The Notification and Edit Service (NES) for the NSW Rural Fire Service (RFS) is a sophisticated notification and feedback system which allows RFS operators to lodge with Land and Property Information (LPI), office and field edits of relevant feature data collected during field validation.

The NES was released in November 2013 and is one of several projects under LPI’s Comprehensive Property Addressing System (CPAS) Program.

The key objectives of CPAS include supporting the efficient and effective delivery of:

- emergency services
- post and utility services
- a range of government activities.

The NES project will assist LPI and the RFS to maintain and disseminate emergency response information, topographic and address related data.

Examples of data features include:

- buildings
- access points (gates, grids)
- water points (dams and tanks), storage type and access restrictions
- aircraft landing areas (helipad, airstrip)
- road segments (standard road, vehicular track)
- emergency service buildings assets (ambulance, police and fire stations)
- property address details.

Image of NES data collection screen
Benefits to the community
The NES provides enhanced data quality and more reliable spatial information for emergency services databases. Better data quality, such as storage capacity, access routes and location of static water points, enables quick and effective response times by the RFS to emergency situations.

Project outcomes
The NES project has provided:

- an enhanced spatial interface or platform for the verification and collection of LPI topographic features of interest to RFS
- popup forms on the spatial interface that allow users to record additional attributes and details of the feature of interest
- development of a staging database at LPI to store collected features and attribute data
- development of a workflow and quality assurance process to manage and track the processing of collected data by LPI spatial data editors
- delivery of the data from the staging database to RFS after processing
- notification and reporting processes suitable to inform and track the progress of NES requests
- user authentication and management
- session management.

Other NSW emergency services and land management organisations will be able to access and utilise the NES application in future.

More information
For more information on the CPAS program or NES project see the LPI website [www.lpi.nsw.gov.au](http://www.lpi.nsw.gov.au) or contact the Program Manager T: 02 8236 7136 or E: cpas@lpi.nsw.gov.au.