



***Hibbertia fumana* (a previously presumed extinct species in NSW), was identified within the Moorebank Logistics Park (MLP) in 2016.**

Qube has continued to improve the understanding of the population present, its local significance and the way in which it is conserved.



In Spring 2017, intensive targeted threatened flora surveys were carried out across the eastern side of Moorebank Logistics Park (MLP). These surveys resulted in a substantial number of additional threatened species records, including *Hibbertia fumana* in the Wattle Grove offset area. By increasing the understanding of the *Hibbertia fumana* population at MLP, it is now known that 10ha of occupied *Hibbertia fumana* habitat will be conserved and managed within this site.

In April 2018, a grass fire started in Leacocks Reserve (Casula) and spread across the MLP burning a substantial portion of bushland within the Biobanking site. The Department of Planning Industry and Environment, Energy and Science Division (DPIE EES) (formerly the Office of Environment and Heritage) Threatened Species Officer for *Hibbertia fumana* was invited to visit the population and observe the effect of the bushfire.

Following this site visit, a methodology for monitoring the post bushfire recovery of *Hibbertia fumana*, as well as the wider native bushland was developed in consultation with DPIE EES. This monitoring program has since been implemented and the results are encouraging.

The Spring/Summer 2019 monitoring event detected 14 regenerating *Hibbertia fumana* within formal monitoring plots with an additional 48 plants recorded immediately adjacent. It is anticipated the Spring/Summer 2020 monitoring event will yield greater numbers.

Qube engaged the Australian Botanic Garden Mount Annan to prepare a conservation strategy for *Hibbertia fumana*, outlining measures to conserve the species by establishing an offsite population in the Botanic Garden's nursery.

To establish this offsite population, stem cuttings and salvaged plants were collected in June 2018, two months after the bushfire, and taken to the plant nursery.

THE RESULTS HAVE BEEN POSITIVE AND THERE ARE NOW ALMOST 200 *HIBBERTIA FUMANA* PLANTS IN THE POPULATION READY TO PRODUCE CLONAL TUBE STOCK THAT WILL BE REPLANTED BACK ON SITE AT MOOREBANK LOGISTICS PARK.

A translocation plan is currently being finalized between Qube and the Australian Botanic Garden Mount Annan (ABGMA) for this purpose. The disused rail spur on the Eastern side of the precinct will be rehabilitated with the plan to relocate the plants in both Autumn 2022 and Autumn 2023.