

# Pollack Wetland Enhancement Project

## 2019/20 Weed control



Early autumn rains provided an excellent opportunity to locate weed and good conditions for herbicide control. Noxious weed control and survey was conducted simultaneously from 20<sup>th</sup> to 24<sup>th</sup> April 2020. The 450ha designated area was initially covered followed by a couple of locations outside the area where weeds were treated the previous year (see map Figure 1). All location weeds were treated in 2019 were inspected and weeds treated if present.

As in 2019 Bathurst burr *Xanthium spinosum* was the predominant species with a small number of young plants occurring in isolated locations. The low number and closeness of seedlings would indicate they originated from individual, adult plants. The location of the Bathurst burr seedling appeared to correspond to natural and managed flood line (see map Figure 1).

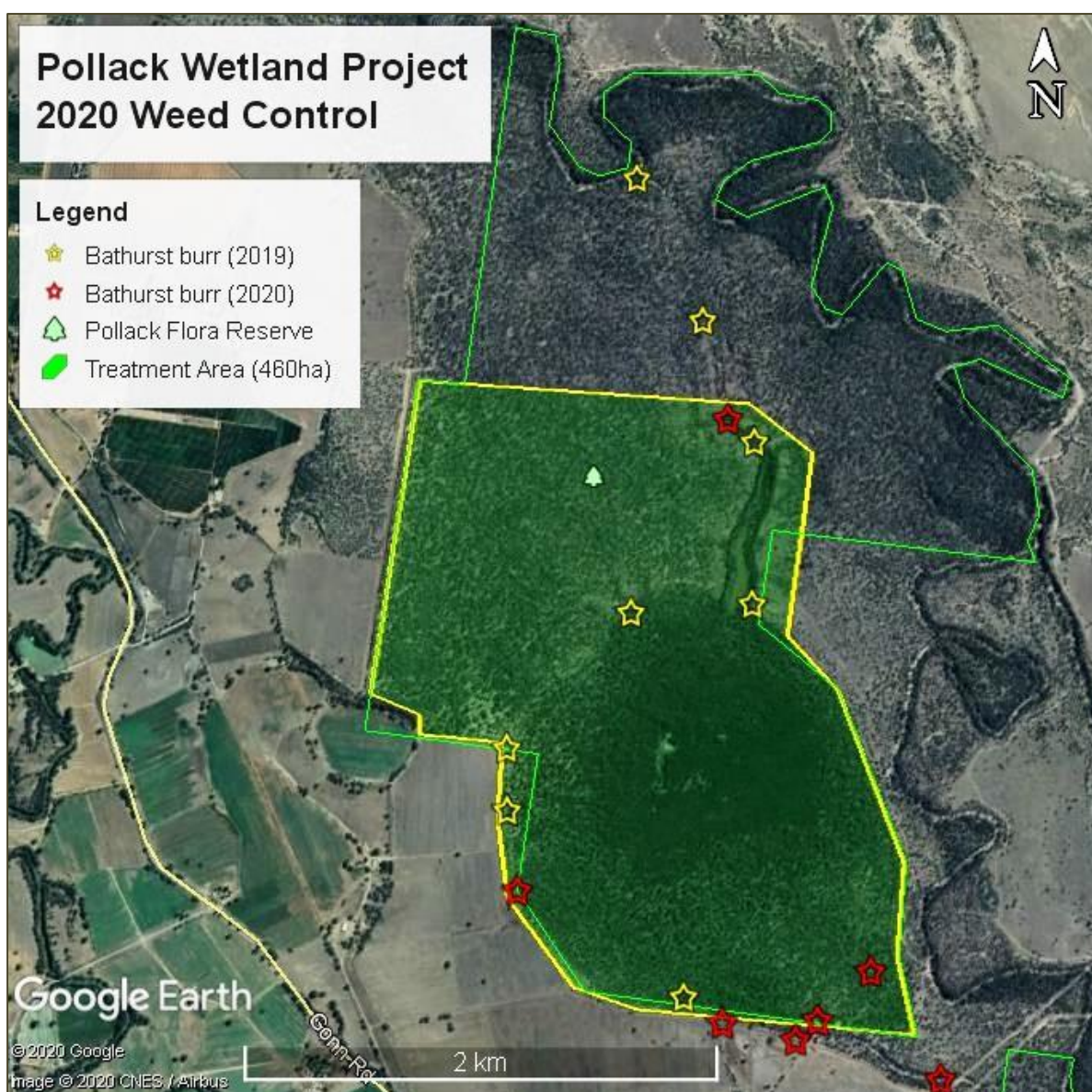


Figure 1: Map indicating the location of the 2019 follow-up and 2020 treated areas

Roundup Bioactive (Glyphosate 360g/L) was applied at 15ml/L via a backpack with a total of 2L used for the entire operation.

The operation was conducted by a three man crew contracted through the Moama Local Aboriginal Land Council. The activity provided an important opportunity for new crew members to gain experience in weed identification and control methods.

**Table 1: Species and location of treated plants**

<b>Year Treated</b>	<b>Weed Species</b>	<b>Easting</b>	<b>Northing</b>	<b>Datum</b>
2019 & 20	Bathurst burr <i>Xanthium spinosum</i>	241951	6059243	55 GDA 94
2019 & 20	Bathurst burr <i>Xanthium spinosum</i>	241103	6060138	55 GDA 94
2019 & 20	Bathurst burr <i>Xanthium spinosum</i>	241111	6060294	55 GDA 94
2019 & 20	Bathurst burr <i>Xanthium spinosum</i>	241638	6060851	55 GDA 94
2019 & 20	Bathurst burr <i>Xanthium spinosum</i>	242122	6060903	55 GDA 94
2019 & 20	Bathurst burr <i>Xanthium spinosum</i>	242143	6061617	55 GDA 94
2019 & 20	Bathurst burr <i>Xanthium spinosum</i>	241895	6062030	55 GDA 94
2019 & 20	Bathurst burr <i>Xanthium spinosum</i>	241617	6062756	55 GDA 94
2020	Bathurst burr <i>Xanthium spinosum</i>	242016	6061705	55 GDA 94
2020	Bathurst burr <i>Xanthium spinosum</i>	241192	6059667	55 GDA 94
2020	Bathurst burr <i>Xanthium spinosum</i>	242084	6059140	55 GDA 94
2020	Bathurst burr <i>Xanthium spinosum</i>	242397	6059079	55 GDA 94
2020	Bathurst burr <i>Xanthium spinosum</i>	242487	6059162	55 GDA 94
2020	Bathurst burr <i>Xanthium spinosum</i>	242706	6059372	55 GDA 94
2020	Bathurst burr <i>Xanthium spinosum</i>	243014	6058932	55 GDA 94