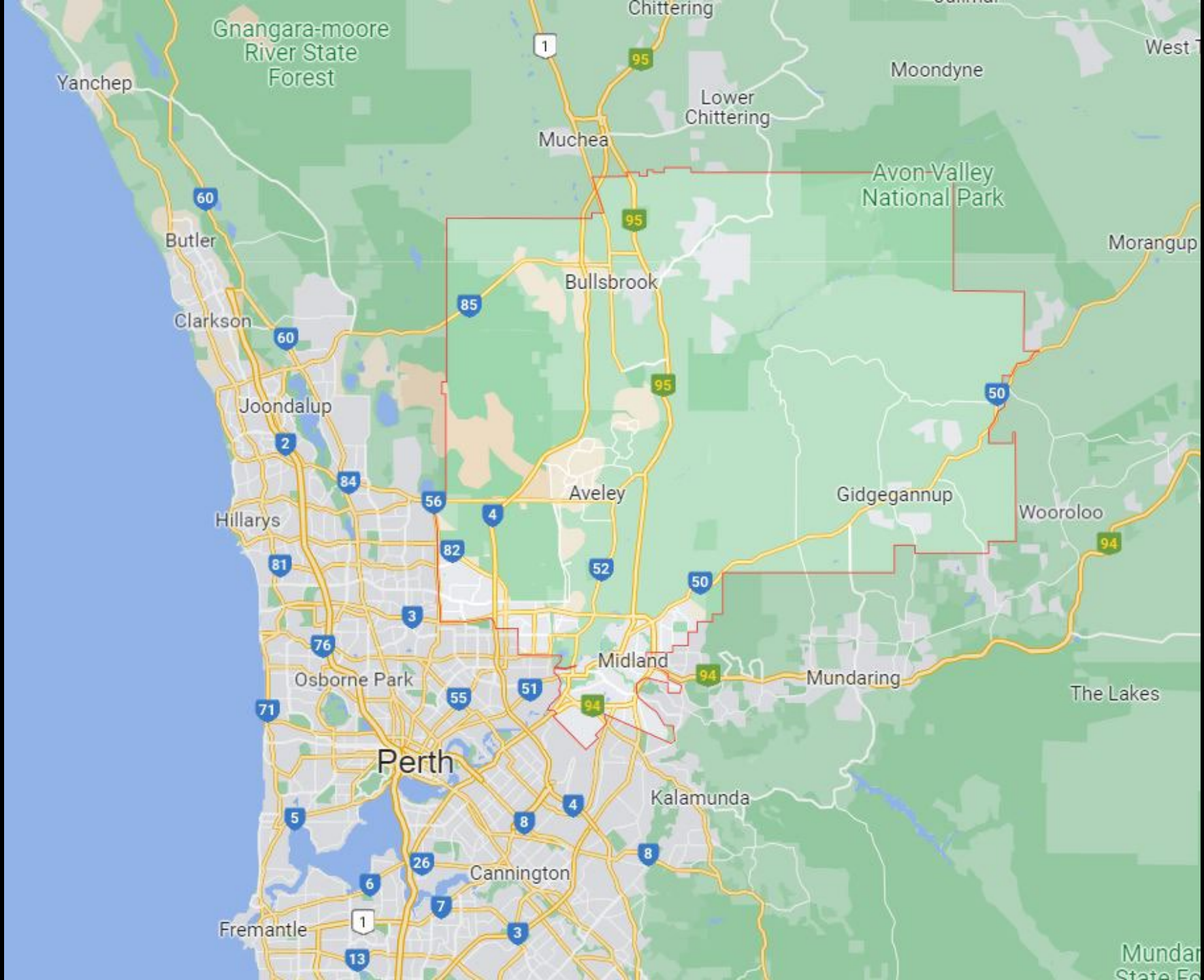


# WOOROLOO BUSHFIRE

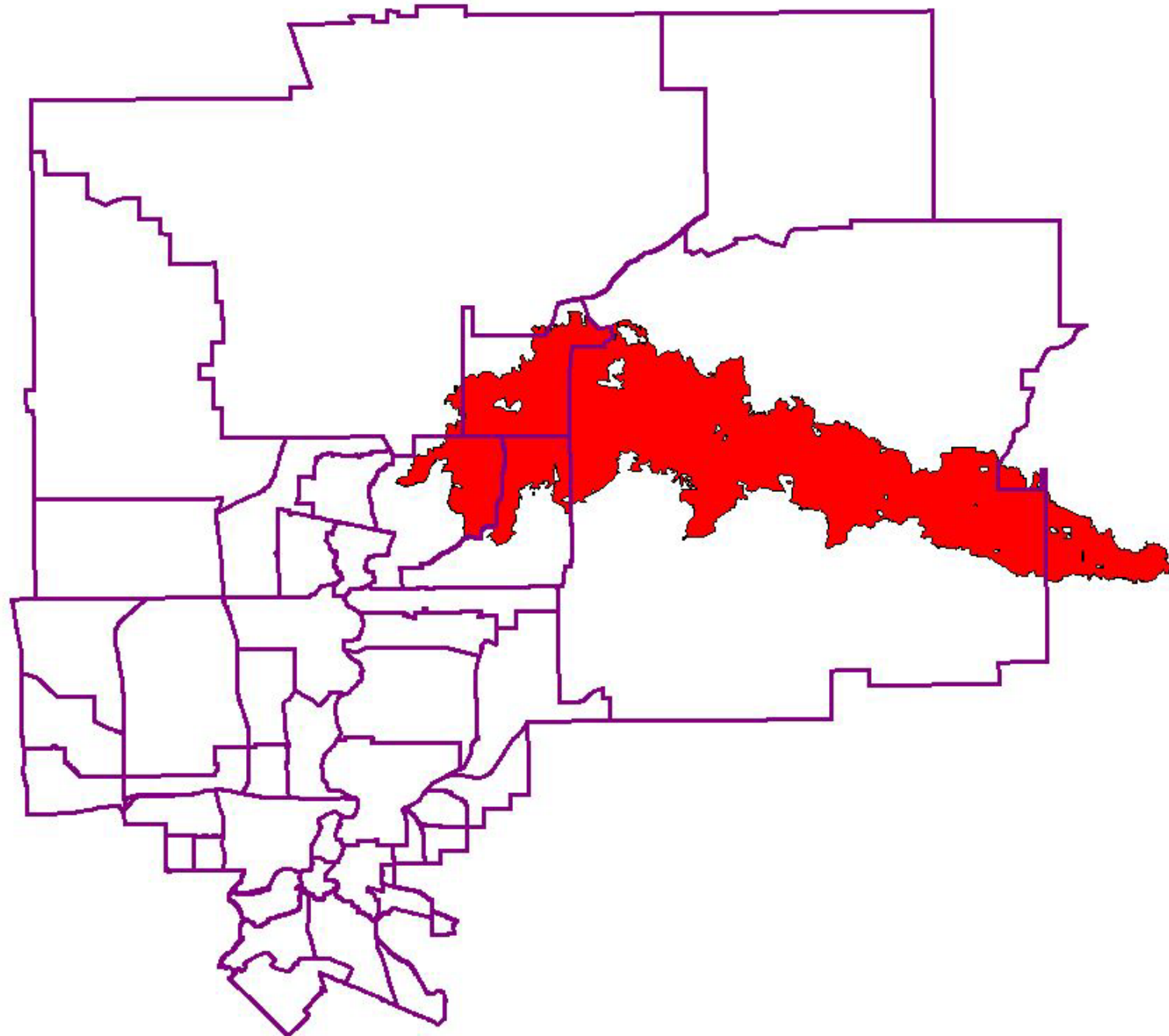
David Cook

Coordinator Health Services





- February 2021
- 6 days
- 10 743 Ha
- 86 homes





# Inspections

- Should we do inspections?



# Inspections

- What are we inspecting for?

## Bushfire Damage Assessment



### Address

House number/lot number: \_\_\_\_\_  
Street: \_\_\_\_\_  
Suburb: \_\_\_\_\_

### Initial Assessment

Area of Impact	Severity of Damage			
	Not Applicable	None Observed	Minor Damage	Major Damage
House				
Outbuildings				
Waste water				
Water Supply				
Asbestos				
Other				

### General Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Any other identified hazards or issues of concern:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Residence suitable for occupancy:  Yes  No  Further assessment required

Assessing Officers: \_\_\_\_\_

Date: \_\_\_\_\_



# Inspections

- How do we do inspections?





# Inspections

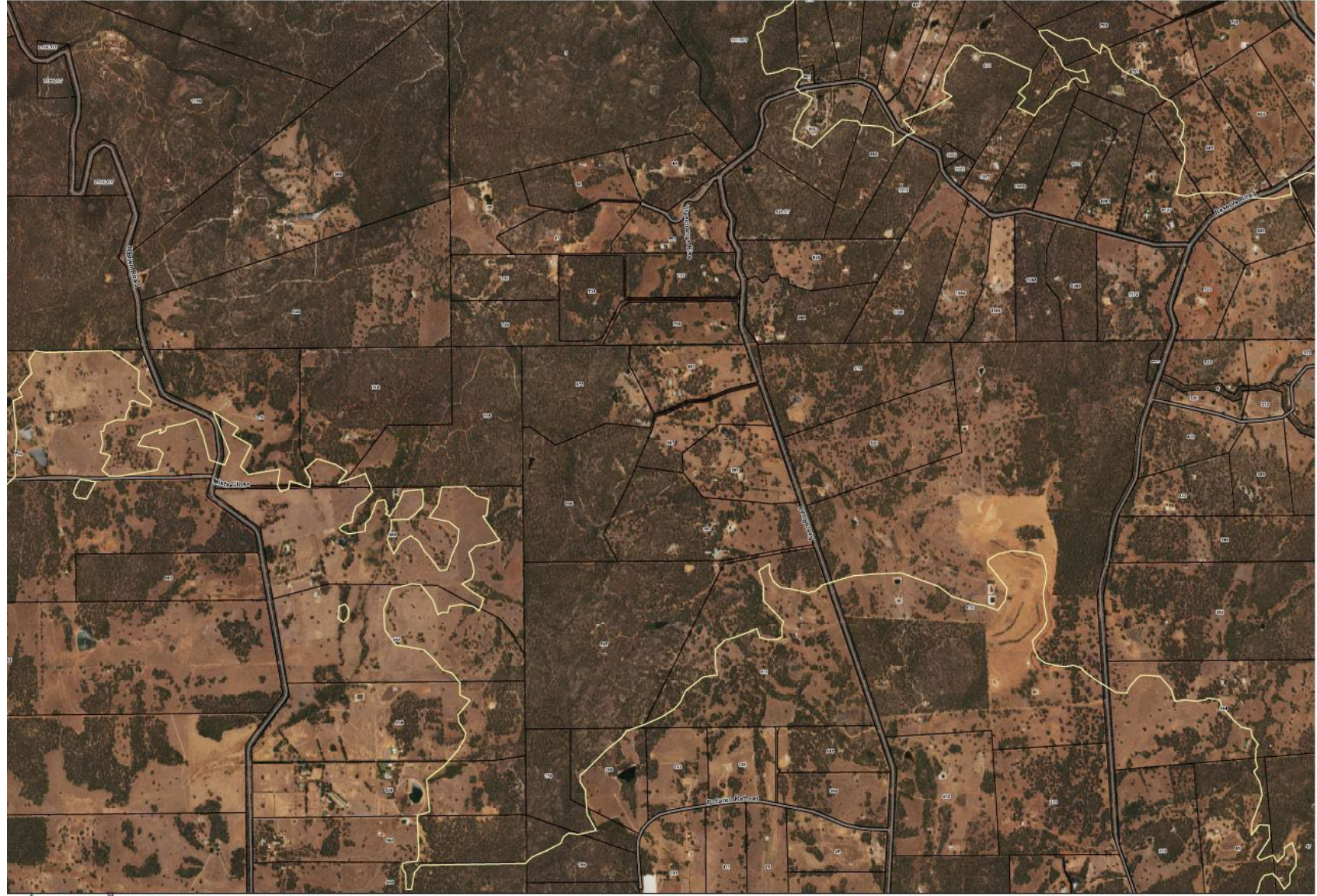
- How and when do we get access?





# Maps

- Fire scar
- Aerial photo
- Property boundaries
- Addresses
- Street Names
- Large Format





Area of Impact	Severity of Damage		
	None Observed	Minor Damage	Major Damage
House			
Outbuildings			
Waste water			
Water Supply			
Asbestos (if present provide details. Eg roof of shed)			
Other			

Property_Key	Address	House	Outbuildings	Wastewater	Water_Supply	Asbestos
422912		Major Damage	Major Damage			
422913		Major Damage				
422914		Major Damage	Major Damage	None Observed	Minor Damage	Major Damage
422916		None Observed	Major Damage	None Observed	Major Damage	None Observed
422917		None Observed	None Observed	Major Damage		
422918		Major Damage	Major Damage	None Observed	Minor Damage	None Observed
422919		Minor Damage	Major Damage	Major Damage	None Observed	None Observed
422920		None Observed	Major Damage	Major Damage	None Observed	None Observed
422921		Major Damage	Major Damage	None Observed	Minor Damage	None Observed
423028		Not Applicable	None Observed	None Observed	None Observed	None Observed
423831		None Observed	None Observed	None Observed	None Observed	None Observed
423841		None Observed	None Observed	None Observed	None Observed	None Observed
424445		None Observed	None Observed	None Observed	None Observed	None Observed
424453		None Observed	None Observed	None Observed	None Observed	None Observed
424811		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
424821						
424951		None Observed	Minor Damage	None Observed	None Observed	None Observed
424961		None Observed	None Observed	None Observed	None Observed	None Observed
425418		Major Damage	Major Damage			Major Damage
425419		None Observed	Minor Damage			
425420		None Observed	Major Damage		None Observed	
425421		None Observed	Major Damage	Minor Damage	Minor Damage	None Observed
425422			Minor Damage			
425423		Major Damage	Major Damage	Minor Damage		
425425		None Observed	None Observed		Minor Damage	
425426		Major Damage		Minor Damage	Minor Damage	

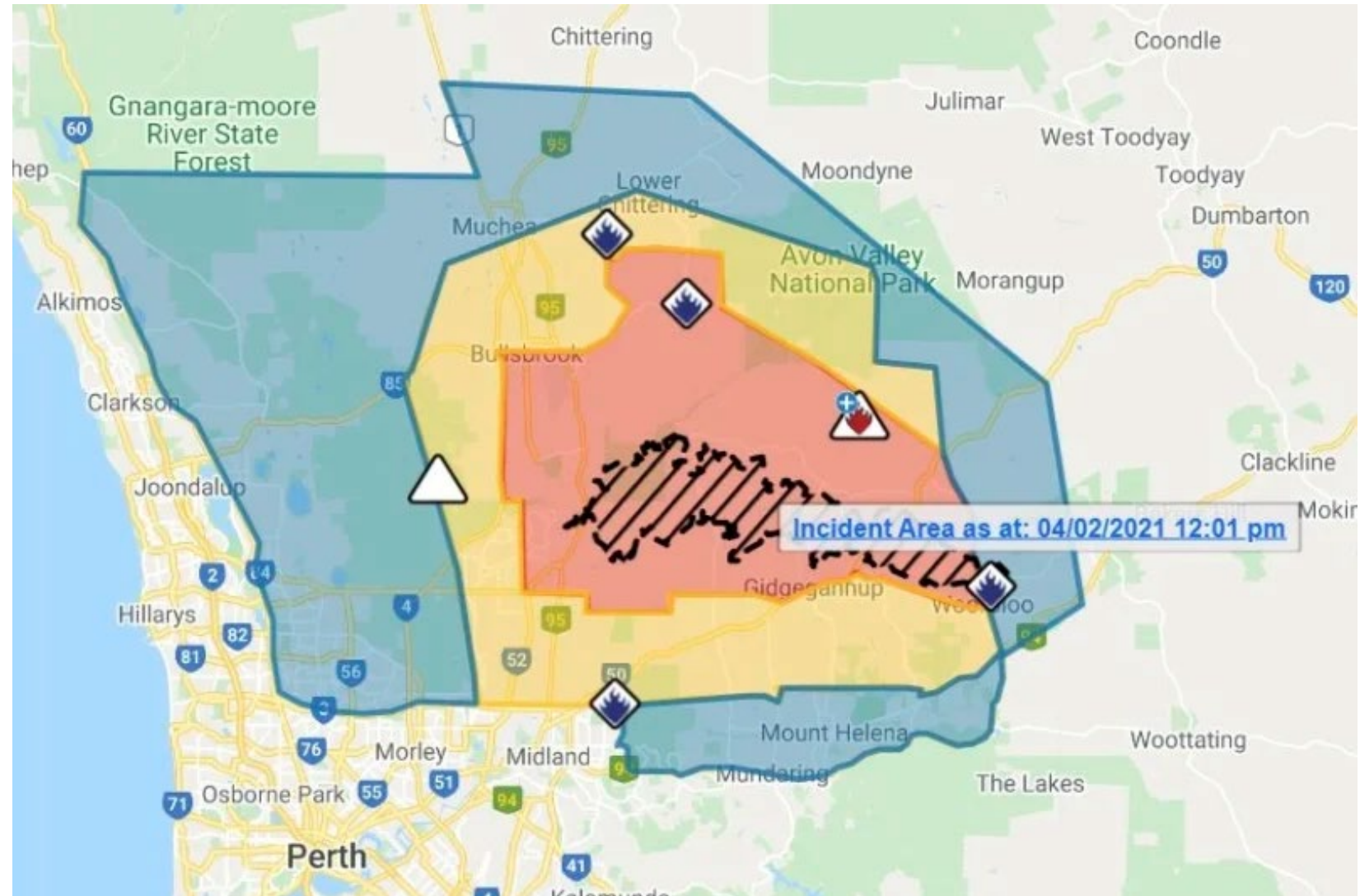


# Grants



# Other sources of information

- Fire scar





NAVIGATION

Zoom: 73112 m  
Scale: 1: 179319

X: 415803 m  
Y: 6488112 m

Go

COORDINATE SYSTEM

WGS84 Pseudo-Mercator  
GDA94 Map Grid of Australia

STORED VIEWS

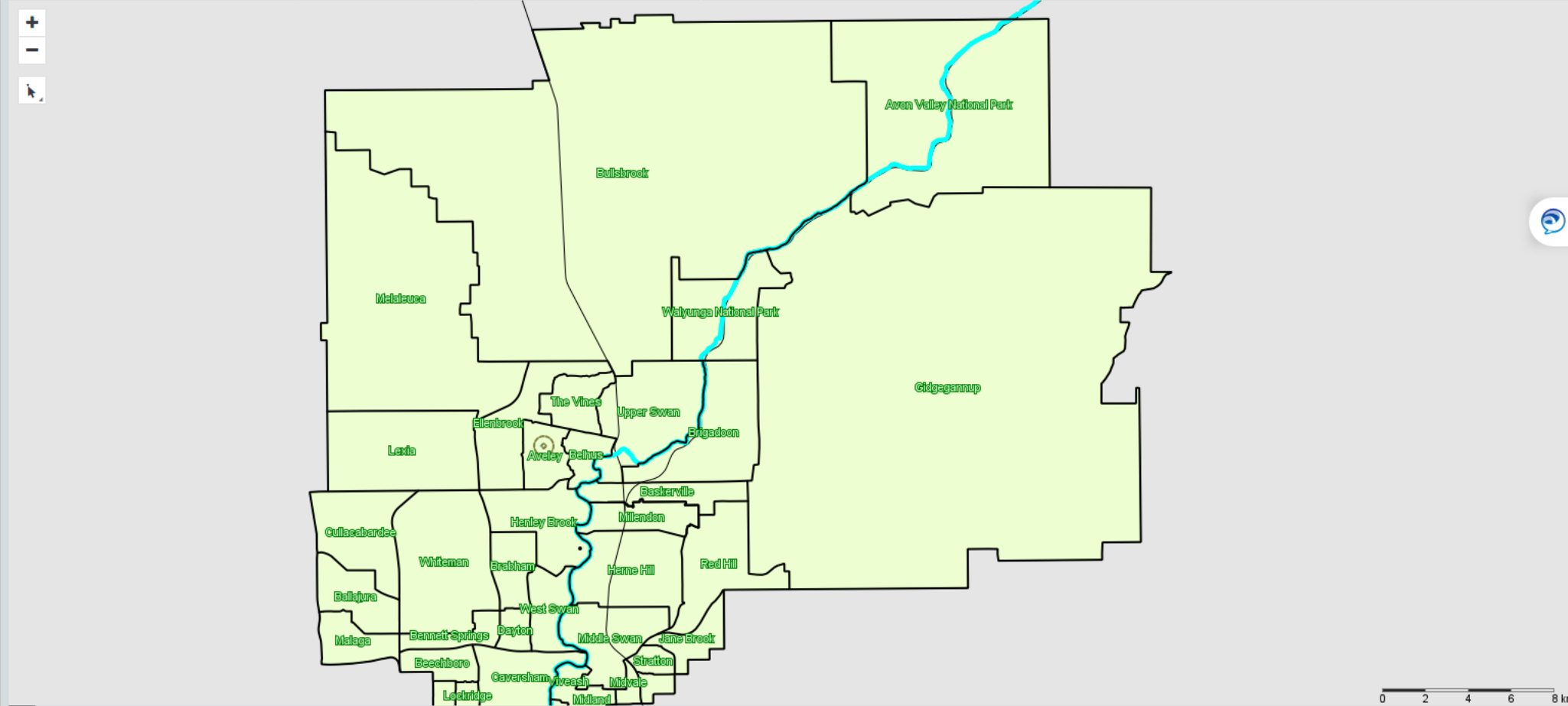
Save

MODULES

- Approvals
- Stat Planning
- Property
- DigiFiche
- Waste Services
- Engineering Assets
- Environmental Assets
- Health

LAYERS

- Noise Exceptions
- Swan Traffic Counts
- MRWA Traffic Digest
- fire\_incident\_512758\_cos\_structure\_assessment
- fire\_incident\_512758\_health\_inspection\_results
- dfes\_usar\_rda\_incident\_512758
- dfes\_wooroloo\_destroyed\_and\_damaged\_structures
- dfes\_wooroloo\_destroyed\_and\_damaged\_structure\_sur...
- dfes\_wooroloo\_damaged\_structure\_locations
- Emergency WA Incident 512758
- Noise Zone
- Noise Parcels
- Suburbs
- Roads
- Rivers
- Railways
- Noise Buffer
- Property
- Mosquito Breeding
- Mosquito 200m Buffer
- Water Corporation



PROPERTY KEY	ASSESSMENT	ADDRESS	LOT	PARKS	CROWN RESERVES	DIWER CONTAMINATED SITES
--------------	------------	---------	-----	-------	----------------	--------------------------

city of swan GIS

NAVIGATION

Zoom: 73112 m | X: 415803 m | Y: 6488112 m

Scale: 1:179319

Go

COORDINATE SYSTEM

WGS84 Pseudo-Mercator  
GDA94 Map Grid of Australia

STORED VIEWS

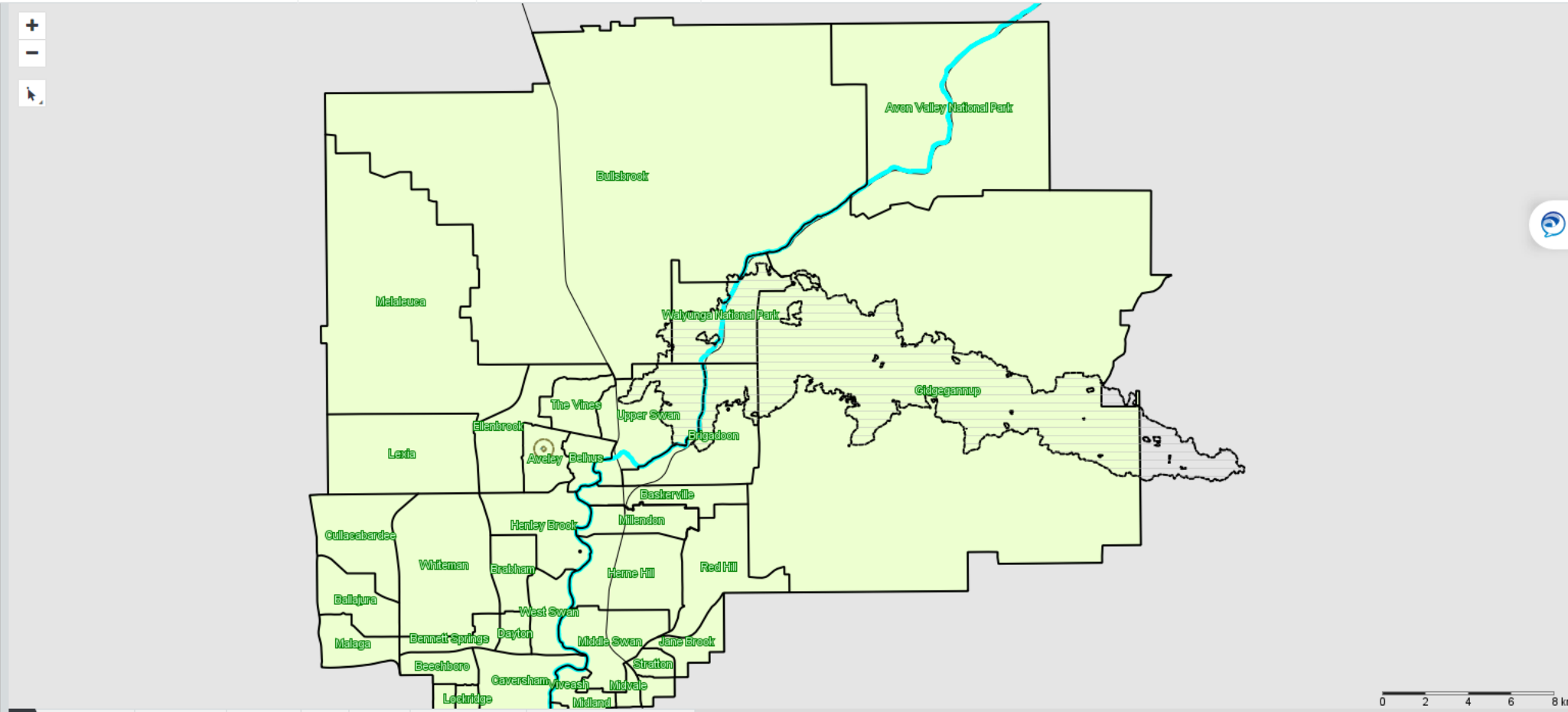
Save

MODULES

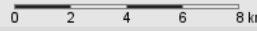
- Approvals
- Stat Planning
- Property
- DigiFiche
- Waste Services
- Engineering Assets
- Environmental Assets
- Health

LAYERS

- Noise Exceptions
- Swan Traffic Counts
- MRWA Traffic Digest
- fire\_incident\_512758\_cos\_structure\_assessment
- fire\_incident\_512578\_health\_inspection\_results
- dfes\_usar\_rda\_incident\_512758
- dfes\_wooroloo\_destroyed\_and\_damaged\_structures
- dfes\_wooroloo\_destroyed\_and\_damaged\_structure\_sur...
- dfes\_wooroloo\_damaged\_structure\_locations
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PROPERTY KEY	ASSESSMENT	ADDRESS	LOT	PARKS	CROWN RESERVES	DWER CONTAMINATED SITES
--------------	------------	---------	-----	-------	----------------	-------------------------





# Other sources of information


- Rapid Damage Assessments (RDAs)



**Rapid Damage Assessment (RDA) Report**  
Report Generated On: (February 2, 2021 2:39 AM)  
Incident Number: (512758)

The information contained within this Rapid Damage Assessment (RDA) Report has been obtained based on the assessment of the incident area by the Department of Defense and Emergency Services at the date and time listed above. This report change without notice. Any information may be updated during future assessments, or after the affected area is repaired and corrected, and no users identify additional damage. The information contained within this report is intended for internal use and is not to be shared with any third party without permission of the Department of Defense and Emergency Services.

Overview Map



Event	February 2, 2021 2:39 AM
Event ID	February 2, 2021 2:39 AM
Overview Type	USAR A28, 2955
Email	USARAF@pccr.us.gov
Report ID Number	1881602-073C-4363-9158-7186074081
Resource Requirement	<30-DOD-102-1049-10000000
Date of Assessment	February 2, 2021 2:33 AM
Date of Assessment	02/02
Agency	USAR
Agency Name	
Agency Unit	
Assessor	USAR
Assessor ID	55718
Event Name	Wagon
Event Type	RU0519

Other type of event:	
OPRS Incident Number:	512758
log Entry	1/26, 2024 (08:00:07)
lat/lon	-31.1827584020476
Street Address	100 Highway
Building Name	USAR/AF
Postal Code	6556
Local Government Area	
Building Name	
Structure Type	Fixed
External Wall Material:	Light weight cladding
Other material event:	
Roof Material:	Metal sheeting
Other roof material event:	
Number of Levels (including above and below ground):	The number of levels (choose number of levels in next field)
Actual number of levels:	1
Building Type:	Class B - 3-Storey building
Content:	
Tree Damage:	
Tree Assessment Required:	
Infrastructure Type:	
Is it a critical infrastructure:	
Is it a civil defence infrastructure:	
Is it a utility infrastructure:	
Is it a water infrastructure:	
Is it a military infrastructure:	
Extent of Damage:	Total damage/destroyed
Main Area of Structural Damage:	
Is it habitable?	Not habitable
Why is it not habitable?	Totally destroyed
Business operation/continuity:	
Is it accessible?	Yes
Water Issues (Height):	
Water Inundation (Height):	
Wastewater Required?	
The cause/origin of the hazard type resulting from the event. A hazard is a source of potential harm or a situation with a potential to cause loss. A potential or existing condition that may cause harm to people or damage to property or the environment. An intrinsic capacity associated with an agent or process capable of causing harm.	
Are Hazardous Materials Present?	No
Asbestos (Including Suspended):	
Milk (Flammable Liquids) present:	
Chemicals present:	
Gas Leak (Liquids) present:	
Other:	
More Information:	
Are Liberty Hazards Present?	No
RFHazard:	
Power - Wire Down / Arcing:	
Power - Worker PPE:	
Power - Latching Pole:	

Other Power, Solar, Pumps, Off Grid System:	
Water Leak:	
Other:	
More Information:	
Are Road Hazards Present?	No
Disabled/Downed Vehicle:	
Water Vehicle Accident:	
Other:	
More Information:	
Are Tree Hazards Present?	No
Debris Hazard:	
Tree Down:	
Dangerous Trees/Branches:	
Tree/branch debris:	
Other:	
More Information:	
Are Falls, Heights and Depth Hazards Present?	No
Potential Fall From Height:	
Downed/Downed Post/Fence:	
Danger From Above:	
Other Fall Hazard:	
Other:	
More Information:	
Are Animal Hazards Present?	No
Dangerous Animals:	
(If the number is unknown then leave field blank):	
Number of Adult Occupants:	
Number of Child Occupants:	
Number of Vulnerable Individuals:	
Number of People Injured:	
Number of Fatalities:	
Number of People Missing:	
Number of People Inoculated:	
Number of People Displaced:	
Pole Affected:	No
Pole Damaged:	No
Line/lock Affected:	No
Line/lock Damaged:	No
Utility Affected:	No
Utility Damaged:	No
Is Video Footage Available?	No
NOTE: If video footage is available, it cannot be uploaded via the survey, but can be emailed or otherwise transferred at later date.	
Are Photos required?	Yes
Do you have other imagery available?	No
NOTE: If other media is available, it will need to be emailed or otherwise transferred at later date.	
More Information:	
Extra Details:	Residential building totally destroyed. This is the front building next to the main house. Owner is in accordance.



Photos - Building Sector Bravo



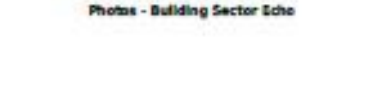
Photos - Building Sector Charlie



Photos - Building Sector Delta



Photos - Building Sector Echo





# Other sources of information

- Review of aerial photos





# Other sources of information

- Review of aerial photos



# Other sources of information

- Building Licence Dates

NO: 101 STREET NO: 59  
STREET: GREAT EASTERN HWY  
URB: BELLEVUE

**BUILDING LICENCE APPLICATION**

LICENCE No: BL - 3499 / 2007

**BL- 3499 / 07**

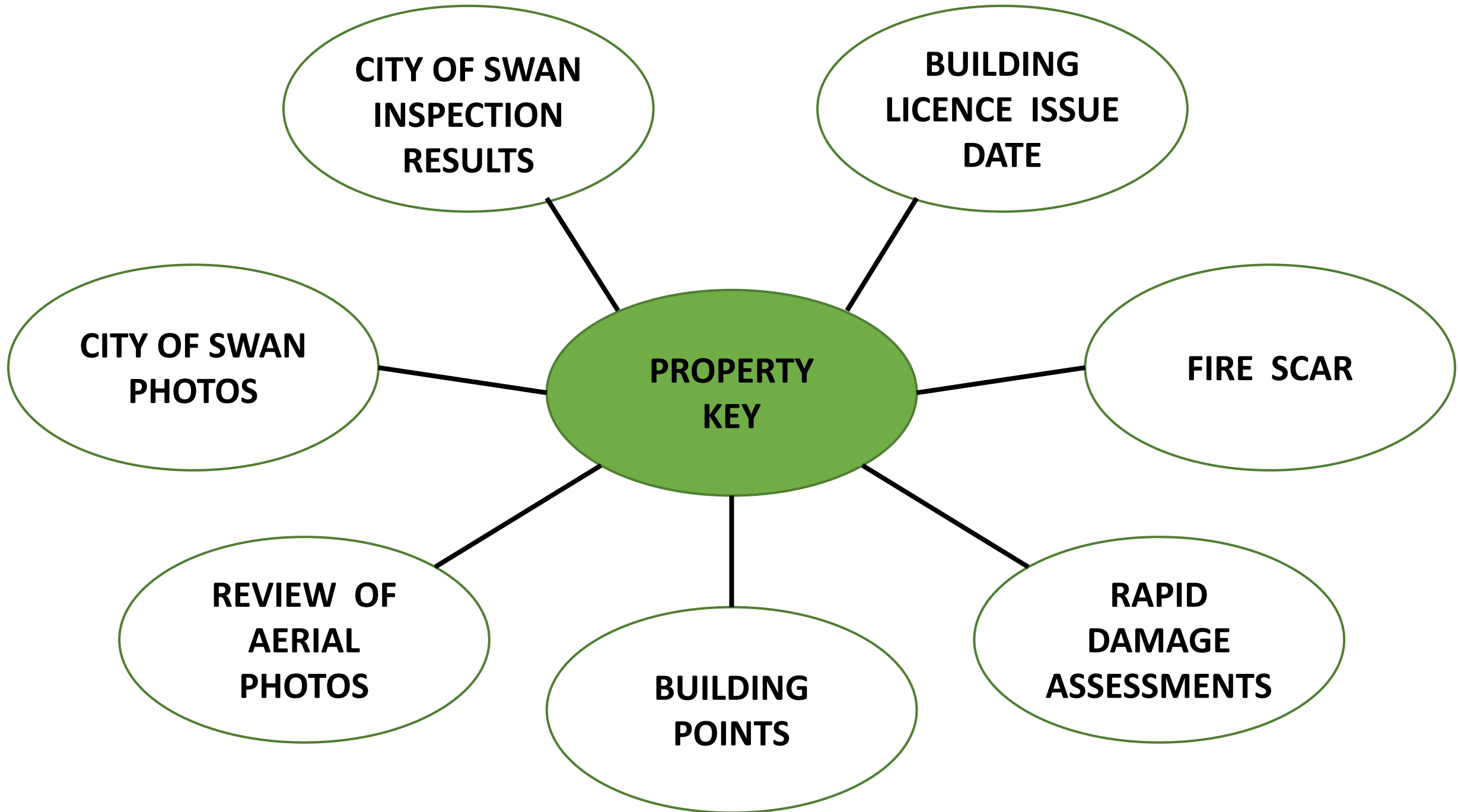
DATE RECEIVED: 5<sup>TH</sup> NOV 2007 Box BL 2007/196

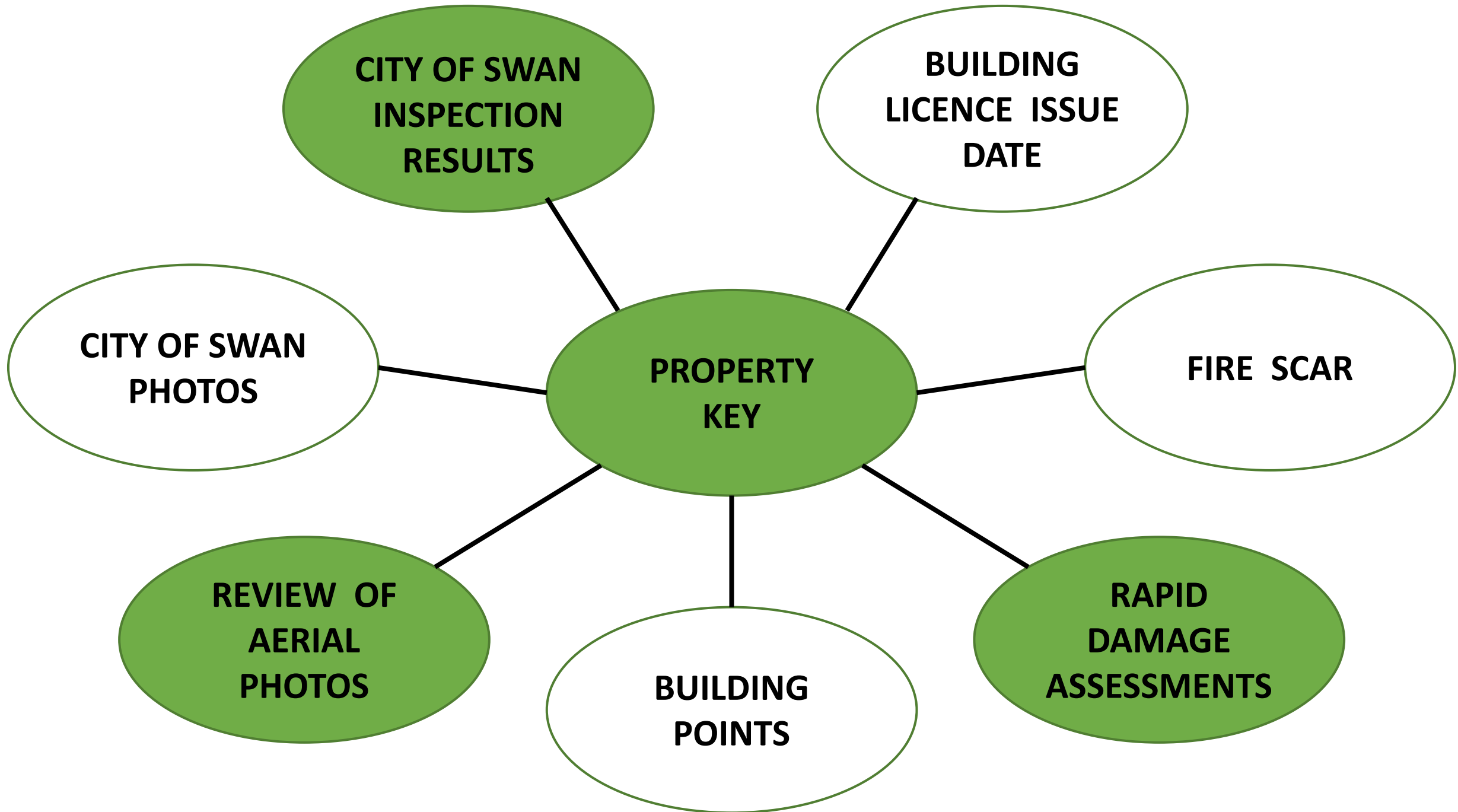
BUILDING TYPE: SERVICE STATION  
ALTERATION / ADDITION

Pending  
T. Pally  
3/12/07

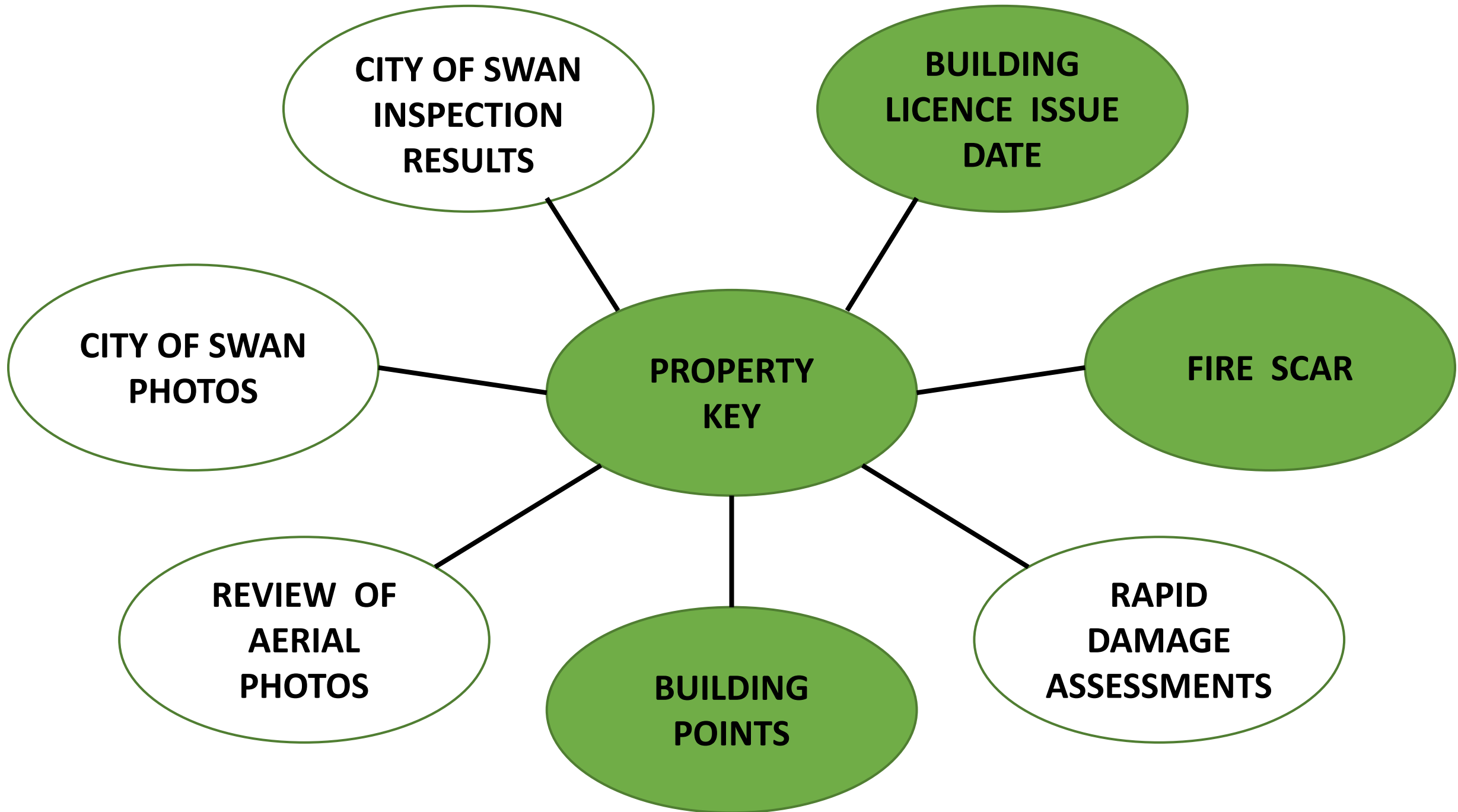
Box 196

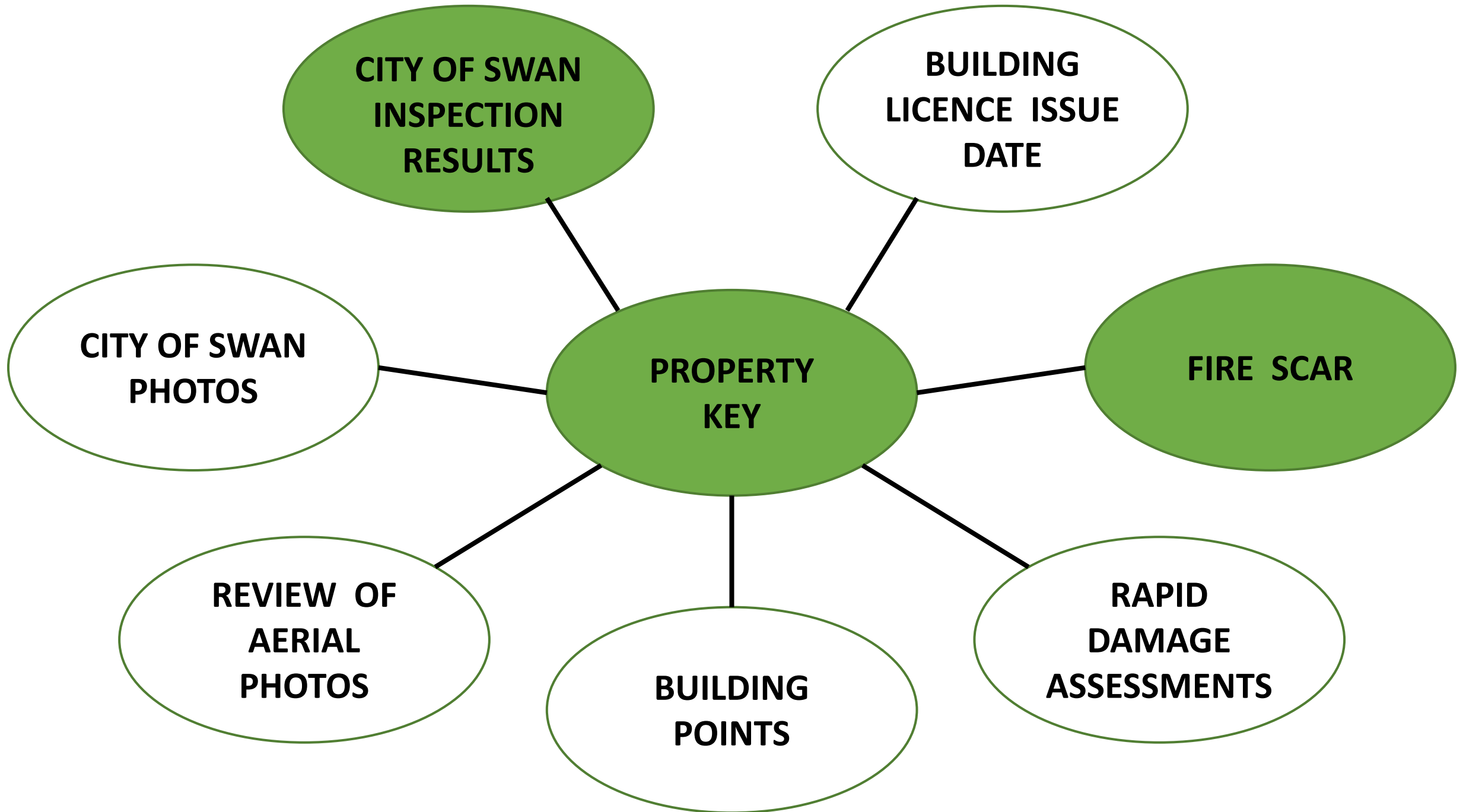














# How did we find the asbestos?

- City of Swan inspections
- RDAs
- Aerial imagery
- Building Permits
- Authority to act Forms
- Requests for sampling
- Self reporting
- Total 20 sites identified





# Where was the asbestos?

- Houses
- Sheds
- Sheep shelters
- Discarded asbestos





# Stabilising asbestos

- Whose role?





# Stabilising asbestos

- Who pays?





# Stabilising asbestos

- How?









# State Government Cleanup

- Scope





# State Government Cleanup

- Scope
- Priority





# State Government Cleanup

- Scope
- Priority
- Scale





# Improvements

- Form



# Improvements

- Form
- Procedure





# Improvements

- Form
- Procedure
- Sampling



# Improvements

- Form
- Procedure
- Sampling
- Signage





# Improvements

- Form
- Procedure
- Sampling
- Signage
- Share documentation



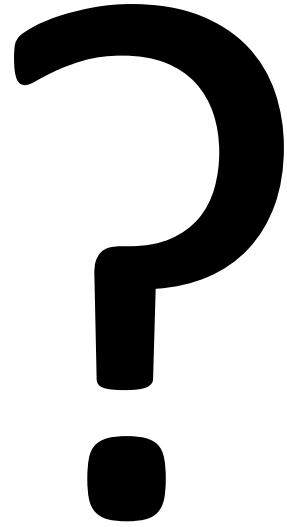
# Conclusions

- Be prepared
- Do the inspections
- Look for information
- Manage the data





Questions



- Data



# Hazards





# Environmental Health Concerns

- Housing





# Environmental Health Concerns

- Water Supply





# Environmental Health Concerns

- Effluent Disposal





# Environmental Health Concerns

- Housing
- Waste water
- Water Supply
- Asbestos













# Presentation Title Goes Here

Presentation Subtitle

---

Presenter Name/ Date

