: YYYY-MM

*Elevation: 0-9999

*Slope: 0-200

*Burn Type: [dropdown]

*Burn Reason: [dropdown]

Treatment Summary

Operator Name: Operator Name

*Fuel Species: [dropdown]

Landing R/W Acres: 0-9999

*Landing R/W Tons: 0-99999

Pile Acres: 0-9999

*Pile Tons: 0-99999

Broadcast Acres: 1

*Duff Depth: 0-999

Fuel Tons per Acre:

0 - 1/4 Inches: 0-99999

1/4 - 1 Inches: 0-99999

1 - 3 Inches: 0-99999

3 - 9 Inches: 0-99999

9 - 20 Inches: 0-99999

20+ Inches: 0-99999

Forest Floor Fuel:

Litter Type	Depth	% Covered
Forest Floor Fuels Coverage not 100%		

Rotten Fuel Tons per Acre:

3-9 Inches: 0-99999

9-20 Inches: 0-99999

20+ Inches: 0-99999

Rotten Stumps:

Diameter: 0-999

Height: 0-999

Density: 0-999

Live Fuels:

Shrub Type: [dropdown]

Shrub % Covered: 0-100

Shrub Height: 0-999

Tons per Acre: 0-999

Comments:

Entry Date: [input]

Comments: [input]

2.6.3 PLANS SECTION

Similar to the previous application, the Plans and Accomplishments are together for easier processing. A summary area below the Billing and Registration sections is visible for a quick review of any plans and/or accomplishments entered. For more information, see [Chapter 5.3](#).

Plans						
Planned Date & Time	Planned Acres	Planned Total Tons	Actual Date & Time	Burned Acres	Burned Total Tons	
10/13/16 9:00 AM	50	1,700	10/14/16 10:00 AM	50	1,700	

Chapter 3

THE VENDORS PAGE

3. THE VENDORS PAGE

The new application now contains a separate area to add and maintain Vendors. The below sections review how to create a new vendor record and how to search for and modify existing vendor.

NOTE: This does not allow a user to delete a record, only to add or modify. Users are unable to delete VID records due to the invoicing impact this could have.

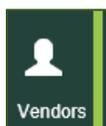
3.1.1 ADD A NEW VENDOR RECORD

Once submitted, a registration that includes a Vendor not currently in the Smoke application goes through a process to obtain a new Vendor ID number (VID).

- The Smoke user contacts the Finance Department by sending an email to [ODF DL Revenue Unit](#). The email should contain:
 - First and Last Name or, if the vendor is a Business, enter the First/Last Name of the Business Contact
 - Business Name, if applicable
 - Complete address (with City State and Zip Code)
 - Phone number
- The Revenue unit creates a new VID and Mail Code
- The Revenue unit replies to the user with the new VID number
- Once received, the user accesses the Vendor page to create the new Vendor record

Below are the steps to add a new Vendor in the SDS Application:

1. In the **Navigation Pane**, click on the link to open the Vendors section of the application:



2. Click on the Create New Vendor button:



3. This opens the Vendor window with two sections: **Identity** and **Contact**

A screenshot of the Vendor form. The form has a light green header with the word "Vendor" on the left and "Save" and "Cancel" buttons on the right. Below the header, the form is divided into two columns: "Identity" and "Contact".

Identity		Contact	
*Vendor ID	#####	*Address 1	12324 Easy St Ln.
*Mailing Code	###	Address 2	e.g. 12324 Easy St Ln.
First Name	First Name	*City	e.g. Toledo
Last Name	Last Name	*State	e.g. OR or WA
Business Name	Business Name	*Zip Code	#####
Suspended	<input type="checkbox"/>	Telephone	#####

4. Enter the following information in the **Identity** section:
 - **Vendor ID:** The Vendor ID provided by the Finance Department
 - **Mailing Code:** The 3-digit number representing the mail code, also provided by the Finance Department

- **First Name:** The Vendor's first name **OR** if the vendor is a business, the business contact's first name
- **Last Name:** The Vendor's last name **OR** if the vendor is a business, the business contact's last name
- **Business Name:** The Business Name, if applicable

5. Enter the following information in the **Contact** section:

- **Address 1:** The Vendors mailing address or the apartment or suite number with the Vendor mailing address located in Address 2.
- **Address 2:** The Vendors mailing address, blank, or a name other than the Contact name entered in the First and Last Name fields.
- **City, State, Zip:** Provide the City, State and Zip Code of the Vendor's mailing address
- **Telephone:** the 10 digit telephone number without special characters

6. Click on the Save button when finished.

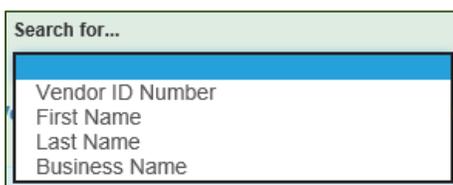
7. Send an email to ODF_DL_Revenue Unit indicating any changes made.

NOTE: Complete this at any time – even after entering a registration for that vendor. The Vendor is not required when entering a registration. However, if the unit accomplishes a burn, there is no invoice sent until the user adds the Vendor to the Billing Section of the Registration.

3.1.2 MODIFY EXISTING VENDOR RECORDS

Smoke Application users can now modify existing Vendor records, even if there are past registrations, when there are spelling errors, address changes, etc. Simply use the following steps:

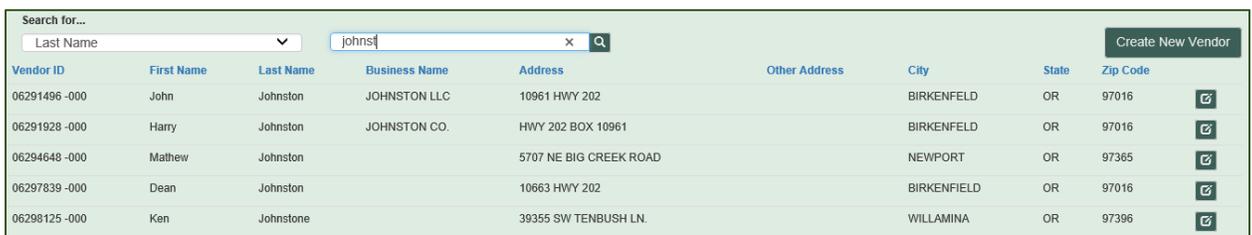
1. In the **Navigation Pane**, click on the  link to open the Vendors section of the application.
2. In the **Search for...** field, select which option to search for:



3. Once a selection has been made, a field appears to the right to enter the criteria:



4. Enter the criteria and hit enter to view the list of matching records:



Vendor ID	First Name	Last Name	Business Name	Address	Other Address	City	State	Zip Code	
06291496-000	John	Johnston	JOHNSTON LLC	10961 HWY 202		BIRKENFELD	OR	97016	
06291928-000	Harry	Johnston	JOHNSTON CO.	HWY 202 BOX 10961		BIRKENFELD	OR	97016	
06294648-000	Mathew	Johnston		5707 NE BIG CREEK ROAD		NEWPORT	OR	97365	
06297839-000	Dean	Johnston		10663 HWY 202		BIRKENFIELD	OR	97016	
06298125-000	Ken	Johnstone		39355 SW TENBUSH LN.		WILLAMINA	OR	97396	

5. Click on the 'Edit' button,  on the right to view the Vendor record:

Vendor		Save	Cancel
Identity		Contact	
*Vendor ID	06294648	*Address 1	5707 NE BIG CREEK ROAD
*Mailing Code	000	Address 2	e.g. 12324 Easy St Ln.
First Name	Mathew	*City	NEWPORT
Last Name	Johnston	*State	OR
Business Name	Business Name	*Zip Code	97365
Suspended	<input type="checkbox"/>	Telephone	#####

6. Modify the necessary information and select the **Save** button when finished or select **Cancel** to return to the Vendors search page, discarding any changes.

Cancel	Save
--------	------

NOTE: an existing name should never be deleted or replaced! A new name or address requires a new vendor number or mail code from the Revenue Unit. The changes above are only completed when a type in the SDS application was made that does not match the information in the SFMA program.

Chapter 4

[HOME PAGE](#) / [SEARCH](#)

4. HOME PAGE / SEARCH

The Home page's main function is searching for existing registrations. When a user first opens the SDS application, the system automatically populates the window with all registrations entered within the last 14 days. If the registration is more than 14 days old, or if the window shows too many records, then use the different search options to locate the necessary registration.

The **Search For** drop down has many ways to search for a registration. These options include:

- Registration Number
- District
- County
- Sale Name
- Vendor ID
- Vendor Name
- Business Name

This chapter discusses each of these search options as well as understanding and using the search results.

4.1 REGISTRATION NUMBER

Previously known as the FACTS ID (or FACTS No.), the Registration number is the most common search. When the user selects to search for **Registration Number**, another field appears to the right for the user to enter the number:



Search for...
Registration Number Registration Number....

To find the desired record, the user can enter the first five numbers (or more), and hit enter to get a list of registrations for the specified year and District. For example, if a user wants to see registrations from the year 2015 for District number 532 (Forest Grove-Columbia City), enter 15532 and hit enter.

Directly below the search boxes, the system displays matching registrations. If there are more than the screen can show, the user is able to scroll through the results using the wheel on a mouse, the up and down arrow keys, the Page Up/Page Down keys on the keyboard, or clicking on the scroll bar on the right of the screen.

Keep in mind, the criteria numbers entered will search the entire registration number:



Date Registered	Registration Number	Vendor ID	Vendor Name	Business Name	District	County	Sale Name
9/26/13	13740015532	06296513 -000	RUSS HELLER RANCH & LOGGING		721	Coos	RUSS HELLER 13
10/26/15	15532014701	06291496 -000	JOHNSTON LLC		532	Columbia	COUGAR CREEK TOWER

As shown above, there are times when you are looking for the first five numbers but the results show Registration Numbers with the 15532 elsewhere in the number.

If there are too many records in the search results, simply type the next section of the registration number and hit enter to narrow down the search results: *(see next page)*

Search for...							
Registration Number		1553201					
Date Registered	Registration Number	Vendor ID	Vendor Name	Business Name	District	County	Sale Name
10/7/16	155320122201	06291490 -002		EVENSON TIMBERLAND AGENCY	532	Columbia	PAGE CREEK NEW PIT
11/3/15	155320141401	06297647 -000		ROBERT BUNTING	532	Columbia	MATT
1/20/15	155320164701	06297461 -000		JERRY REID	532	Columbia	COLTS VI

4.2 DISTRICT SEARCH

Like the Registration Number search, the District search selection activates a field used to select the District:

Search for...		District
District		

However, unlike the Registration Number search, this field provides a drop down option for the user to select the District:

This search option will return a list of all Registrations for the selected District.

Search for...		District					
District		723 Coos FPA Gold Beach					
Date Registered	Registration Number	Vendor ID	Vendor Name	Business Name	District	County	Sale Name
2/10/12	114069280009	0629002-027		BLM MYRTLEWOOD	723	Curry	SOD #48
10/15/16	157401441161	06291920 -000		AL PEIRCE COMPANY	723	Curry	SOUTHBOUND ELK HARVEST
10/20/14	137400052941	06292008 -000		ROY HENDRICK	723	Curry	HENDRICK 3 0114
10/24/13	137400032631	06292456 -000		CROOK TIMBERLANDS LLC	723	Curry	SQUAW VALLEY 2013 TS
12/3/14	147400029541	06292456 -000		CROOK TIMBERLANDS LLC	723	Curry	CHINA MTN 2014 T.S
10/31/13	127400136532	06292456 -000		CROOK TIMBERLANDS LLC	723	Curry	ELK RIVER 2012

4.3 COUNTY SEARCH

Just like the District Search, the County search activates a drop down selection with a list of Counties, which returns a list of all Registrations in that County:

Search for...		County					
County		22 Linn					
Date Registered	Registration Number	Vendor ID	Vendor Name	Business Name	District	County	Sale Name
10/19/12	115820014602	06294090 -000		AARON WHITE	582	Linn	BLUE DEN
10/17/12	117720002600	0629445 -002		WEYERHAEUSER COMPANY	772	Linn	WARNER RIDGE 100
10/19/12	117720006400	06292399 -001		CASCADE TIMBER CONSULTING INC	772	Linn	MARKS 300 W
10/24/12	117720007200	0629458 -000		ROSBORO LUMBER CO.	772	Linn	BRUSH CR
10/19/12	117720009100	0629715 -000		GIUSTINA RESOURCES	772	Linn	FARMERS BUTTE RH

4.4 SALE NAME SEARCH

This search opens a free form text box for the user to enter the Sale Name. Searching by a name can be complicated if the user does not know the entire name. For example, if the user knows the name begins with the word 'Red', they enter Red in the search box and hit enter. The search returns registrations that have 'red' ***anywhere*** in the name:

Search for...							
Sale Name		red					
Date Registered	Registration Number	Vendor ID	Vendor Name	Business Name	District	County	Sale Name
11/6/12	115810057610	0629769 -009		LONGVIEW TIMBERLANDS, LLC	581	Clackamas	LAGREDIE
10/25/12	117400097721	06293150 -001		PLUM CREEK TIMBERLANDS LP	723	Curry	RED ROCK SUPER 35 #1, #2
9/28/12	117710004101	0629715 -000		GIUSTINA RESOURCES	771	Lane	RED CARR
11/13/12	117710007701	06296612 -000		DOROTHY L. BEHM FAMILY TRUST	771	Lane	FREDRICK R. BEHM TRUST
9/26/12	121620004301	0629147-045		WALLOWA-WHITMAN NF - WALLOWA VALLEY	162	Wallowa	RED-VINE
11/15/12	121620004302	0629147-045		WALLOWA-WHITMAN NF - WALLOWA VALLEY	162	Wallowa	RED-VINE-LANDING
10/4/12	124061150035	0629002-022		BLM BUTTE FALLS	711	Jackson	FREDENBURG-PILES
10/4/12	124061150036	0629002-022		BLM BUTTE FALLS	711	Jackson	FREDENBURG-PILES
10/4/12	124061150037	0629002-022		BLM BUTTE FALLS	711	Jackson	FREDENBURG-PILES
10/21/13	125510006801	0629962 -000		DAVID HULL	551	Benton	RED BARN 2013

However, since any of the column headers are available to sort by, clicking on the Sale Name column header will sort the results alphabetically in ascending order. The user can then scroll down until they locate the Sale Names that begin with the word **Red** (see next page).

10/16/13	135530012302	06293150 -000		PLUM CREEK TIMBERLANDS L.P.	553	Lincoln	RED ANT RIDGE HB# 3094
10/21/13	125510006801	0629962 -000		DAVID HULL	551	Benton	RED BARN 2013
9/28/12	127710010201	0629715 -000		GIUSTINA RESOURCES	771	Lane	RED BOULDER
10/23/14	137300121000	0629473 -000		SENECA JONES TIMBER CO	733	Douglas	RED BUTTE 22 N
10/31/16	167301220307	0629473 -000		SENECA JONES TIMBER CO	733	Douglas	RED BUTTE 370
11/17/15	157300061800	0629473 -000		SENECA JONES TIMBER CO	733	Douglas	RED BUTTE 401
10/17/16	157301433100	0629473 -000		SENECA JONES TIMBER CO	733	Douglas	RED BUTTE 402
9/28/12	117710004101	0629715 -000		GIUSTINA RESOURCES	771	Lane	RED CARR

4.5 VENDOR ID SEARCH

As with the Name searches, numeric searches will look for a match anywhere in the Vendor ID. For example, searching for 612 could return the following:

Search for...							
Vendor ID		612					
Date Registered	Registration Number	Vendor ID	Vendor Name	Business Name	District	County	Sale Name
2/3/14	145310022501	06296123 -000		MOUNTAINDALE SUN RESORT CORP	531	Washington	2007-2010
11/12/15	157400250352	06296128 -000		WALDIEN TIMBER	723	Curry	LONG RIDGE
11/12/15	157400451152	06296128 -001		WALDIEN TIMBER II	723	Curry	WTII 2015
11/13/12	117710007701	06296612 -000		DOROTHY L. BEHM FAMILY TRUST	771	Lane	FREDRICK R. BEHM TRUST
11/13/12	127710085701	06296612 -000		DOROTHY L. BEHM FAMILY TRUST	771	Lane	BEHM FAMILY TRUST

NOTE: because all Vendor IDs begin with '0629', searching with just those numbers will return every record in the database.

4.6 VENDOR NAME SEARCH

The Vendor Name is a combination of the First and Last Names entered in the Vendors page window. As with the other searches, the system looks for a match in either name. For example, searching for the name 'John' may return the following information:

Search for...				
Vendor Name		john		
Date Registered	Registration Number	Vendor ID	Vendor Name	Business Name
10/18/12	125320064201	06291496 -000	John Johnston	JOHNSTON LLC
10/14/16	165320641101	06291496 -000	John Johnston	JOHNSTON LLC
10/26/15	155320014701	06291496 -000	John Johnston	JOHNSTON LLC
10/1/13	135520018100	06291888 -000	Robert Johnson	
11/1/13	135320054501	06291496 -000	John Johnston	JOHNSTON LLC
10/18/12	125320031901	06291496 -000	John Johnston	JOHNSTON LLC
2/24/16	165320107701	06297839 -000	Dean Johnston	

4.7 BUSINESS NAME SEARCH

The final search option allows the user to find all registrations associated with a specific Business Name. Just like the above searches, the system uses the criteria to match on any part of the Business Name. Searching for 'The' will return all businesses that begin with 'The', but also business names that have the letters 'the' entered anywhere in the name:

06297689 -000	DENNIS & BRENT BEE THE AM
06293157 -000	KOOZER BRO THE RS LLC
06294585 -002	THE NATURE CONSERVENCY
06297838 -000	ROBERT FORSY THE
06294648 -000	MATHE W JOHNSTON
06297980 -000	HAROLD M. RU THE RFO

4.8 SEARCH RESULTS

Once the user initiates a search, the search might take a bit longer depending on the criteria entered. When this occurs, the word 'Searching...' appears next to the Search input box:

Search for...	
Vendor ID	0629
	Searching.....

In addition, if there are no results found in the search, a message appears letting the user know.

Search for...	
Owner Name	kens
Date Registered	Registration Number
There are no Registrations found	

All column headers in the search results are sortable to help locate the correct registration. However, at this time, the sort is only in ascending order.

Access the Registration Data Page by clicking on the edit button  of the necessary record. For more information on modifying a registration record, see [Chapter 5.4](#).

Search for...											Create New Registration
Business Name		johns									
Date Registered	Registration Number	Vendor ID	Vendor Name	Business Name	District	County	Sale Name	Township	Range	Section	
10/25/12	127810048401	06296528 -000	MATTHEW JOHNSON		781	Lane		18S	5W	18	
4/16/15	155810631401	06297536 -000	DAVID JOHNSON		581	Clackamas	AUTUMN LANE	2S	7E	34	
3/11/14	135810083301	06297098 -000	PAT ADAMS-JOHNSON		581	Clackamas	BORNSTEDT RD	2S	4E	25	

Chapter 5

REGISTRATION DATA PAGE

5. REGISTRATION DATA PAGE

The Registration page shows all the information that pertains to an individual registered burn. This page contains three separate sections:

- Billing
- Registration
- Plan/Accomplishment

5.1 BILLING SECTION

The Billing section shows Vendor specific information including the Vendor ID and Vendor's Name/Business Contact Name, Business name, and address. Below the Vendor's billing information are the Registration and Burn fee amounts followed by any record of Invoices for the registration.

Billing

[Select Vendor](#)

Vendor ID 06291888 -000
First name Robert
Last Name Johnson
Business name
Address 1 16485 OAKDALE
Address 2
City DALLAS
State OR
Zip Code 97338
Phone Number 5036234789
Suspended No

Fees

Registration Fees \$5.00
Burn Fees \$25.00

Invoices

Invoice Number	Fee Type	Burn Fee	Burn Type	Date
ARB 00000005	R	\$5.00	P	12/19/16
ARB 00000005	B	\$25.00	P	12/19/16

This section will discuss:

- Searching for an Vendor
- Search Options
- Understanding the Fees Section
- Understanding the Invoice Section

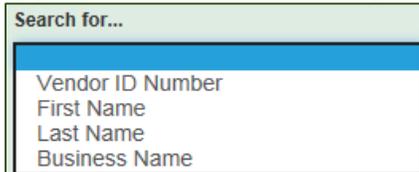
5.1.1 SEARCHING FOR AN VENDOR

When entering a new registration, the first step is to locate an existing billing record for the vendor. To do this, follow these steps:

1. In the Billing section, click on the **Select Vendor** link



2. In the Select Vendor window, click on the **Search for...** drop down and select the appropriate search criteria option



3. Once selected, a field will appear to the right of the option for the user to **enter the criteria**



4. To begin searching, either click on the magnifying glass icon, or simply **hit enter** after entering the criteria
5. The window will refresh with the search results

Vendor ID	First Name	Last Name	Business Name	Address	
06291331 -001	John	Smith		PO BOX 1567 SHERWOOD OR,97140	✓
06293133 -000			GARY BLACKMAN	56489 SW SCOGGINS VALLEY RD GASTON OR,97119	✓
06294133 -000			JOHN W CADDELL	92250 HILLTOP DR COQUILLE OR,97423	✓
06296133 -000			JAMES CRAWFORD	PO BOX 457 TROUTDALE OR,97060	✓
06297133 -000			DONALD BARBEE	25353 S ELWOOD RD COLTON OR,97017	✓

6. **Click on the check mark (✓)** on the right to select the correct vendor for the registration

5.1.2 SEARCH OPTIONS

VENDOR ID SEARCH

1. In the Select Vendor window, click on the **Search for** drop down and select the **Vendor ID Number** search option.
2. In the field to the right, enter the appropriate Vendor ID criteria. See [Chapter 4.6](#) for information on searching by the Vendor ID.
3. Once the correct Vendor has been located, click on the check mark on the right to select the Vendor and begin the registration process.

VENDOR NAME SEARCH

The new application has the Vendor name split into three separate fields:

- First Name
- Last Name
- Business Name

1. Select one of these fields to use in the search. See [Chapter 4.5](#) for tips on searching using names.
2. In the field to the right, enter the appropriate name criteria.
3. Once the correct Vendor has been located, click on the check mark on the right to select the Vendor and begin the registration process.

5.1.3 UNDERSTANDING THE FEES SECTION

The new application brings with it some great new functionality. As a user is entering the Registration and/or Accomplishments, the Fees are automatically calculated and visible in the Fees portion of the Billing section.

Fees	
Registration Fees	\$75.00
Burn Fees	\$335.00

In addition, any time a change to a registration affects the fees calculated the system automatically calculates the new fees and modify the list of invoices to reflect the change, if necessary.

5.1.4 UNDERSTANDING THE INVOICES SECTION

Directly below the fees section, is an area that lists all generated invoices for that Registration. Similar to the previous application, this section shows the Fee Type as well as the date the invoice generated. Below is a sample of a fully accomplished, multi-activity burn:

Invoices				
Invoice Number	Fee Type	Burn Fee	Burn Type	Date
ARB 00000042	R	\$75.00	B	12/5/16
ARB 00000042	B	\$75.00	L	12/5/16
ARB 00000042	B	\$130.00	P	12/5/16
ARB 00000042	B	\$130.00	B	12/5/16

When entering an accomplished burn, the invoices are not visible until the user saves the entire record. See [Chapter 5.3.2](#) for more information on entering an accomplished burn.

5.2 REGISTRATION SECTION

The Registration section is the most significant piece of recording burn activity in the Smoke Data System – all other records directly connect to the Registration record. This chapter walks through creating a new registration (after entering the Billing/Vendor information – see [Chapter 5.1](#)), tips on modifying an existing registration, and shows some common troubleshooting tips.

5.2.1 CREATE A NEW REGISTRATION

First, select the **Create New Registration** button in the upper right portion of the Home screen. The main Registration screen appears where the user then adds the detailed registration information.

Once in the Registration window, the user first searches for (see [Chapter 5.1.1](#)) or creates (see [Chapter 3.1.1](#)) the Vendor record. After searching for or creating the Vendor record, the user enters the specific registration information.

The following pages of this chapter review each data field, grouped into the different sections:

- Unit Identification
- Unit Information
- Treatment Summary

UNIT IDENTIFICATION

Just as the name implies, this section displays the basic information of the registered unit.

The screenshot shows a form titled "Unit Identification" with the following fields:

- *Date Registered: 12/5/16 (with a date picker icon)
- *Registration Number: #####
- *District ID: (dropdown menu)
- *Ownership Code: (dropdown menu)
- *Sale name: Unit Sale Name

DATE REGISTERED

As a required field, the Date Registered reflects the receipt date of the request at the District office. Prefilled to the current date, the field is changeable to a past date if necessary, by selecting the 'date picker' icon to the right of the field. For example: if a delay happens, between the time the landowner submits the information and the time the District is able to enter the data into the system, the Date Registered is the original date of receipt, not the current date.

REGISTRATION NUMBER

Previously named FACTS ID, the Registration Number consists of a 12-digit combination of the below information and is a required field.

POSITION	DATA NAME	EXAMPLE
1-2	2-digit current year	2016 would be entered as 16
3-5	3-digit District ID (for activity Burns)	954 (for Central Oregon/The Dalles)
6-10	FACTS ID Number	84001
11-12	Rolling Counter	01, 02, 03, etc. (starting at 01 not 00)

Using the example above, the resulting Registration Number is **169548400101**.

NOTE: It is important to verify the Registration ID is correct before saving the record. This is not an editable field! The application administrator must delete the entire record so the user is able to enter a new, correct registration number.

DISTRICT ID

Choose the correct District ID from the drop down option box. The options, sorted by District ID, list the District Name as well as the Ranger Station (Unit) Name. Click on the desired district

and the District ID field populates with the selection. The user may also tab to the District ID field and enter the 3-digit District ID code. This is a required field.

OWNERSHIP CODE

The Ownership Code indicates the entity of the landowner and is a required field. The user has two ways to enter the Ownership Codes: use the mouse and select an option from the drop down, or simply hit the character code for the Code desired. Available options are:

*Ownership Code	<ul style="list-style-type: none">F Federal (Region 6, not USFS)O Other FederalP PrivateS State, County, MunicipalU USFS
-----------------	--

The new application cannot accept a 'blank' option in a drop down selection when the field is a required field. Therefore, the new code for USFS is 'U'. In addition, a new option is available for Other Federal. This option, only used with the Federal file import, represents Federal landowners that are not in Region 6 and are not USFS.

SALE NAME

The Sale Name field is a free form text field that is a required field. The user enters the Unit Sale Name into this box.

UNIT INFORMATION

The Unit Information section describes the location information of the registered unit and identifies the burn type and reason.

Unit Information	
*Township	##N or S
*Range	##E or W
*Section	1-36
*Latitude	## #####
*Longitude	-### #####
*County	<input type="text"/>
*Distance to SSRA	0-60
*Unit Acres	1-99999
Cutting Date	YYYY-MM <input type="calendar"/>
*Elevation	0-9999
*Slope	0-200
*Burn Type	<input type="text"/>
*Burn Reason	<input type="text"/>

TOWNSHIP

This field represents the North/South location of the unit. It is a required field that **does not accept leading zeros**. Additional validation also checks to see if the value entered is within the State of Oregon's boundaries. To enter a half value, simply enter it as XX.5N/S (i.e.: 31.5S). However, only valid half values are accepted. For example, 2S is a valid Township, but 2.5S is not.

RANGE

Similar to Township, Range is a required field but represents the East/West location of the unit. The Range also **does not allow leading zeros** and the value must be within the Oregon boundaries. In addition, enter half values here as well, as long as the value is a valid Range.

SECTION

The Section is a required, 2-digit field that represents a point within the Township and Range selection. The number must be greater than or equal to 1 and less than or equal to 36.

LATITUDE AND LONGITUDE

The Latitude and Longitude are new, **required**, fields. This requirement is due to the new mapping representation of Plans, and Burns and in the future, Registrations.

The data must be in Decimal Degrees format **ONLY**:

Latitude format: II.DDDD

Longitude format: -III.DDDD (the user must enter the minus sign)

COUNTY

Using the drop down options, select the County the unit is located in, or type in the 1 – 2 digit County Code – **with no leading zeros**.

DISTANCE TO SSRA

Enter the number of miles to the nearest SSRA within the range of 0 – 60 miles. If the nearest SSRA is more than 60 miles, enter 60.

UNIT ACRES

Enter the total number of acres in the unit into the Unit Acres field. This required field must be greater than 0 and less than 99999. Once entered, and the record saved, the system uses the Unit Acres, along with other factors to determine if there are any Registration and Burn Fees associated with the record.

CUTTING DATE

Enter the date, in YYYY-MM format, which represents when 70% of the cutting is complete. This is a required field and the user must enter the dash (-). For natural fuels or no cutting, leave the field blank – **DO NOT** enter values of '0000' or '9999'. These are not acceptable values.

ELEVATION

Rounding to the nearest 100 feet, enter the Elevation of the unit in numbers 0 – 9999.

SLOPE

This required field is the percent of the slope of the Unit. Valid entries are 0 – 200.

BURN TYPE

The type of burn is required for all registrations. The user can choose to use the drop down to locate the correct Burn Type, or tab to the field and enter the single character code for the needed type. The options are:

*Burn Type
B Broadcast Activity
F Broadcast Natural
G Grapple Pile
H Handpile
L Landing Only
N Underburn Natural
R Right of Way Only
S Rangeland
T Tractor Pile
U Underburn Activity

BURN REASON

The last field in the Unit Information section is the Burn Reason. As in other drop down selections, the user may choose to click anywhere in the data field to initiate the drop down list or tab to the field and enter the single character code for the applicable Burn Reason.

Valid options are: *(see next page)*

*Burn Reason	B Hazard and Silviculture E Level 2 Regulation, Fee Exempt F Forest Health H Hazard Reduction M Forest Health Maintenance R Other S Silviculture W Wildlife Habitat
---------------------	--

TREATMENT SUMMARY

Treatment Summary		Rotten Fuel Tons per Acre:	
Operator Name	<input type="text" value="Operator Name"/>	3-9 Inches	<input type="text" value="0-99999"/>
*Fuel Species	<input type="text" value="▼"/>	9-20 Inches	<input type="text" value="0-99999"/>
Landing R/W Acres	<input type="text" value="0-9999"/>	20+ Inches	<input type="text" value="0-99999"/>
*Landing R/W Tons	<input type="text" value="1-99999"/>	Rotten Stumps:	
Pile Acres	<input type="text" value="0-9999"/>	Diameter	<input type="text" value="0-999"/>
*Pile Tons	<input type="text" value="1-99999"/>	Height	<input type="text" value="0-999"/>
Broadcast Acres	<input type="text" value="0-9999"/>	Density	<input type="text" value="0-999"/>
*Duff Depth	<input type="text" value="0-999"/>	Live Fuels:	
Fuel Tons per Acre:		Shrub Type	<input type="text" value="▼"/>
0 - 1/4 Inches	<input type="text" value="0-99999"/>	Shrub % Covered	<input type="text" value="0-100"/>
1/4 - 1 Inches	<input type="text" value="0-99999"/>	Shrub Height	<input type="text" value="0-999"/>
1 - 3 Inches	<input type="text" value="0-99999"/>	Tons per Acre	<input type="text" value="0-999"/>
3 - 9 Inches	<input type="text" value="0-99999"/>	Comments:	
9 - 20 Inches	<input type="text" value="0-99999"/>	Entry Date	<input type="text" value="Comments"/>
20+ Inches	<input type="text" value="0-99999"/>		
Forest Floor Fuel:			
Litter Type	Depth	% Covered	
Forest Floor Fuels Coverage not 100%			

The Treatment Summary area focuses on the acres and tons of fuel on the unit as well as the types of fuels and treatments. This section has multiple subsections that focus on the different areas of treatment and fuels. The user enters data into the first section of the Treatment Summary (first seven fields, as necessary) for all registrations. However, the remaining subsections are only necessary when the Burn Type is Broadcast or Underburn.

GENERAL INFORMATION

Operator Name	<input type="text" value="Operator Name"/>
*Fuel Species	<input type="text" value="▼"/>
Landing R/W Acres	<input type="text" value="0-9999"/>
*Landing R/W Tons	<input type="text" value="1-99999"/>
Pile Acres	<input type="text" value="0-9999"/>
*Pile Tons	<input type="text" value="1-99999"/>
Broadcast Acres	<input type="text" value="1"/>

OPERATOR NAME

Because the company or persons conducting the burn may or may not be the landowner, the Operator Name is an optional, free form field where the user can enter this information.

FUEL SPECIES

This required field specifies they type of fuel in the unit for burning. Click anywhere in the data field to initiate the drop down menu, or tab to the data field and enter the single character code for the species type. Valid options are: *(see next page)*

*Fuel Species	
	B Brush
	D Douglas Fir Hemlock Cedar
	G Grass
	H Hardwood
	J Juniper
	L Lodgepole Pine
	M Mixed Conifer
	P Ponderosa Pine
	S Sagebrush, Bitterbrush

LANDING R/W ACRES

An optional field to identify how many acres of the Unit created the Landing. This must be equal to or less than the Unit Acres. If not used, leave the field blank. If used, the value must be greater than 1. This becomes a required field if any amount greater than 0 is in the Landing R/W Tons field.

LANDING R/W TONS

The weight, in tons, of the unit brought to the Landing.

PILE ACRES

An optional field to identify how many acres of the unit is in Piles. If not used, leave the field blank. If used, the value must be greater than 1. This becomes a required field if any amount greater than 0 is in the Pile Tons field.

PILE TONS

The weight, in tons, of the unit included in the Piles

BROADCAST ACRES

Another optional field used to identify the number of acres to broadcast burn from the unit. If not used, leave the field blank. If used, the value must be greater than 1.

*Enter the following data fields only if the Burn Type is **Broadcast Activity**, **Broadcast Natural**, **Underburn Activity**, or **Underburn Natural**.*

DUFF DEPTH

The required Duff Depth field is a part of the Forest Floor Fuel but for visibility purposes is located just below Broadcast Acres. The field represents the debris on the forest floor, to the nearest tenth of an inch. If the depth is a decimal amount, enter the number without the decimal. For example, if the depth is 1.6, enter 16 as the Duff Depth.

FUEL TONS PER ACRE

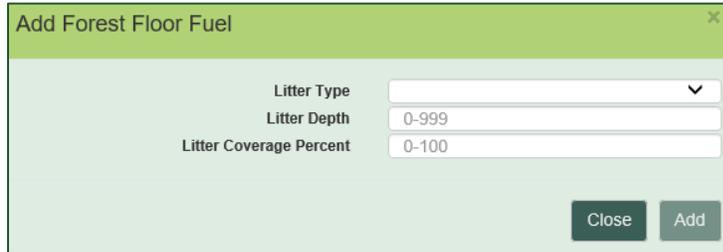
This section is measured groupings of live fuel included in the broadcast burn that represents the tonnage per acre, per size class. Enter values of 0-999 into the applicable groups (more than one group may have values).

Fuel Tons per Acre:	
0 - 1/4 Inches	<input type="text" value="0-99999"/>
1/4 - 1 Inches	<input type="text" value="0-99999"/>
1 - 3 Inches	<input type="text" value="0-99999"/>
3 - 9 Inches	<input type="text" value="0-99999"/>
9 - 20 Inches	<input type="text" value="0-99999"/>
20+ Inches	<input type="text" value="0-99999"/>

FOREST FLOOR FUEL

This section defines the type of litter fuel covering the broadcast burn area, the depth of the litter, and the percentage of coverage for that litter type. Create multiple entries for each Litter Type on the unit.

To add the Forest Floor Fuel litter information, click on the plus sign  and a separate window appears:



The dialog box titled "Add Forest Floor Fuel" contains three input fields: "Litter Type" (a dropdown menu), "Litter Depth" (a text box with "0-999" entered), and "Litter Coverage Percent" (a text box with "0-100" entered). At the bottom right, there are "Close" and "Add" buttons.

LITTER TYPE

This field identifies the type of litter that makes up the Forest Floor Fuel. The Litter Type options are:



A dropdown menu showing the following options: Short Needle Pine, Long Needle Pine, Other Conifer, Deciduous Hardwood, Evergreen Hardwood, and Grass.

Using the keyboard, simply type the first letter of the option desired to select it. Alternatively, click on the drop down and select the correct option using the computer mouse.

LITTER DEPTH

Enter a value of zero through 999 that represents the depth of the litter, in inches.

LITTER COVERAGE PERCENT

Enter the percent of coverage on the unit for that litter type. The '% Covered' total must equal 100%.

Once the user closes the data entry window, the Forest Floor Fuel section becomes populated.



Forest Floor Fuel:			
Litter Type	Depth	% Covered	
Evergreen Hardwood	2 "	73%	 
Long Needle Pine	3 "	27%	 

If an entry is incorrect, click on the 'trash can' icon to delete the line.

When creating a new Broadcast or Underburn registration, the below message automatically appears. If using the Forest Floor Fuel data fields, all entries are required to total 100% Covered.

Forest Floor Fuels Coverage not 100%

Once the user enters appropriate Litter Types and the combined percentages equal 100, this message disappears.

ROTTEN FUEL TONS PER ACRE

This section tracks the dead fuel on the unit to broadcast burn. Similar to Fuel Tons per Acre, the Rotten Fuel Tons per Acre has separate groupings for the tonnage per acre, per size class.

Rotten Fuel Tons per Acre:	
3-9 Inches	<input type="text" value="0-99999"/>
9-20 Inches	<input type="text" value="0-99999"/>
20+ Inches	<input type="text" value="0-99999"/>

ROTTEN STUMPS

This section reflects the rotten stumps in the Unit to broadcast burn.

Rotten Stumps:	
Diameter	<input type="text" value="0-999"/>
Height	<input type="text" value="0-999"/>
Density	<input type="text" value="0-999"/>

DIAMETER

Enter the average diameter, in inches, of the stumps on the Unit to burn. Valid values are 0 – 999.

HEIGHT

This reflects the average height of the stumps, in feet. Valid values are 0 – 999.

DENSITY

Enter a value of 0 – 999 to reflect the average number of stumps per acre.

LIVE FUELS

This section reflects times when a Broadcast burn includes live shrubs.

Live Fuels:	
Shrub Type	<input type="text" value="v"/>
Shrub % Covered	<input type="text" value="0-100"/>
Shrub Height	<input type="text" value="0-999"/>
Tons per Acre	<input type="text" value="0-999"/>

SHRUB TYPE

Use the drop down menu to select the type of shrub:

Shrub Type
B Broadleaf
E Evergreen
S Sage

SHRUB % COVERED

Enter the percentage of the Unit the Shrub type covers. Valid values are 0 – 100.

SHRUB HEIGHT

Enter the average height of the shrub in tenths of feet. Valid values are 0 – 999.

TONS PER ACRE

Enter the total tonnage per acre of the selected Shrub Type. Valid values are 0 – 999.

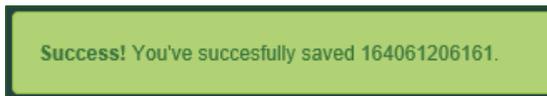
COMMENTS

A new comment section to the SDS Application allows the users to enter registration specific information that is not already accounted for elsewhere on the screen.

Comments:	
Entry Date	Comments

SAVING THE NEW REGISTRATION

Once the user enters all necessary data, the Save button at the top of the screen is available. After clicking on the Save button, a temporary message will appear at the top of the window notifying the user the registration saved successfully:

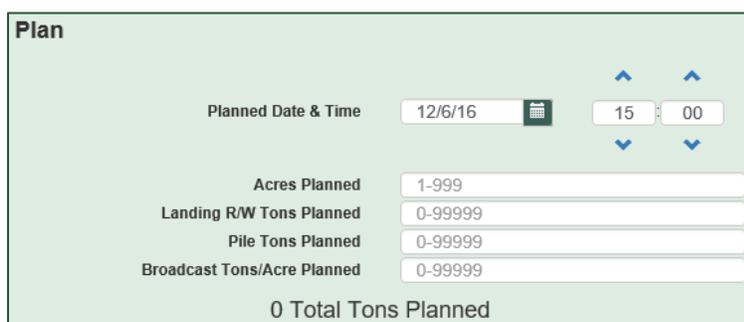


If the Save button is not available, see [Chapter 5.5](#) for help on troubleshooting errors.

5.3 PLANS SECTION

Once a landowner has decided a day and time to burn the registered unit, they submit the Part 2 form or contacts their District ODF office with the necessary information, which the data entry user enters into the Smoke Data System. The Plan section includes data entry for not only the Plans, but Accomplishments as well for the Part 3 form. This section discusses just the Plans.

5.3.1 ENTERING PLANNED BURNS

A screenshot of a mobile application form titled "Plan". The form has a light green background and contains the following fields: "Planned Date & Time" with a date picker showing "12/6/16" and a calendar icon; "Acres Planned" with a text input field containing "1-999"; "Landing R/W Tons Planned" with a text input field containing "0-99999"; "Pile Tons Planned" with a text input field containing "0-99999"; and "Broadcast Tons/Acre Planned" with a text input field containing "0-99999". To the right of the date field are two vertical spinners for hours and minutes, showing "15" and "00" respectively. At the bottom of the form, it says "0 Total Tons Planned".

Below are data fields included in the Plan information. In the Plans section (scroll down if necessary), click on the  on the far right to open the Plans window. If necessary, this window is movable in order to see the registration information.

PLANNED DATE

Using the date picker, select the date the landowner plans to initiate the burn.

PLANNED IGNITION TIME

Next to the Planned Date are two fields for the hour and minutes the landowner plans to ignite the burn. Enter the numbers by tabbing to the field, or use the up and down arrows on the screen to select the correct hour and minute.

ACRES PLANNED

Enter the number of Unit Acres the landowner is planning on burning. This value cannot be greater than the Unit Acres in the Registration section.

LANDING OR RW TONS PLANNED

Enter the number of tons expected to burn, but only if there is a value in the 'Landing or RW Acres' field in the Registration.

PILE TONS PLANNED

Enter the number of tons expected to burn, but only if there is a value in the 'Pile Acres' field in the Registration.

BROADCAST TONS PER ACRE PLANNED

Enter the number of tons per acre for any Broadcast burns planned.

After entering all the necessary data, click on the **Add** button at the bottom of the window to add the Plan to the Registration. If necessary, add another Plan to the same registration by clicking on the . The main data entry window updates to show a summary of the Plan entered:

Plans		
Planned Date & Time	Planned Acres	Planned Total Tons
12/7/16 11:00 AM	100	3,584

In order to save the entered Plans to the registration, click on the **Save** button at the top of the Registration section to save all changes and additions.

5.3.2 ENTERING ACCOMPLISHED BURNS

Similar to entering a Planned Burn, once the users receive the Part 3 form or information from the Landowner, the user enters the information into the Results section under Plans.

Result	
Actual Burn Date & Time	MM/DD/YY  HH : MM  
Acres Burned	0-999
Landing R/W Tons Burned	0-99999
Pile Tons Burned	0-99999
Broadcast Tons/Acre Burned	0-99999
0 Total Broadcast Tons	
0 Total Tons Burned	
Ignition Duration	0-9999
Achieved Rapid Ignition	<input type="checkbox"/>
Shrub Consumption	0-100
Duff Fuel Moisture	<input type="text"/> 
Fuel Moisture 10 Hr %	0-100
Fuel Moisture 1000 Hr %	0-100
Fuel Moisture 1000 Hr Code	<input type="text"/> 
Days Since Significant Rain	0-99999
Wind Speed	0-999

Below are data fields included in the Results (Accomplishments) information. In the Plans section (scroll down if necessary), click on the  on the far right to open the Plans window. If necessary, this window is movable in order to see the registration information.

In the Plans section (scroll down if necessary), locate the previously entered Plan. Click on the edit  icon. The Plans window opens, allowing the user to enter the Accomplishment for that specific plan. The user then enters the following data as necessary:

ACTUAL BURN DATE

Using the date picker, select the date the landowner accomplished the burn.

ACTUAL IGNITION TIME

Next to the Actual Burn Date are two fields for the hour and minutes the landowner ignited the burn. Enter the numbers by tabbing to the field and entering the proper values, or use the up and down arrows on the screen to select the correct hour and minute.

ACRES BURNED

Enter the number of Unit Acres the landowner burned. This value cannot be greater than the Unit Acres in the Registration section.

*Enter the following data fields only if the Accomplishment is **Broadcast Activity, Broadcast Natural, Underburn Activity, or Underburn Natural.***

IGNITION DURATION

Enter the duration of the ignition in minutes.

ACHIEVED RAPID IGNITION

Check the box if the burn achieved rapid ignition.

SHRUB CONSUMPTION

Enter the percentage of shrubs consumed, without the '%'; valid values are 0-100

DUFF FUEL MOISTURE

Select from the drop down one of the following options:

Duff Fuel Moisture	<input type="text" value="Dry 30%"/>
	Normal 70%
	Moist 120%

FUEL MOISTURE 10 Hr %

Enter a value between 0 and 100 to represent the percentage of fuel moisture over a 10-hour period.

FUEL MOISTURE 1000 Hr %

Enter a value between 0 and 100 to represent the percentage of fuel moisture over a 1000-hour period.

FUEL MOISTURE 1000 Hr CODE

Using the drop down, select the method used to determine the 1000 Hr Fuel Moisture percentage.

Fuel Moisture 1000 Hr Code	<input type="text" value="NFDR-th"/>
	Adj-thj
	Weighed

DAYS SINCE SIGNIFICANT RAIN

West of the Cascades: Enter the number of days since 0.5 inches of rain have fallen within a 48-hour period.

East of the Cascades: Enter the number of days since 0.25 inches of rain have fallen within a 48-hour period.

WIND SPEED

Enter the approximate wind speed in MPH

After entering all the necessary fields, click on the **Close** button to close the plan and result.

The Plans section updates to show a summary of the Accomplishment entered:

Planned Date & Time	Planned Acres	Planned Total Tons	Actual Date & Time	Burned Acres	Burned Total Tons
12/7/16 11:00 AM	100	3,584	12/7/16 10:00 AM	100	3,584

Click on the **Save** button in the upper right of the data entry window to save all changes and/or additions to the Registration.

5.4 MODIFY A REGISTRATION RECORD

Previously, users that made mistakes while entering a new registration had to contact the Salem office to have the registration modified or deleted. While users still must contact an Admin user to delete a record, with the SDS application the user is able to edit the registration. See [Chapter 3.1.1](#) for the process to search for and select a registration to edit. Once selected, the Registration is visible and ready for editing:

Registration
Save
Cancel

*are required fields

Unit Identification

*Date Registered:

*Registration Number:

*District ID:

*Ownership Code:

*Sale name:

Unit Information

*Township:

*Range:

*Section:

*Latitude:

*Longitude:

*County:

*Distance to SSRA:

*Unit Acres:

Cutting Date:

*Elevation:

*Slope:

*Burn Type:

*Burn Reason:

Treatment Summary

Operator Name:

*Fuel Species:

Landing R/W Acres:

*Landing R/W Tons:

Pile Acres:

*Pile Tons:

Broadcast Acres:

*Duff Depth:

Fuel Tons per Acre:

0 - 1/4 Inches	<input type="text" value="1"/>
1/4 - 1 Inches	<input type="text" value="2"/>
1 - 3 Inches	<input type="text" value="3"/>
3 - 9 Inches	<input type="text" value="4"/>
9 - 20 Inches	<input type="text" value="5"/>
20+ Inches	<input type="text" value="6"/>

Forest Floor Fuel:

Litter Type	Depth	% Covered
Short Needle Pine	5"	100%

Rotten Fuel Tons per Acre:

3-9 Inches	<input type="text" value="1"/>
9-20 Inches	<input type="text" value="2"/>
20+ Inches	<input type="text" value="3"/>

Rotten Stumps:

Diameter	<input type="text" value="4"/>
Height	<input type="text" value="5"/>
Density	<input type="text" value="6"/>

Live Fuels:

Shrub Type:

Shrub % Covered:

Shrub Height:

Tons per Acre:

Comments:

Entry Date:

Comments:

Save
Cancel

NOTE: The Registration Number is not available for editing. If there was a mistake in entering the number, contact an administrator to have the record deleted. Once that is complete, enter a new registration with the correct number.

Keep in mind that any changes to District, Unit Acres, Landing/RW Acres, Pile Acres, or Broadcast Acres may affect any invoices already generated.

When finished, click on the Save button to save all changes.

5.5 TROUBLESHOOTING ERRORS

See below for common issues and possible resolutions.

5.5.1 UNABLE TO SAVE REGISTRATION

After entering the information of the registration, the Save button should be available. If the button is not accessible, see the below checklist of items to review:

- Check all fields that have an asterisk (*) next to the field name to verify data is entered
- Verify all data fields contain properly formatted values (e.g. dates, lat/long, etc.)
- Make sure the data is within the validation range for that field (e.g., value must be between 0-999)

This should resolve any issues and allow the Save button to be used. If the button is still not available, please take a screenshot (Alt + PrtScn) of the entire Registration window and paste the screenshot into a Word document (Ctrl + V) or save as a .jpg file. Then, open a Help Desk ticket with Tech Support. Once opened, the ticket routes to the correct person to assist in correcting the situation.

5.5.2 “RED BOX” ERRORS

There are times while saving a record a red box appears at the top of the window with an error message. If this happens:

- Take a screenshot of the message using Alt + PrtScn – The message is only temporary. If you are unable to take the screenshot when the message first appears, then click on the Save button again - the message will reappear.
- Paste it into a Microsoft Word document (Ctrl + V)
- Take a screenshot of all the data entry fields of the Registration window (Alt + PrtScn)
- Paste the screenshot (Ctrl + V) into the same Word document with the error text
- Save the Word document
- Open a new Help Desk Ticket with Tech Support and add the saved error document as an attachment to the ticket. This will help the Support staff to determine the cause of the error.



Chapter 6

REPORTS

6. REPORTS

The Reports section of SDS is a 'one stop shop' for all reports. This chapter reviews all areas of reports, including invoice printing.

6.1 OLD VS NEW REPORT NAMES

The names of the reports have changed slightly. Below is a chart of the previous report name with the name of the new report name.

Previous Report Name	New Report Name
Unit Reports:	
Registered Units By District	Registered Units
Planned Units By District	Planned Units
Planned Units by District (Lat/Long)	Planned Units (Lat/Long)
Accomplished Units By District	Accomplished Units
Accomplished Units By Date	Accomplished Units by Date
Accomplishment Summary Reports:	
Accomplished Summary By County	Summary by County
Accomplished Summary By District By Month	Summary by Month
Accomplished Summary By County By District	Summary by County
Accomplished Summary By Burn Type By District	Summary by Burn Type
Accomplished Summary By Burn Type By County	Summary by Burn Type
Accomplished Summary By Owner By District	Summary by Ownership by District
Accomplished Summary By District	Summary by District
Accomplished Summary By District By County	Summary by County

6.2 REPORTS MENU

The main report window will list all available reports, based on the user's permissions. The reports, grouped by **Unit Reports**, **Summary Reports** (of Accomplishments), and **Invoice Reports**, are available for viewing, printing, or exporting (Excel, PDF, etc.). The invoices and invoice reports are only available to users with the proper permissions.

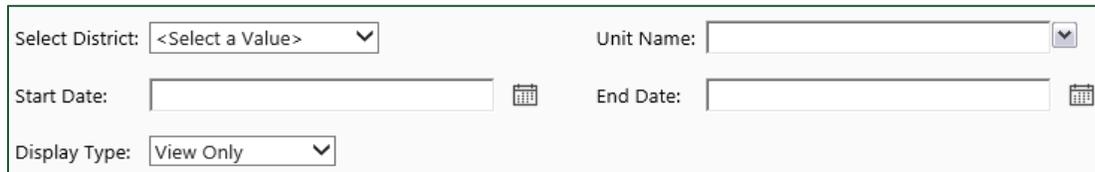
Below is an example of what a regular Smoke User would see:



6.3 REPORT CRITERIA

Each report has specific criteria the user enters to generate the desired information. The criteria (called parameters in the SDS application) available for selection in SDS is similar to the previous options. A new feature with the SDS application is the Display Type option. Defaulting to **View Only** mode, the report has background colors and formatting specific for viewing on the screen. The other option, **Print Friendly**, removes the coloring and formats the report to print in a 'black and white' option to save printer ink/toner.

Below is a view of the parameters for the Registered Units report. Most reports have the same parameters.

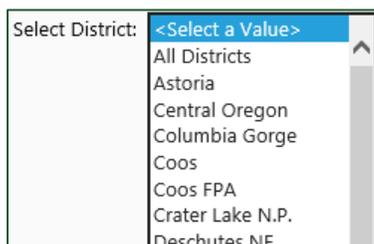


The screenshot shows a form with the following fields: 'Select District' with a dropdown menu showing '<Select a Value>', 'Unit Name' with a dropdown menu, 'Start Date' with a text input field and a calendar icon, 'End Date' with a text input field and a calendar icon, and 'Display Type' with a dropdown menu showing 'View Only'.

Some reports have parameters that are specific to that report. For example, the **Summary by Group** report has an option for the user to select how to group the output. See [Chapter 6.4](#) for more information on the Summary by Group report.

The following are the basic steps to selecting the printing criteria. Some parameters differ depending on the report:

1. Select the desired report by clicking on the report title on the Reports screen (see [Chapter 6.1](#))
2. Select the appropriate District value using the drop down option. There is also an 'All Districts' option. In order to enter the remaining parameters, the District is required.



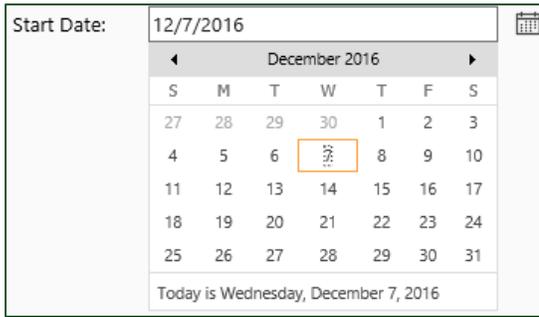
The screenshot shows the 'Select District' dropdown menu open, displaying a list of districts: '<Select a Value>', 'All Districts', 'Astoria', 'Central Oregon', 'Columbia Gorge', 'Coos', 'Coos FPA', 'Crater Lake N.P.', and 'Deschutes NE'.

3. Next, select the desired Units (Ranger Stations) for the report. All Units in the District are selected by default.



The screenshot shows the 'Unit Name' dropdown menu open, displaying a list of units with checkboxes: 'Applegate-Ashland, Astoria, Baker, Bak', '(Select All)', 'Applegate-Ashland', 'Astoria', 'Baker', 'Baker', and 'Barlow'.

4. The Start and End Dates default to the current date, but are modifiable. Type over the date or use the Date Picker to select a new date.



5. The **Display Type** defaults to View Only. As mentioned previously, change to **Print Friendly** to remove the coloring and format the report to print in a 'black and white' option to save printer ink/toner.

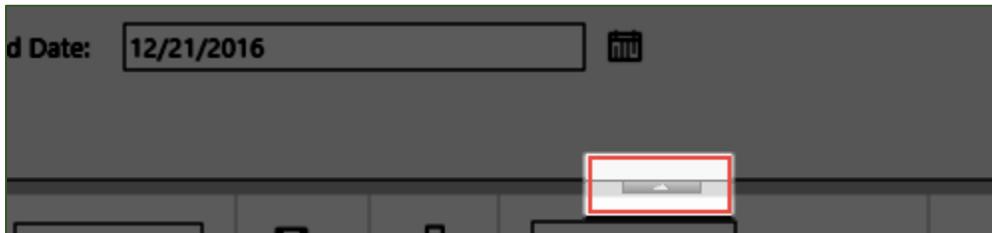


6. Click on the View Report button located on the far right portion of the parameters section:



6.4 VIEWING REPORTS

After entering the desired parameters from [Chapter 6.2](#), the report opens in a display mode. In order to see more of the report on the screen without scrolling, click on the 'up arrow' button to hide the parameter section:



6.4.1 ACTION TOOLBAR

Some reports generate multiple pages or require a different zoom rate. To modify these features and use others the Action Toolbar, located at the top of the report, will assist the user.



Features of the toolbar are:

- Page navigation
- Refresh
- Return to Parent Report
- Increase/Decrease Zoom
- Save file as (Export)
- Print
- Search for Text in the report

6.4.2 MULTIPLE SUMMARIES IN ONE REPORT

Using the **Accomplished Units Summary** as an example, the following pages show how to see multiple summaries in one screen (keep in mind, not all reports have this option).

NOTE: We are aware of the difficulty reading the header due to the dark font and dark header color. We are working to resolve the issue.

The initial view is **SUMMARY BY COUNTY BY MONTH**:

Accomplished Units Summary		Smoke Data System				
Summary for 12/1/2015 - 12/1/2016						
District: North Cascade		Unit(s): Molalla, Molalla-LEGACY, Santiam (Linn), Santiam (Marion), Santiam-LEGACY				
County	District Name	Ignition Date & Time	Acres Burned	Tons Burned	Units Burned	Ignitions
Clackamas	North Cascade	2015				
		<input type="checkbox"/> December Total:	426	2046	13	13
		2015 Total:	426	2046	13	13
		North Cascade District Total:	426	2046	13	13
		Clackamas County Total:	426	2046	13	13
Linn	North Cascade	2015				
		<input type="checkbox"/> December Total:	47	353	3	3
		2015 Total:	47	353	3	3
		North Cascade District Total:	47	353	3	3
		Linn County Total:	47	353	3	3
Marion	North Cascade	2016				
		<input type="checkbox"/> October Total:	50	1700	1	1
		<input type="checkbox"/> November Total:	10	100	1	1
		2016 Total:	60	1800	2	2
		Marion County Total:	60	1800	2	2
Polk	North Cascade	2016				
		<input type="checkbox"/> October Total:	48	1432	1	1
		2016 Total:	48	1432	1	1
		North Cascade District Total:	48	1432	1	1
		Polk County Total:	48	1432	1	1

Notice the next to the month.

Clackamas County Total:
2015
<input type="checkbox"/> December Total:
2015 Total:
North Cascade District Total:
Linn County Total:
2016
<input type="checkbox"/> October Total:

Click on the + to see the **DAILY SUMMARY** for each County:

County	District Name	Clackamas County Total:	426	2046	13	13
Linn	North Cascade	2015				
		12/2/2015 9:00 AM	5	109	1	1
		12/3/2015 3:00 PM	40	174	1	1
		12/5/2015 9:00 AM	2	70	1	1
		<input type="checkbox"/> December Total:	47	353	3	3
		2015 Total:	47	353	3	3
		North Cascade District Total:	47	353	3	3
		Linn County Total:	47	353	3	3
Marion	North Cascade	2016				

6.5 SUMMARY BY GROUP REPORT

The Summary by Group Report is new to the SDS application and provides the users a way to create a more customizable report. After entering the same parameters as most other reports, the final parameter is to select which option to group the data by in the report.

Group By:	<Select a Value>
	District Name
	Burn Reason
	Fuel Species
	Ownership
	Burn Type
	Live Fuel Type
	County

As an example, the below report is the Summary by Group – Ownership report for all districts:

<u>Accomplished Summary by Ownership</u>		 Smoke Data System		
Summary for 12/8/2015 - 12/8/2016				
District: All Districts		Unit(s): All Districts		
Ownership	Total Acres Burned	Total Tons Burned	Units Burned	Ignitions
Federal (Region 6, not USFS)	500	2500	333	333
Private	1	6	546	549
State, County, Municipal	10	80	134	134
USFS	100	800	1014	1016
Total:	48399	301470	418	596

Below is a sample of the Summary by Group – Burn Reason report:

<u>Accomplished Summary by Burn Reason</u>		 Smoke Data System		
Summary for 12/8/2015 - 12/8/2016				
District: All Districts		Unit(s): All Districts		
Burn Reason	Total Acres Burned	Total Tons Burned	Units Burned	Ignitions
Forest Health	2	72	250	251
Forest Health Maintenance	100	800	139	139
Hazard and Silviculture	10	80	424	426
Hazard Reduction	160	250	580	580
Level 2 Regulation, Fee Exempt	118	590	53	53
Silviculture	1	6	496	498
Wildlife Habitat	500	2500	85	85
Total:	48399	301470	418	596

6.6 PRINTING REPORTS

Using the report from [Chapter 6.3](#), once the desired view of data appears, change the **Display Type** drop down to *Print Friendly* and click on **View Report**.

The same report shows, but now is 'black and white' to reduce the toner/ink a printer uses when printing.

Accomplished Units Summary

Summary for 12/21/2015 - 12/21/2016



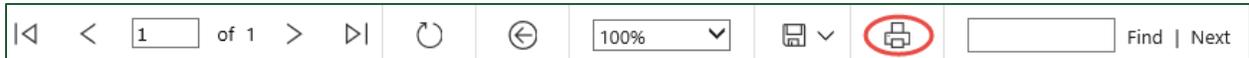
Smoke Data System

District: Coos FPA

Unit(s): Bridge, Coos Bay, Gold Beach

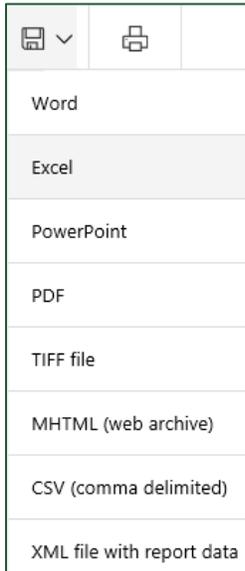
County	District Name	Ignition Date & Time	Acres Burned	Tons Burned	Units Burned	Ignitions		
Coos	Coos FPA	2016						
		☒January Total:	86	522	15	15		
		☒February Total:	143	3384	16	16		
		☒March Total:	32	333	6	6		
		☒April Total:	178	3229	27	27		
		2016 Total:	439	7468	64	64		
		Coos FPA District Total:	439	7468	64	64		
		Coos County Total:	439	7468	64	64		
		Curry	Coos FPA	2015				
				☒December Total:	1	25	4	4
2015 Total:	1			25	4	4		
2016								
☒January Total:	105			827	8	8		
☒February Total:	247			4276	39	39		
☒March Total:	34			1224	54	54		
☒April Total:	66			2414	47	47		
2016 Total:	452			8741	148	148		
Coos FPA District Total:	453			8766	152	152		
Curry County Total:	453			8766	152	152		
Douglas	Coos FPA			2016				
				☒January Total:	10	80	1	1
		☒March Total:	60	60	1	1		
		☒April Total:	52	1040	2	2		
		☒July Total:	50	150	4	4		
		2016 Total:	172	1330	8	8		

To print the report, click on the printer icon in the action toolbar above the report:



6.7 EXPORTING REPORTS

Similar to printing reports, the user can export reports as well. Complete this by clicking on the 'diskette' (save) icon in the action toolbar.



Simply click on the type of file to export the data. Using the previous report as an example, an Excel format of the same report would appear as:

County	District Name	Ignition Date & Time	Acres Burned	Tons Burned	Units Burned	Ignitions		
Coos	Coos FPA	2016						
		January Total:	86	522	15	15		
		February Total:	143	3384	16	16		
		March Total:	32	333	6	6		
		April Total:	178	3229	27	27		
		2016 Total:	439	7468	64	64		
		Coos FPA District Total:	439	7468	64	64		
		Coos County Total:	439	7468	64	64		
		Curry	Coos FPA	2015				
				December Total:	1	25	4	4
2015 Total:	1			25	4	4		
2016								
January Total:	105			827	8	8		
February Total:	247			4276	39	39		
March Total:	34			1224	54	54		
April Total:	66			2414	47	47		
2016 Total:	452			8741	148	148		
Curry County Total:	453			8766	152	152		
Douglas	Coos FPA	2016						
		January Total:	10	80	1	1		
		March Total:	60	60	1	1		
		April Total:	52	1040	2	2		
		July Total:	50	150	4	4		
		2016 Total:	172	1330	8	8		
Coos FPA District Total:	172	1330	8	8				

Notice the + on the left. This allows you to expand the data to see daily totals once the report is in Excel.

Chapter 7

ADMIN USERS

7. ADMIN USERS

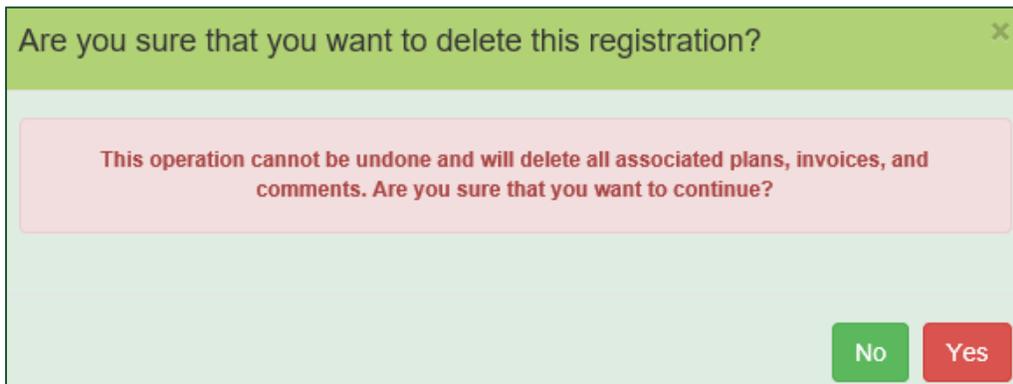
7.1 DELETING REGISTRATIONS

There are times when a user enters an incorrect Registration number. Since this field is not editable, the solution is to have an Admin User delete the entire incorrect record. The Admin's home page search results include a delete button next to each record:

Date Registered	Registration Number	Vendor ID	Owner Name	Business Name	District	County	Sale Name	Township	Range	Section	
12/7/16	123123123123	06291110-001		EUGENE D GRIESER	011	Benton	123	10S	10W	22	 
12/2/16	164061202161	06296575-000		TILLAMOOK LOG COMPANY	511	Tillamook	billtest	3N	11W	2	 
12/2/16	164061202162	06298055-000		LARRY E. ALBERTSON	740	Harney	retest	17S	22E	36	 
12/6/16	164061206161	06296526-000		TREES R US LOG & CONST	781	Lane	Manual	2S	9W	36	 
12/7/16	164061207161	00000-000			552	Lincoln	test	10S	10W	12	 
12/7/16	165521000002	00000-000			552	Lincoln	big log	10S	10W	23	 

The user contacts the Admin user providing the incorrect registration number, Date of Registration, District ID, and any other useful information to insure the Admin finds the correct record to delete.

Once selected, a message appears warning the user that this action is irreversible:



Once deleted, the user may enter the correct Registration information.

7.2 MODIFYING DROP DOWN OPTIONS

Another feature for Admin users is the 'wrench' icon on the navigation bar. This option takes the user to a page where modifications to certain areas of the application happen. Most of these are options that appear in drop down selections:

(See next page)

Districts			
Id	District Name	Unit Name	Exempt Eligible
011	Deschutes NF	Bend-Fort Rock	No
012	Deschutes NF	Crescent	No
013	Deschutes NF	Fort Rock-LEGACY	No
015	Deschutes NF	Sisters	No
021	Fremont NF	Bly	No
022	Fremont NF	Lakeview	No
023	Fremont NF	Paisley	No
024	Fremont NF	Silver Lake	No

Owershhip Codes	
Code	Ownership
F	Federal (Region 6, not USFS)
O	Other Federal
P	Private
S	State, County, Municipal
U	USFS

Burn Reasons	
Code	Reason
B	Hazard and Silviculture
E	Level 2 Regulation, Fee Exempt
F	Forest Health
H	Hazard Reduction
M	Forest Health Maintenance
R	Other
S	Silviculture
W	Wildlife Habitat

Fuel Species	
Code	Species
B	Brush
D	Douglas Fir Hemlock Cedar
G	Grass
H	Hardwood
J	Juniper
L	Lodgepole Pine
M	Mixed Conifer
P	Ponderosa Pine

Litter Types	
Types	
Short Needle Pine	
Long Needle Pine	
Other Conifer	
Deciduous Hardwood	
Evergreen Hardwood	
Grass	

Live Fuels	
Code	Type
B	Broadleaf
E	Evergreen
S	Sage

Agreement Number	
Business Entity	Code
BLM	L16PD00237
NF	AG-046W-P-14-0017
Private	None

Burn Fees	
-----------	--

An important area to note is the **Burn Fees** section.

Changing information in this section will modify ALL records currently stored in the application!!

It is critical that **only** top Smoke Management personnel make changes in this section.

Burn Fees	
Unit Acres Rate	\$0.50 /Acre
Type 1 Minimum Registration	\$15.00
Type 1 Minimum Burn	\$15.00
Type 2 Minimum Registration	\$5.00
Type 2 Minimum Burn	\$25.00
Landing/Pile & Broadcast	\$2.60 /Acre
Broadcast Only	\$3.10 /Acre

When editing this section, a message appears at the top informing the user:

Changing these values will automatically adjust ALL RATES--These values may differ from what is seen in past Invoices

8. APPENDIX A – DATA ENTRY QUICK REFERENCE GUIDE

The following two pages show a quick reference guide that users can print and hang near their computer for a fast reference to the data fields while entering Smoke data.

(The rest of this page intentionally left blank)

SMOKE QUICK REFERENCE GUIDE

BILLING SECTION

- Click on the **Select Vendor** link
- Click on the **Search For...** drop down and select the **type** of search to perform
- In the box that appears to the right, enter the **search criteria**
- In results section, click on the **check mark** ✓ on the right to select the vendor

REGISTRATION SECTION * = REQUIRED FIELD

UNIT IDENTIFICATION

Date Registered*	Verify the date is correct, change if necessary using date picker or type in
Registration Number*	Previously the FACTS ID; 12 digit Unit Number (NOAP #)
District ID*	District the Registration is in
Ownership Code*	Select type of ownership
Sale Name*	Enter the name of the unit or sale

UNIT INFORMATION

Township*	Format: ##X [X=(N)orth or (S)outh] e.g. 9N, 31.5S, 26S
Range*	Format: ##X [X=(E)ast or (W)est] e.g. 10W, 11.5E, 8W
Section*	Format: ## (1-36)
Latitude*	Format: II.DDDD <i>Decimal Degrees Only</i>
Longitude*	Format: -III.DDDD <i>Decimal Degrees Only; must type the -</i>
County*	County where the unit is located
Distance to SSRA	Distance to Smoke Restriction Area; 0-60 but if >60, enter 60
Unit Acres*	Total Acres of the Unit; 1 – 999
Cutting Date	When 70% of cutting completed; enter as YYYY-MM; leave blank if not applicable
Elevation*	Round to the nearest 100 ft
Slope*	Enter 0 to 200%
Burn Type*	Select the type of burn conducted
Burn Reason*	Select reason for the burn

TREATMENT SUMMARY

Operator Name	Individual or business conducting the burn
Fuel Species*	Select the species of the fuel
Landing-R/W Acres	Number of Unit Acres from which the Landing was created
Landing-R/W Tons*	Tons brought to the Landing from the unit
Pile Acres	Number of Unit Acres that were piled
Pile Tons*	Tons brought to the Pile from the unit
Broadcast Acres	Number of Unit Acres that will be Broadcast burned
Duff Depth	Depth of duff for all forest floor fuels, in tenths of inches
Fuel Tons per Acre	Fuel loading in tons, by size group; see photo series
Forest Floor Fuel	Depth and coverage percent per type of litter
Litter Type	Type of fuel litter on forest floor
Litter Depth	Depth of the litter in tenths of inches
Litter Coverage Percent	Percent of coverage for litter type
Rotten Fuel Tons per Acre	Tons of rotten fuel per acre in the Unit, by size group; see photo series
Rotten Stumps	Rotten stumps in the Unit
Diameter	Average diameter of stumps, in inches
Height	Average height of stumps, in feet
Density	Number of stumps per acre
Live Fuels	Live fuels included in the Unit
Shrub Type	Type of live shrub
Shrub % Covered	Percent of Unit the shrub type covers
Shrub Height	Height of shrug in feet to nearest 10 th
Tons per Acre	Number of shrub tons per acre
Comments	Type in comments regarding the Registration

PLAN SECTION

Click on the plus sign  to the far right of the Plan area to enter a new Plan (or Accomplishment)

*** = Required Field**

Planned Date*	Enter date burn is scheduled; Defaults to current date
Planned Ignition Time*	Time the ignition is planned; type in or use arrows
Acres Planned*	Total acres planned to burn; cannot exceed Unit Acres
Landing-R/W Tons Planned	Landing or R/W tons of planned burn
Pile Tons Planned	Pile tons of planned burn
Broadcast Tons/Acre Planned	Broadcast tons per acre planned to burn

ACCOMPLISHMENT SECTION

Actual Burn Date	Enter actual date of burn or use date picker
Actual Ignition Time	Enter time of ignition or use arrows
Acres Burned	Total acres burned
Landing-R/W Tons Burned	Landing or R/W tons burned
Pile Tons Burned	Piled tons burned
Broadcast Tons/Acre Burned	Tons per acre of Broadcast burned
Total Broadcast Tons Burned	<i>System calculated field</i>
Total Tons Burned	<i>System calculated field</i>
Ignition Duration	If Broadcast/Underburn, enter duration in minutes
Achieved Rapid Ignition	Check if burn achieved rapid ignition
Shrub Consumption	Percentage of burn that consumed Shrubs
Duff Fuel Moisture	Select appropriate percentage
Fuel Moisture 10 Hr %	Percentage of fuel moisture 10hr
Fuel Moisture 1000 Hr %	Percentage of fuel moisture 1000hr
Fuel Moisture 1000 Hr Code	Code of the measurement taken for 1000hr %
Days Since Significant Rain	Number of days since measurable precipitation occurred
Wind Speed	Speed of wind at time of ignition