

These are screen shots from Santa Clara County web-based interactive IPM reporting database. They are intended to give an idea of the capabilities of this system, which is a powerful management tool. It integrates preparation of Pesticide Use Reports with internal pesticide use tracking and approval, and PCA recommendations.

Sacramento County staff are working with Santa Clara County to set up a system demonstration for potential users, hopefully web-based, that can be accessed here in Sacramento by all the Permittees. We are also working on getting access to this software for local agencies that are interested in using this system. It may become a web-based system accessible to all subscribing permittee departments, and their PCO vendors. This access might require purchasing a license from Santa Clara County to reimburse them for their development costs. Alternatively, access may be provided regionally or statewide through a grant funding that is being pursued by Santa Clara County.

According to Naresh Duggal, IPM Coordinator for Santa Clara County,

*The system has capability of generating variety of reports. It is a powerful database with dynamic links (via web internet) to various text files and pesticide and related product label & MSDS databases. It also has built in product use calculator to assist applicators. It can provide Real time analysis of various IPM projects to policy makers, budget managers, project managers, applicators and information to public.*

The County of Santa Clara - Microsoft Internet Explorer

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Address <http://isdegd52:8060/ipm>

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# Integrated Pest Management

PESTICIDE - USE REPORTING DATABASE

"...preventive and corrective measures to keep pest from causing significant problems, with minimum risk or hazard to human and desirable components of their environment."

Username:

Password:

GO [Forgot your password?](#) | [Not registered?](#)

**Quick Links**

- > News Room
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- > Board of Supervisors Meeting Agenda
- > BOS 2004 Calendar Meetings
- > County Executive Office
- > Links to Cities
- > Employment Opportunities
- > County Ordinance Code

**Explore SCCGov**

Safely Surrendered Baby Law Promo

Safely Surrendered Baby Law

<http://isdegd52:8060/site/0,2685,,00.html> Local intranet

**Main Log In Screen**

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Back Forward Stop Home Search Favorites Media Print Refresh

Address http://isdegd52:8060/ipm/user Go Links

### Create New Recommendation Form







Please select the type of recommendation form first:

Restricted Material











Non-Restricted Material

Create New Recommendation Form







### Manage Existing Form(s)

 = Restricted  
  = Edit/View  
  = Copy  
  = Delete  
  = Notes  
  = Add PUR

Display items: 25    << previous | results 1 - 3 of 3 | next >>

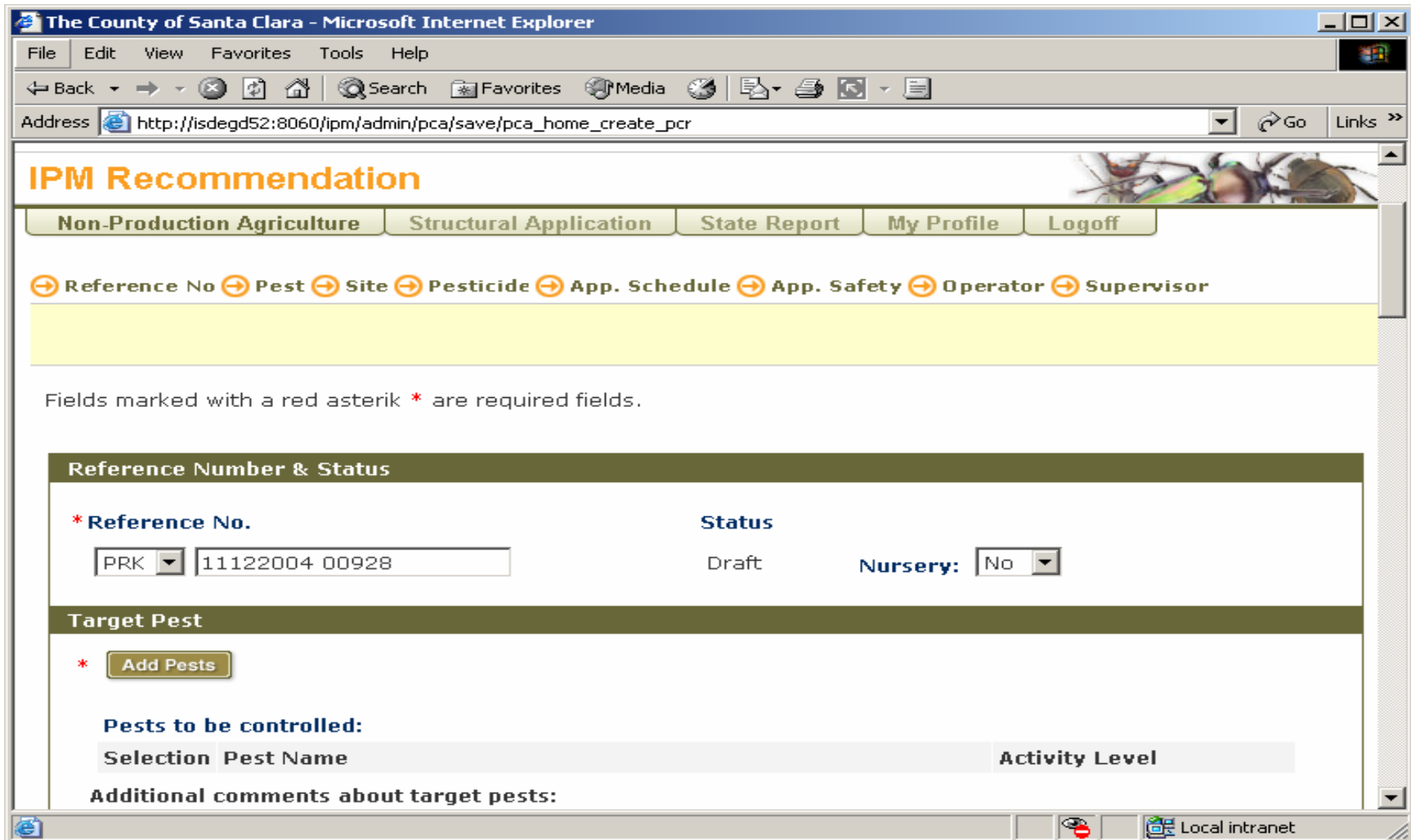
Pest Control Recommendation (PCR)					IPM Pesticide Use Report (PUR)	
Index	Reference No.	Entry Date	Status	Action	Status	Action
1	RDA11102004 00805	11/10/2004 03:45	Draft	  		
2	PRK11092004 00422	11/09/2004 03:56	Draft	  		
3	PRK11032004 98501 	11/03/2004 03:48	Draft	  		

<< previous | results 1 - 3 of 3 | next >>

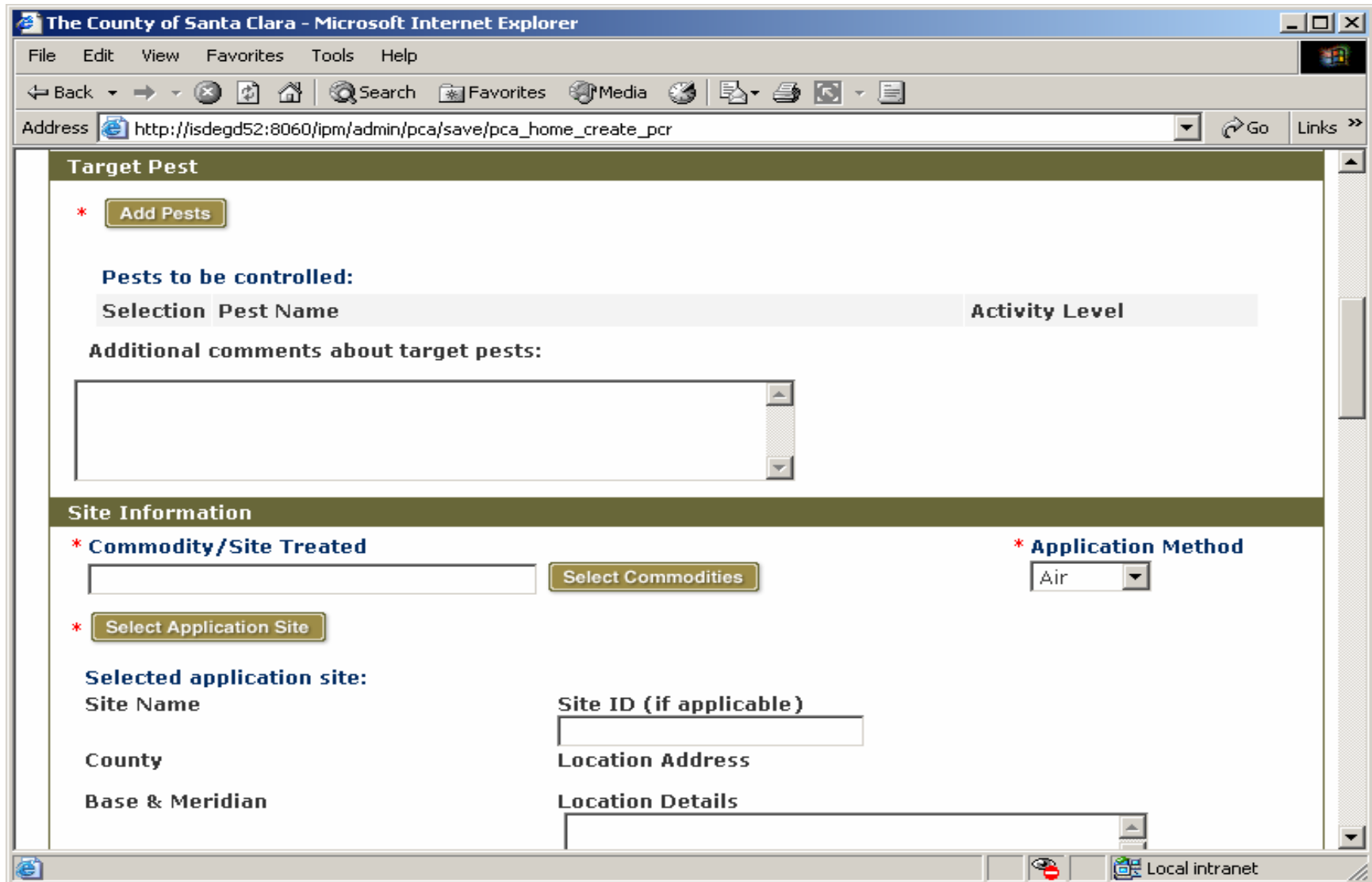
 = Restricted  
  = Edit/View  
  = Copy  
  = Delete  
  = Notes  
  = Add PUR

Done    Local intranet

**Pest Control Advisor Log In to write Pest Control Recommendation (PCR)**



PCR\_Screen Shot\_1



PCR\_Screen Shot\_2

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Back Forward Stop Home Search Favorites Media Print

Address http://isdegd52:8060/ipm/admin/pca/save/pca\_home\_create\_pcr Go Links >>

### Site Information

\* Commodity/Site Treated

\* Application Method

\*

**Selected application site:**

Site Name  Site ID (if applicable)

County  Location Address

Base & Meridian  Location Details

Sec  Town  Range  Row  Band

### Material Information

\* Pesticide to be used?  If no, please select a pesticide alternative:

USER INPUT	Calculate	RESULTS
<p><b>Proposed Treated Area:</b></p> <p>* <input type="text" value="0.0"/> (acres)</p> <p><b>Dilution (Spray Volume)</b></p>	<input type="button" value="Calculate"/>	<p><b>Total Dilution (Spray Volume):</b></p> <p><input type="text" value="0.0"/> (gallons)</p>

Local intranet

PCR\_Screen Shot\_3

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Back Forward Stop Home Search Favorites Media Print Refresh

Address [http://isdegd52:8060/ipm/admin/pca/save/pca\\_home\\_create\\_pcr](http://isdegd52:8060/ipm/admin/pca/save/pca_home_create_pcr) Go Links >>

### Material Information

\* Pesticide to be used?  If no, please select a pesticide alternative:

USER INPUT		RESULTS
<p><b>Proposed Treated Area:</b></p> <p>* <input type="text" value="0.0"/> (acres)</p> <p><b>Dilution (Spray Volume Required):</b></p> <input type="text" value="0.0"/> (gallons) <p><b>Tank Size</b></p> <input type="text" value="0.0"/> (gallons)	<p>Calculate</p> 	<p><b>Total Dilution (Spray Volume):</b></p> <input type="text" value="0.0"/> (gallons) <p><b>Tank Loads:</b></p> <input type="text" value="0.0"/>
		<p><b>No. of Acres/Tank:</b></p> <input type="text" value="0.0"/> (acres/tank)

\*

SELECTED PESTICIDE(s):

There are no pesticide(s) selected.

[Pesticide Label/MSDS Review](#)  
[Unit Conversion Calculator](#)

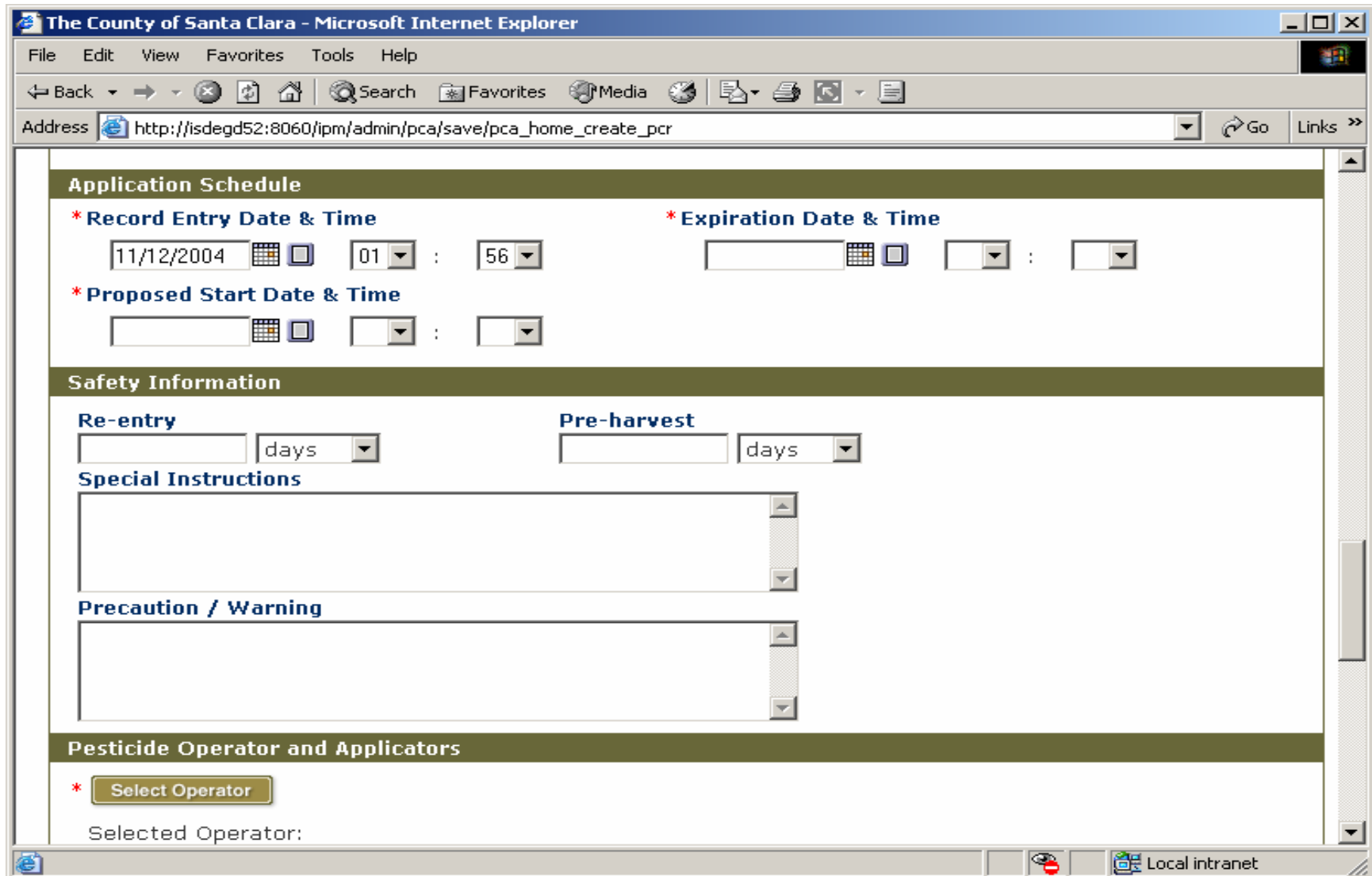
### Application Schedule

\* Record Entry Date & Time

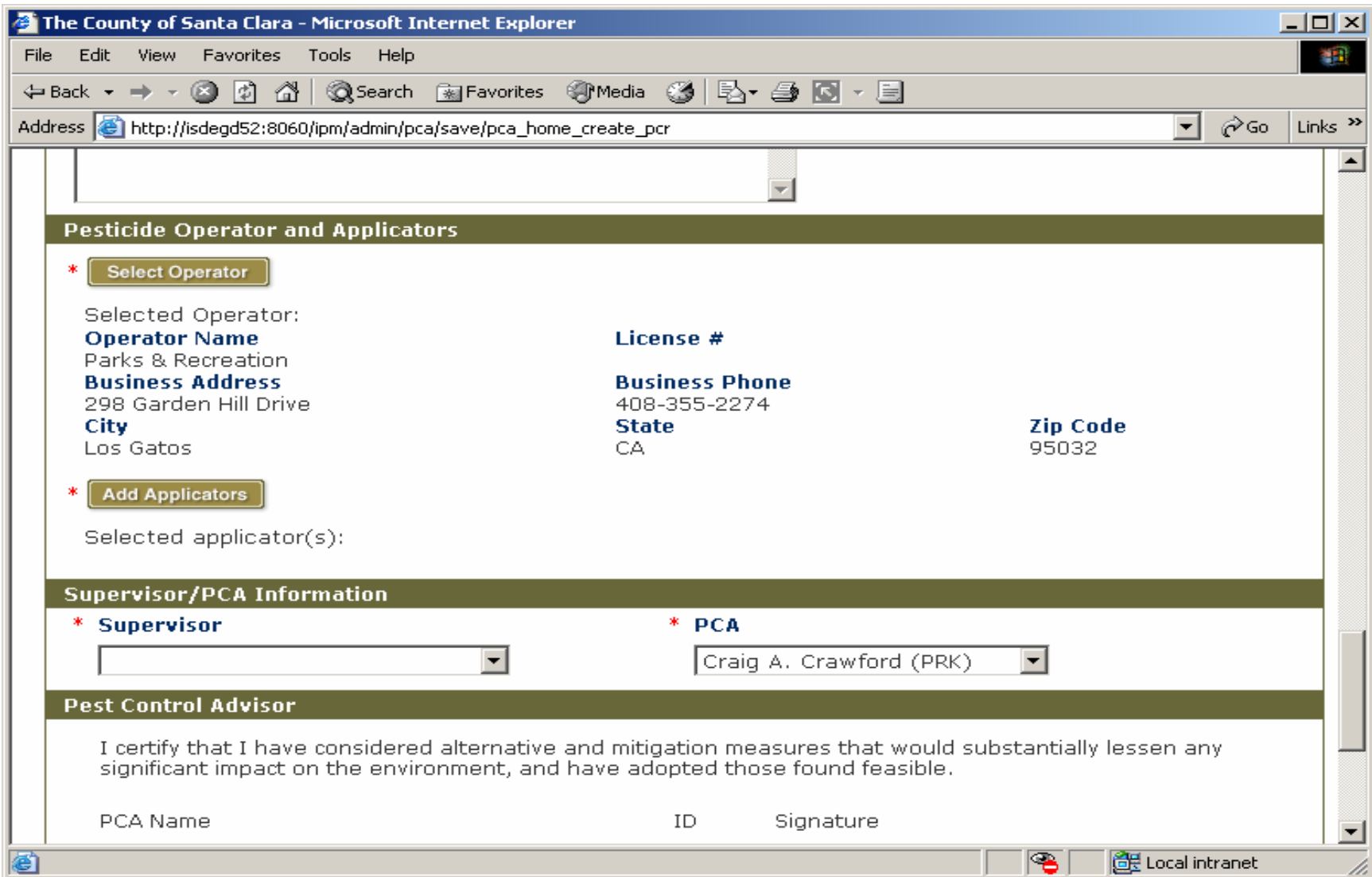
\* Expiration Date & Time

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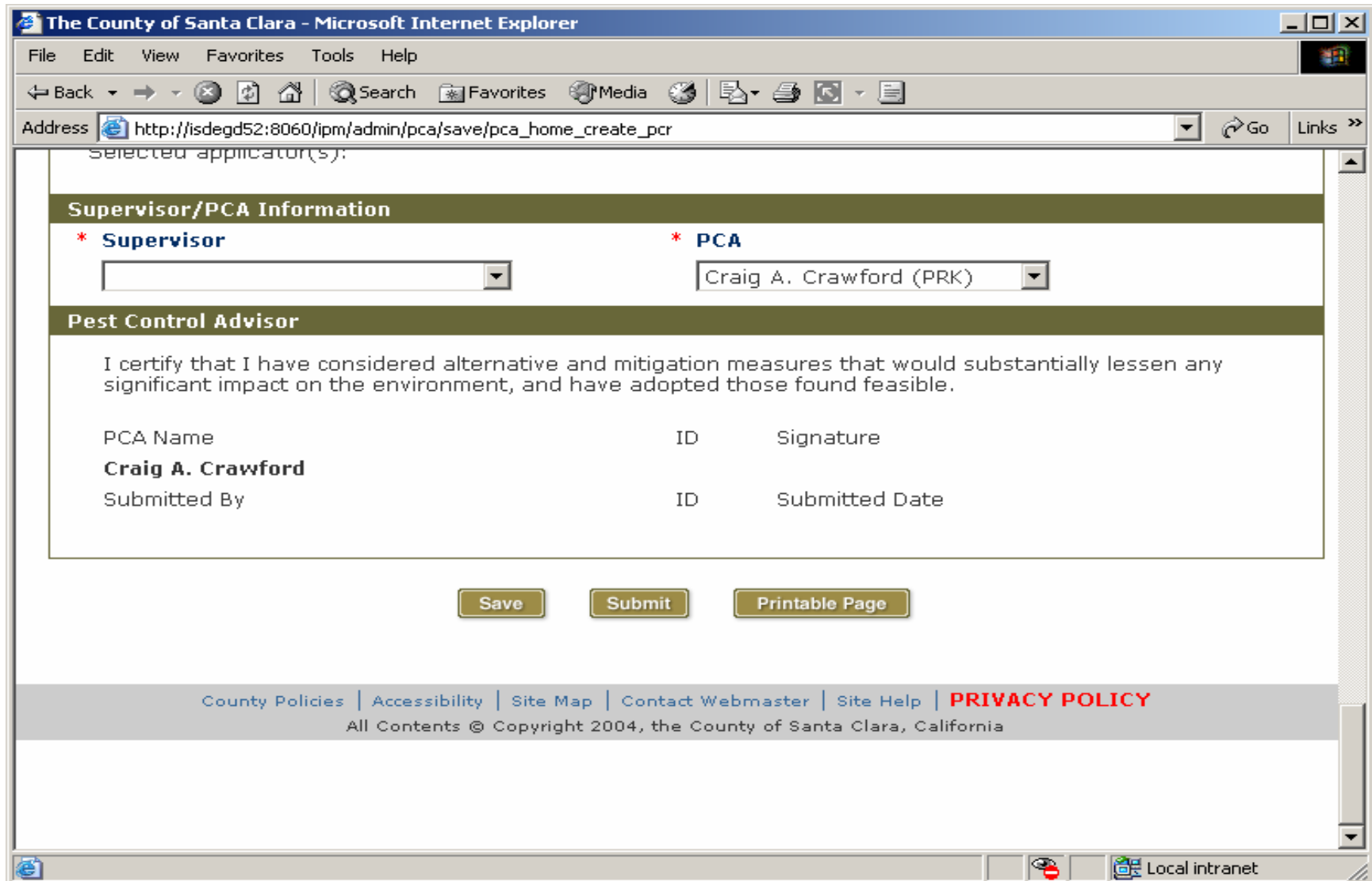
PCR\_Screen Shot\_4



PCR\_Screen Shot\_5



**PCR\_Screen Shot\_6**



PCR\_Screen Shot\_7

PCR\_Screen 1-7 is part of continuous progression of prompts. It takes approx. 2-3 minutes to complete on PCR (once the initial data is populated) compared to hand written instructions that takes approx. 15-30 minutes.

Once a PCR is written it generates the work order for the Pest Management professional, who gets the e mail notification. They proceed with the work and once the work is completed, they log in at the web database to finish the completion report (IPM\_PUR)

I have not included IPM\_PUR Screen Shots. However, it is the replica of the PCR with added fields.

Once the IPM\_PUR is completed it is then available for review to the Pest Control Advisor, IPM Coordinator and Public. Multiple IPM\_PUR (one or many) are capable of generating Business Reports such as Monthly Pesticide Use Report (DPR), Cost Analysis Reports, Quarterly Pesticide and IPM Activity Reports as well as various analytical reports for County Departments, Executive Management & Board of Supervisors.

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Back Forward Stop Home Search Favorites Media Print Refresh

Address [http://isdegd52:8060/ipm/admin/structural/structural\\_home](http://isdegd52:8060/ipm/admin/structural/structural_home) Go Links >>

### Create New Structural Pesticide Application Form

Do you intend to use restricted materials for this application?

Yes  
 No

### Manage Existing Form(s)

= Restricted = Edit/View = Copy = Delete = Notes = Add PUR

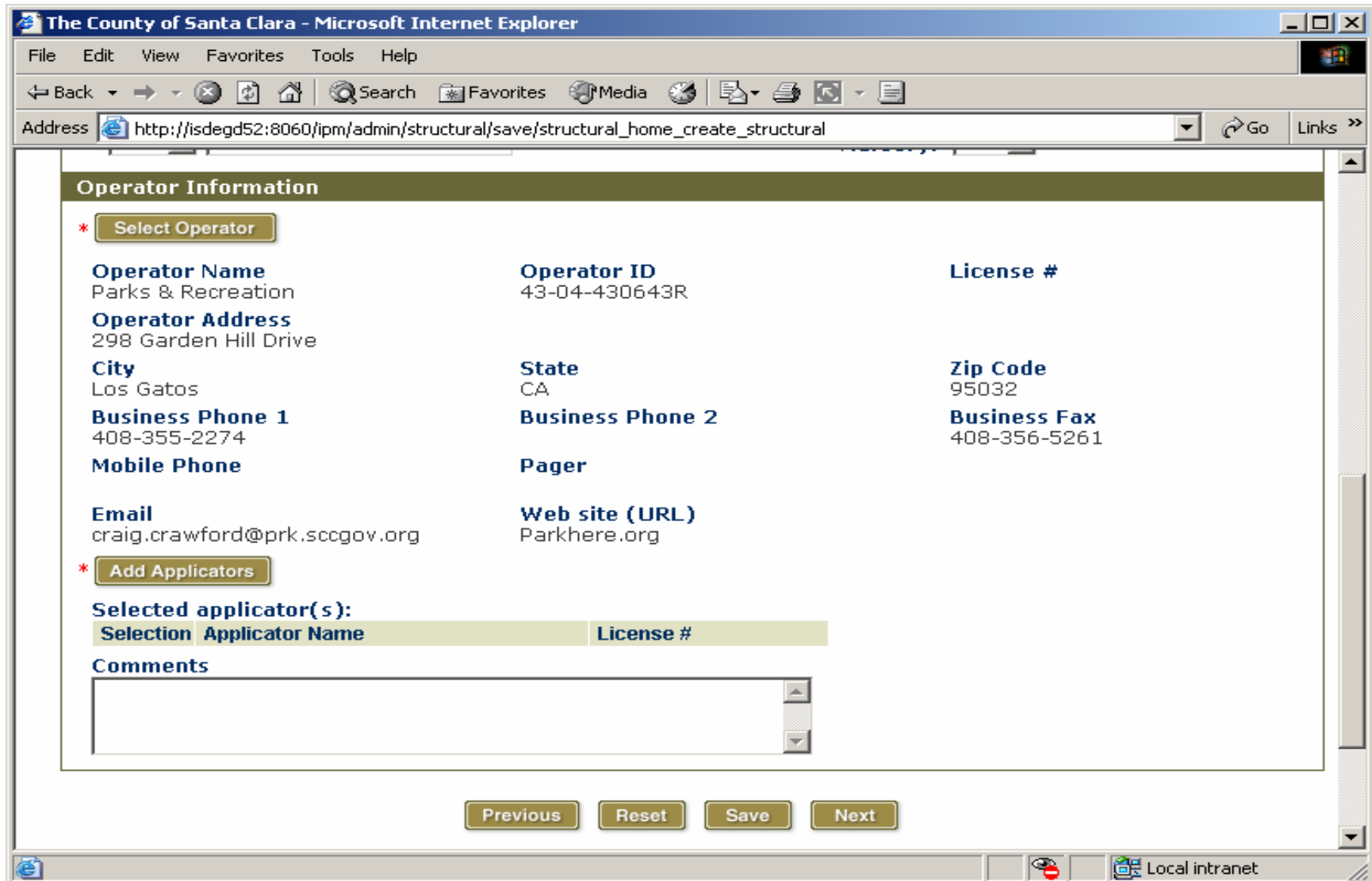
Display items: 25 << previous | results 1 - 11 of 11 | next >>

### Structural Pesticide Application

Index	Reference No.	Completed Date	Status	Action	Work Order Status
1	PRK11022004 srja97690	11/03/2004 00:00	Completed		Completed
2	PRK11022004 srjs97574	11/02/2004 08:00	Completed		Completed
3	PRK11022004 srja97516	11/02/2004 00:00	Completed		Completed
4	PRK11012004 srja084-c		Draft		Approved
5	PRK11012004 srja086		Draft		Approved

Done Local intranet

**Example of Structural Pesticide Archive Screen Work Order Status**



**Structural Pest Control Screen\_1**

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Address http://isdegd52:8060/ipm/form\_app/app\_2?gApplicationOID=300952 Go Links >>

### Pesticide Information

Enter your professional information below. Use the scroll down arrow on the right or simply use the tab key to jump to each field.

Fields marked with a red asterik \* are required fields.

#### Material Information

\* **Application Method**

\* **Pesticide to be used?**  **If no, please select a pesticide alternative:**

USER INPUT		RESULTS
<b>Area Treated:</b> * <input type="text" value="0.0"/> (acres)	<b>Calculate</b> <input type="button" value="Calculate"/>	<b>Total Dilution (Spray Volume):</b> <input type="text" value="0.0"/> (gallons)
<b>Dilution (Spray Volume Required):</b> <input type="text" value="0.0"/> (gallons)		<b>Tank Loads:</b> <input type="text" value="0.0"/>
<b>Tank Size</b> <input type="text" value="0.0"/> (gallons)		<b>No. of Acres/Tank:</b> <input type="text" value="0.0"/> (acres/tank)

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**Structural Pest Control Screen\_2**

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Back Forward Search Favorites Media


Address http://Forward:2:8060/ipm/form\_app/app\_2?gApplicationOID=300952 Go Links >>

USER INPUT		RESULTS
<p><b>Area Treated:</b></p> <p>* <input type="text" value="0.0"/> (acres)</p> <p><b>Dilution (Spray Volume Required):</b></p> <p><input type="text" value="0.0"/> (gallons)</p> <p><b>Tank Size</b></p> <p><input type="text" value="0.0"/> (gallons)</p>	<p>Calculate</p> 	<p><b>Total Dilution (Spray Volume):</b></p> <p><input type="text" value="0.0"/> (gallons)</p> <p><b>Tank Loads:</b></p> <p><input type="text" value="0.0"/></p> <p><b>No. of Acres/Tank:</b></p> <p><input type="text" value="0.0"/> (acres/tank)</p>

\* [Add Pesticides](#)

SELECTED PESTICIDE(S):

There are no pesticide(s) selected.

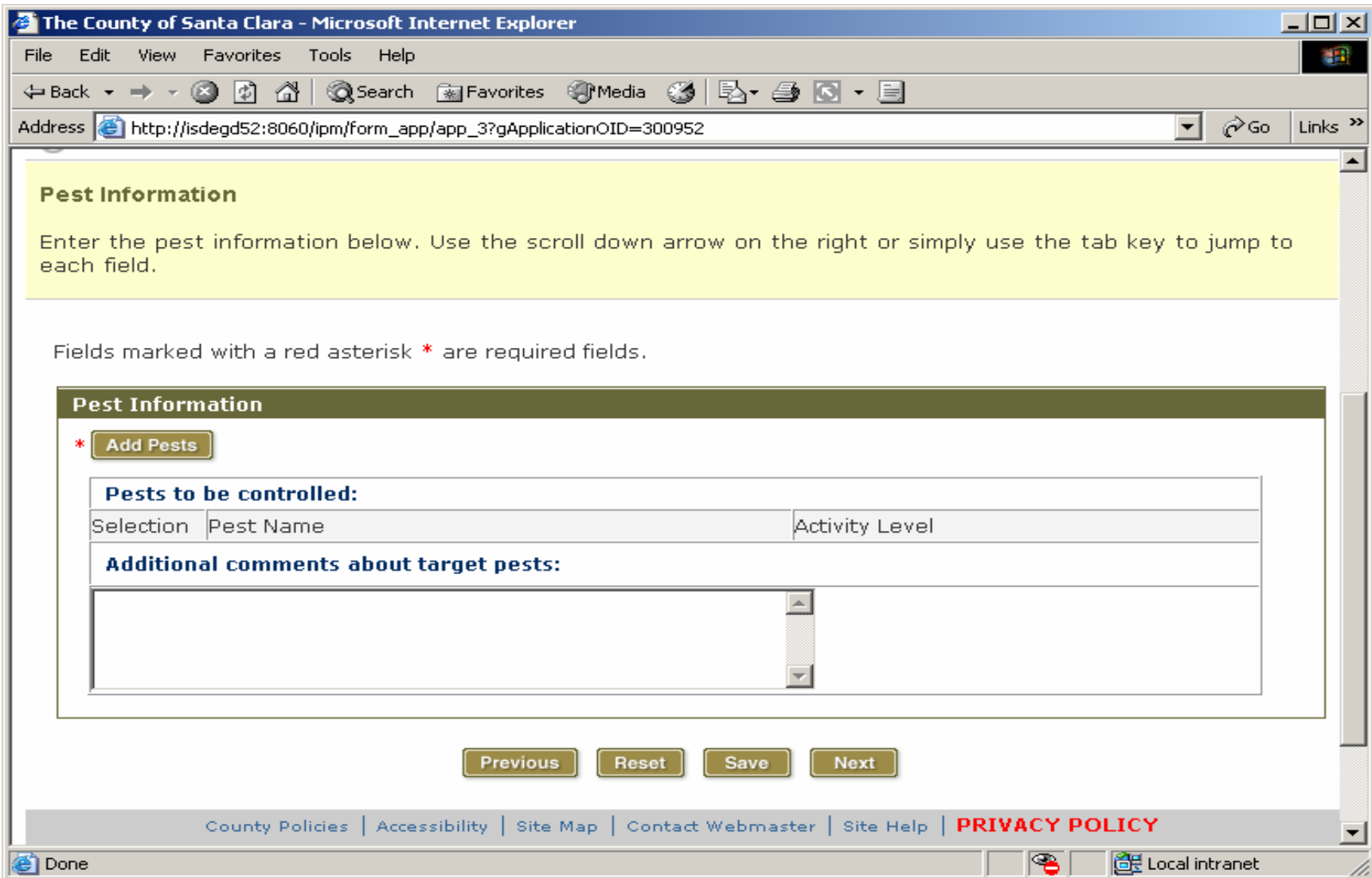
[Pesticide Label/MSDS Review](#)  
 [Unit Conversion Calculator](#)

**Comments (Write what pesticide alternatives considered, applied or not applied and why)**

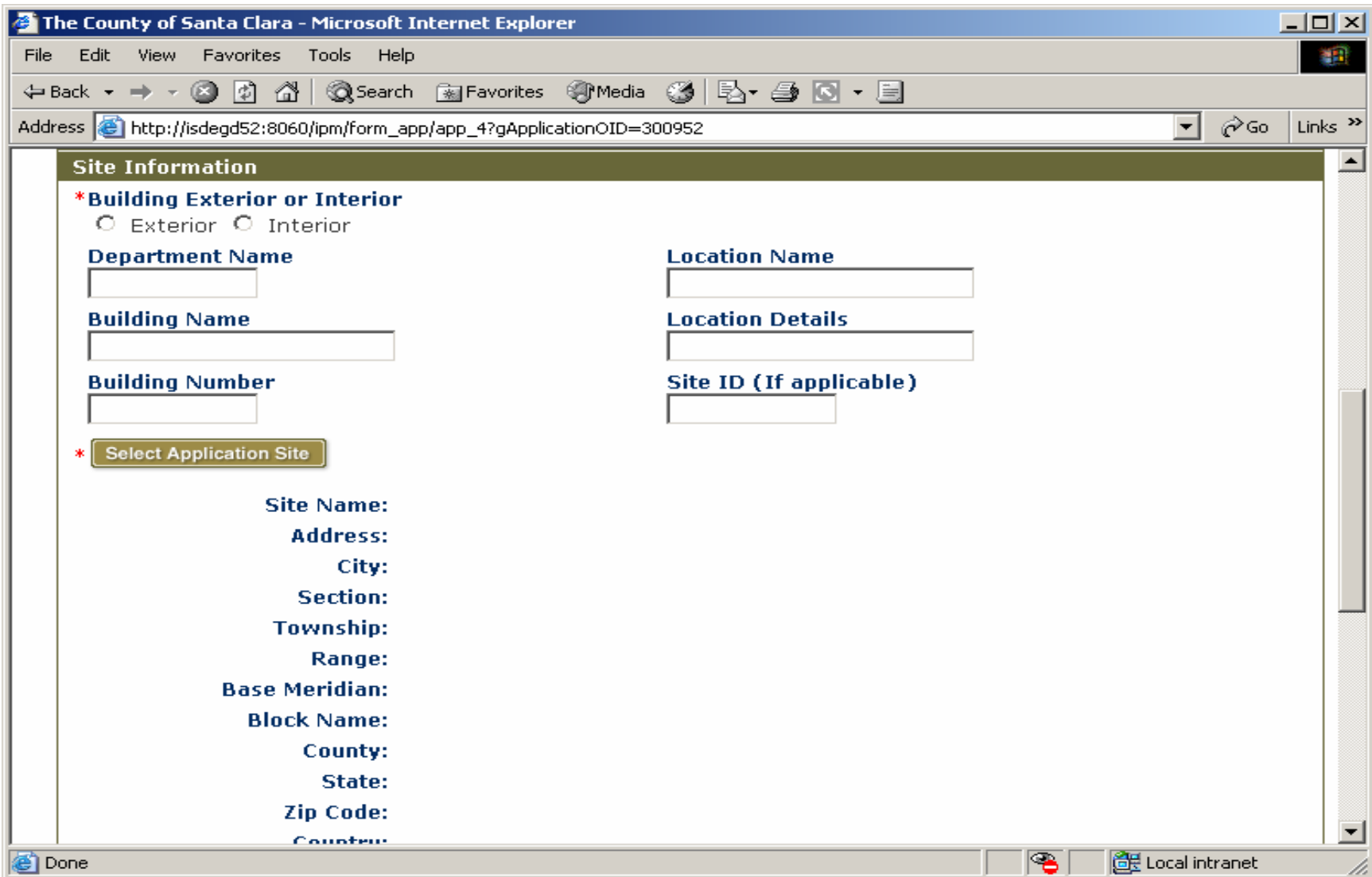
[Previous](#) [Reset](#) [Save](#) [Next](#)

Done Local intranet

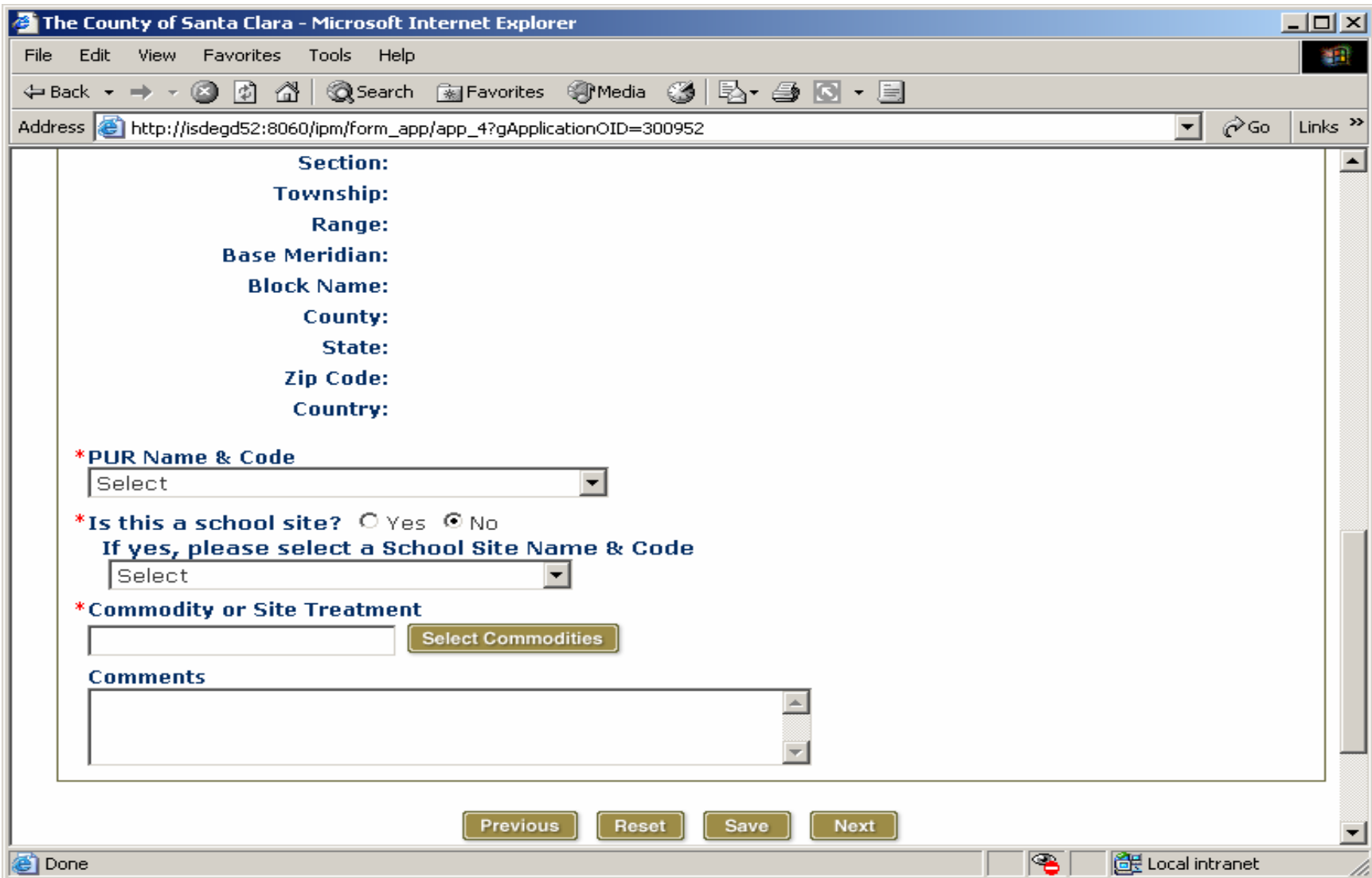
### Structural Pest Control Screen\_3



**Structural Pest Control Screen\_3**



**Structural Pest Control Screen\_4**



**Structural Pest Control Screen\_5**

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Back Forward Stop Home Search Favorites Media Print Refresh

Address http://isdegd52:8060/ipm/form\_app/app\_5?gApplicationOID=300952 Go Links >>

### Application Schedule

**\*Date & Time Sign Posted**  
   :

**\*Date & Time of Schedule Application**  
   :

**\*Date & Time of Actual Application Started**  
   :

**\*Date & Time of Actual Application Completed**  
   :

**\*Application Supervisor**  
Alan Jones (RDA)

**Re-entry**  
 days

**Pre-harvest**  
 days

**Comments**

Previous Reset Save Next

Done Local intranet

**Structural Pest Control Screen\_6**

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Address [http://isdegd52:8060/ipm/form\\_app/app\\_6?gApplicationOID=300952](http://isdegd52:8060/ipm/form_app/app_6?gApplicationOID=300952) Go Links >>

Fields marked with a red asterisk \* are required fields.

**Application Method/Unit Treated Information**

\*Method and Unit

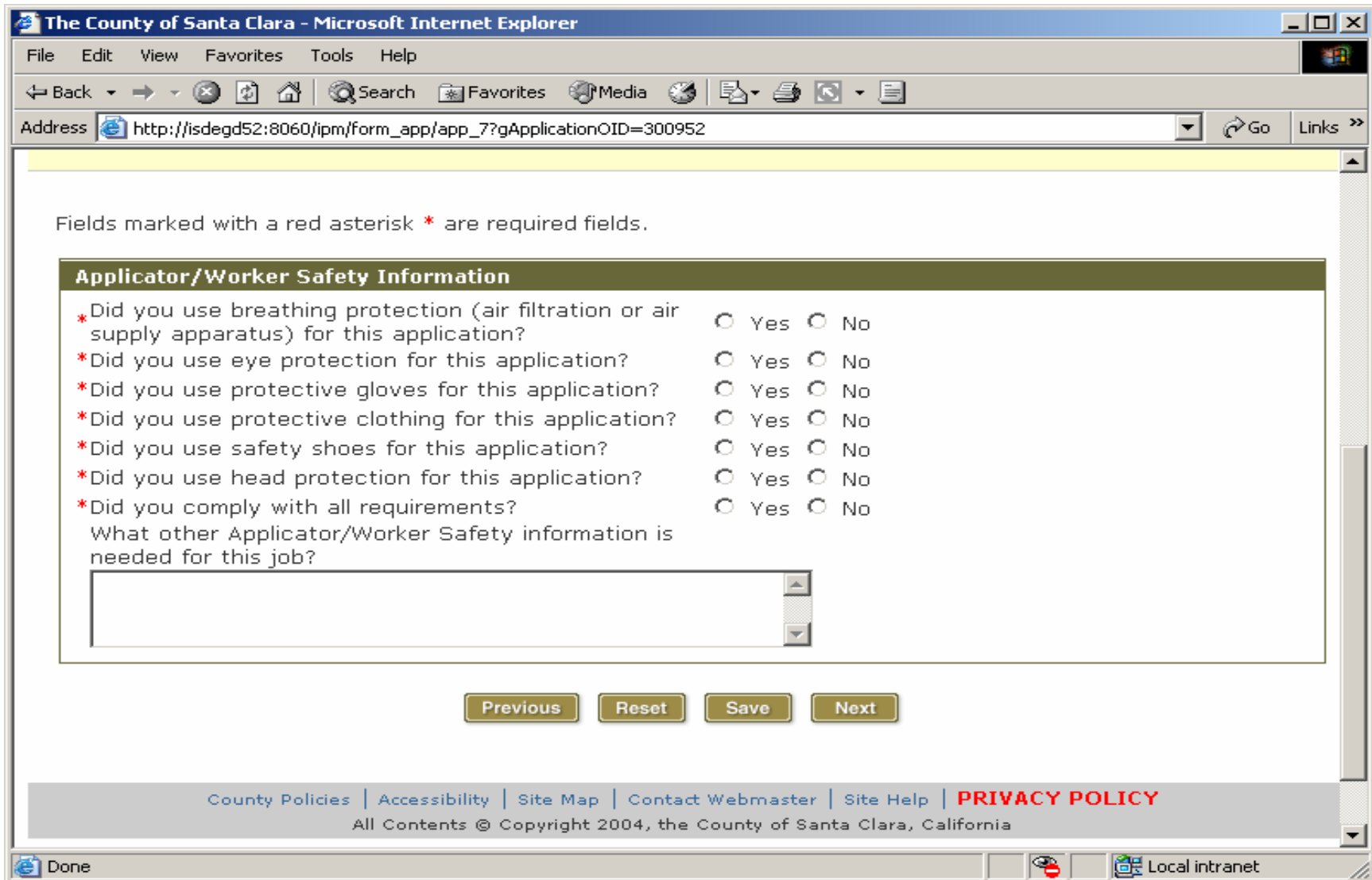
Select

Method and Code	Quantity/Area Applied	Unit	Total No. of Application (s)	Material Cost	Time (Hr)	Hourly Labor Rate	Cost of Application
						<b>Sub Total</b>	<input type="text" value="0.00"/>
						<b>Other Cost (not indentified above)</b>	<input type="text" value="0.0"/>
						<b>Cost of Pesticides</b>	<input type="text"/>
						<b>Total Cost of Application</b>	<input type="text" value="0.0"/>

**Comments**

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## Structural Pest Control Screen\_7



**Structural Pest Control Screen\_8**

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Back Forward Stop Home Search Favorites Media

Address [http://isdegd52:8060/ipm/form\\_app/app\\_8?gApplicationOID=300952](http://isdegd52:8060/ipm/form_app/app_8?gApplicationOID=300952) Go Links >>

### Environmental Safety Information

**Did you prepare Map of the application site**       Yes    No

**Surroundings to the Area of Application (Distance)**

School	0	ft
Pond	0	ft
Lake	0	ft
Creek	0	ft
River	0	ft
Park	0	ft
Office (Specify)	0	ft

**Environmental Factors**

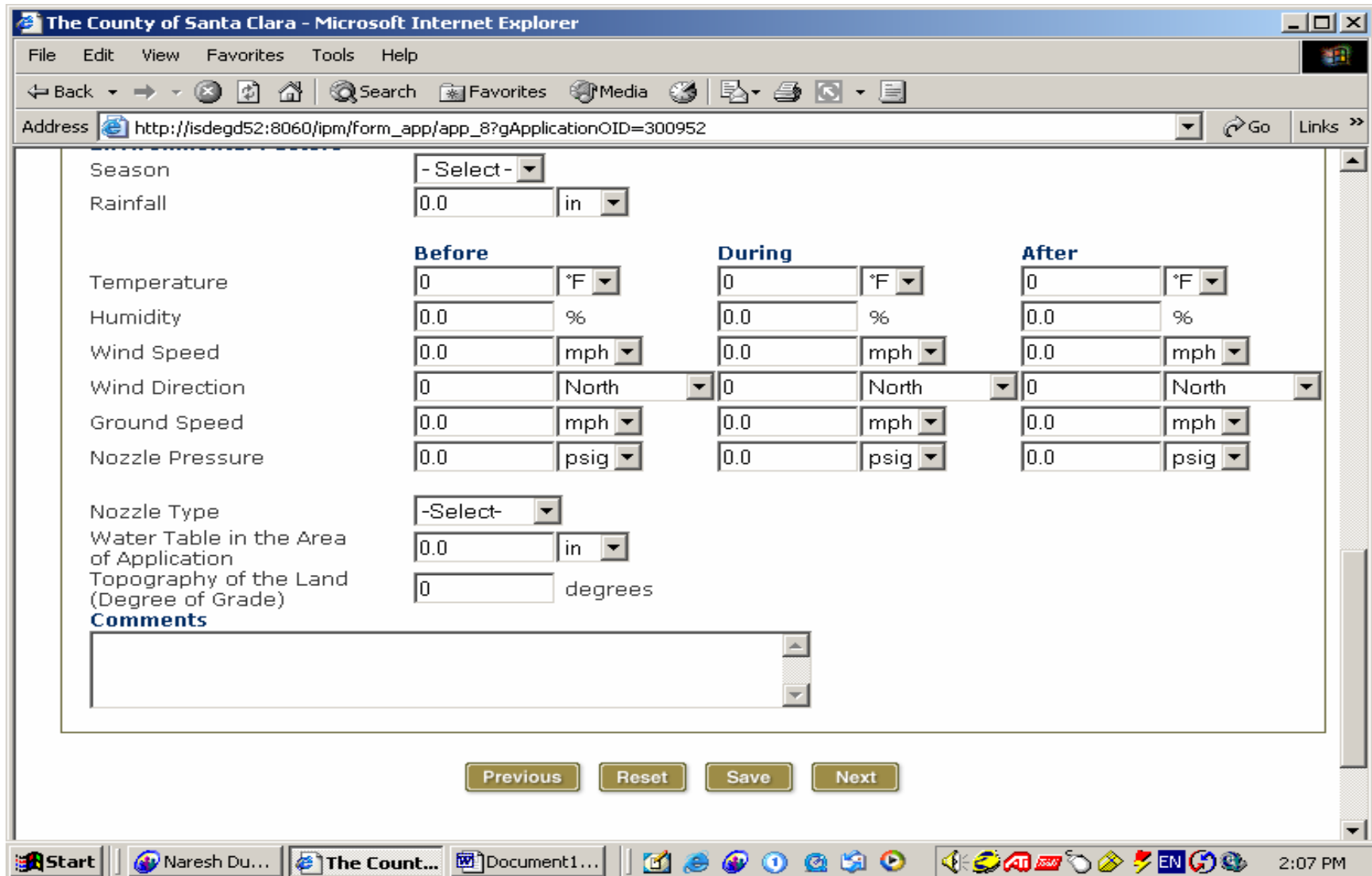
Season: - Select -

Rainfall: 0.0 in

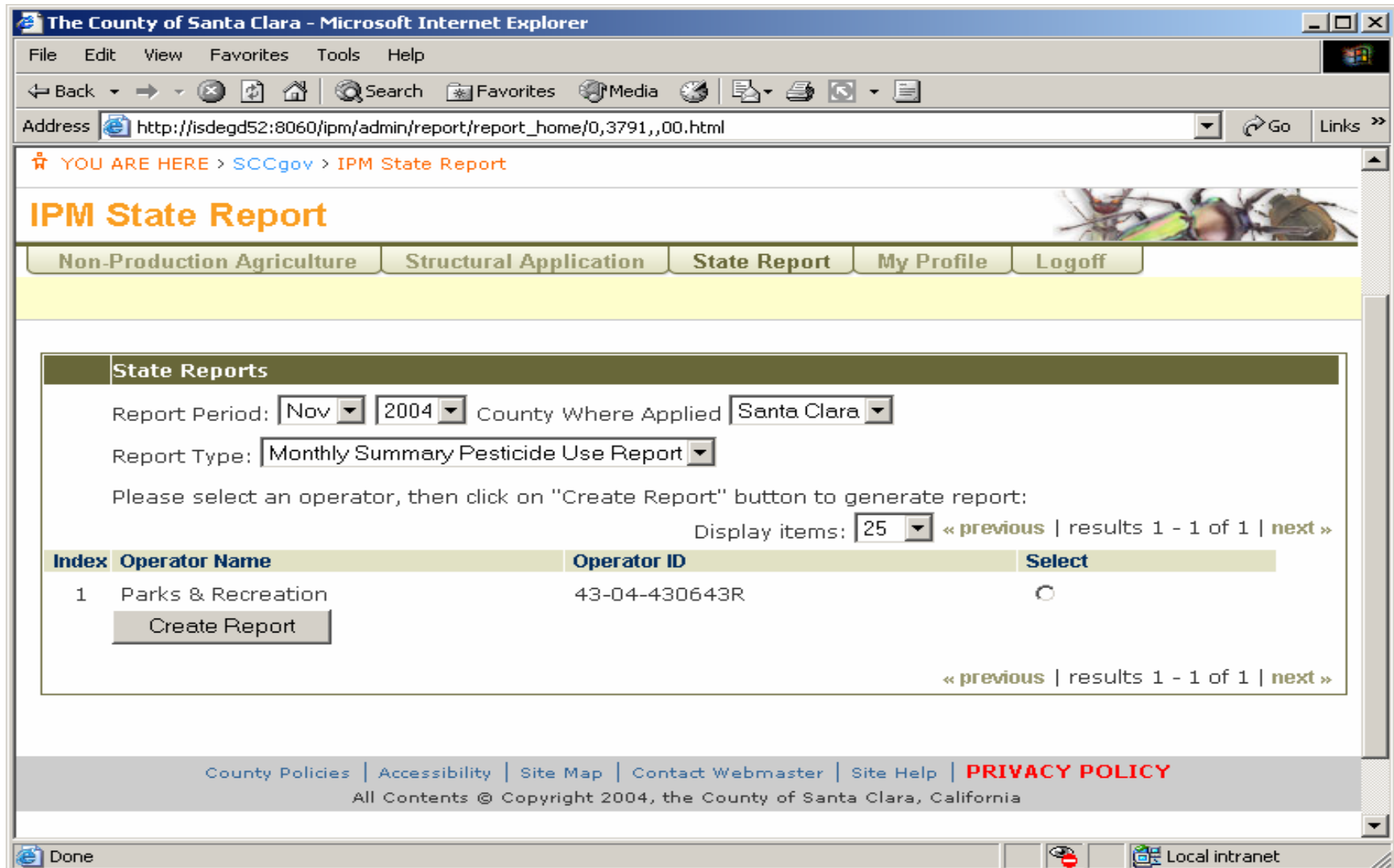
	Before	During	After
Temperature	0 °F	0 °F	0 °F
Humidity	0.0 %	0.0 %	0.0 %

Done      Local intranet

**Structural Pest Control Screen\_9**



## Structural Pest Control Screen\_10



**Example of Screen \_ State (DPR) report generator by Month by Operator or by Department or Unit**

http://isdegd52:8060/scc/assets/docs/300976mspur\_112004\_1.pdf - Microsoft Internet Explorer

STATE OF CALIFORNIA  
**MONTHLY SUMMARY PESTICIDE USE REPORT**  
 PR-ENF-025 (REV. 2/99)  
 INSTRUCTIONS FOR COMPLETING THIS FORM ARE INDICATED BELOW

DEPARTMENT OF PESTICIDE REGULATION  
 PESTICIDE ENFORCEMENT BRANCH

OPERATOR (FIRM NAME) Parks & Recreation		ADDRESS 298 Garden Hill Drive		CITY Los Gatos		ZIP CODE CA 95032		PHONE NUMBER 408-355-2274	
OPERATOR ID/FERMIT NUMBER 43-04-430643R		LICENSE NUMBER		COUNTY WHERE APPLIED Santa Clara		COUNTY NUMBER 39		MONTH/YEAR OF USE 11/2004	
								TOTAL No. OF APPLICATIONS 3	

1. Complete Columns A, B, C, and D for All Users  
 2. Complete Column E by Using one of the Following Codes  
 Code 10 - Structural Pest Control.....include any pest control work performed within or on buildings and other structures.  
 Code 30 - Landscape Maintenance Pest Control...include any pest control work performed on landscape planting around residences, or other buildings, golf courses, parks, cemeteries, etc.  
 Code 40 - Right-of-Way Pest Control.....include any pest control work performed along roadsides, power lines, median strips, ditchbands and similar sites.  
 Code 50 - Public Health Pest Control.....include any pest control work performed by or under contract with State or local public health or vector control agencies.  
 Code 80 - Vertebrate Pest Control.....include any pest vertebrate pest control work performed by public agencies or work under the supervision of the State or county agricultural commissioner.  
 Code 91 - Commodity Fumigation (Nonfood/Nonfeed) includes fumigation of nonfood/nonfeed commodities such as pallets, dunnage, furniture, burlap bags, etc.  
 Code 100 - Regulatory Pest Control.....include any pest control work performed by public employees or contractors in the control of regulated pests.  
 3. Complete Columns F and G, if Use Does not Fit one of the Above Codes

A	B	C	D	E	F	G
MANUFACTURER AND NAME OF PRODUCT APPLIED	EPWCA REGISTRATION NUMBER FROM LABEL (INCLUDE ALPHA CODE)	TOTAL PRODUCT USED	NUMBER OF APPLICATIONS	CODE	COMMODITY OR SITE TREATED	ACRES/UNITS TREATED
CUSTOM CHEMICIDES GALACTIC	9319-50093-AA	2185.7lb	3	30		

REPORT PREPARED BY: Craig A. Crawford DATE: 11/12/2004 02:08

Reports must be submitted to the county agricultural commissioner by the 10th of the month in which the work was performed.

## EXAMPLE OF STATE MANDATED REPORTS

## **EXAMPLE OF BUSINESS ANALYTICAL REPORTS:**