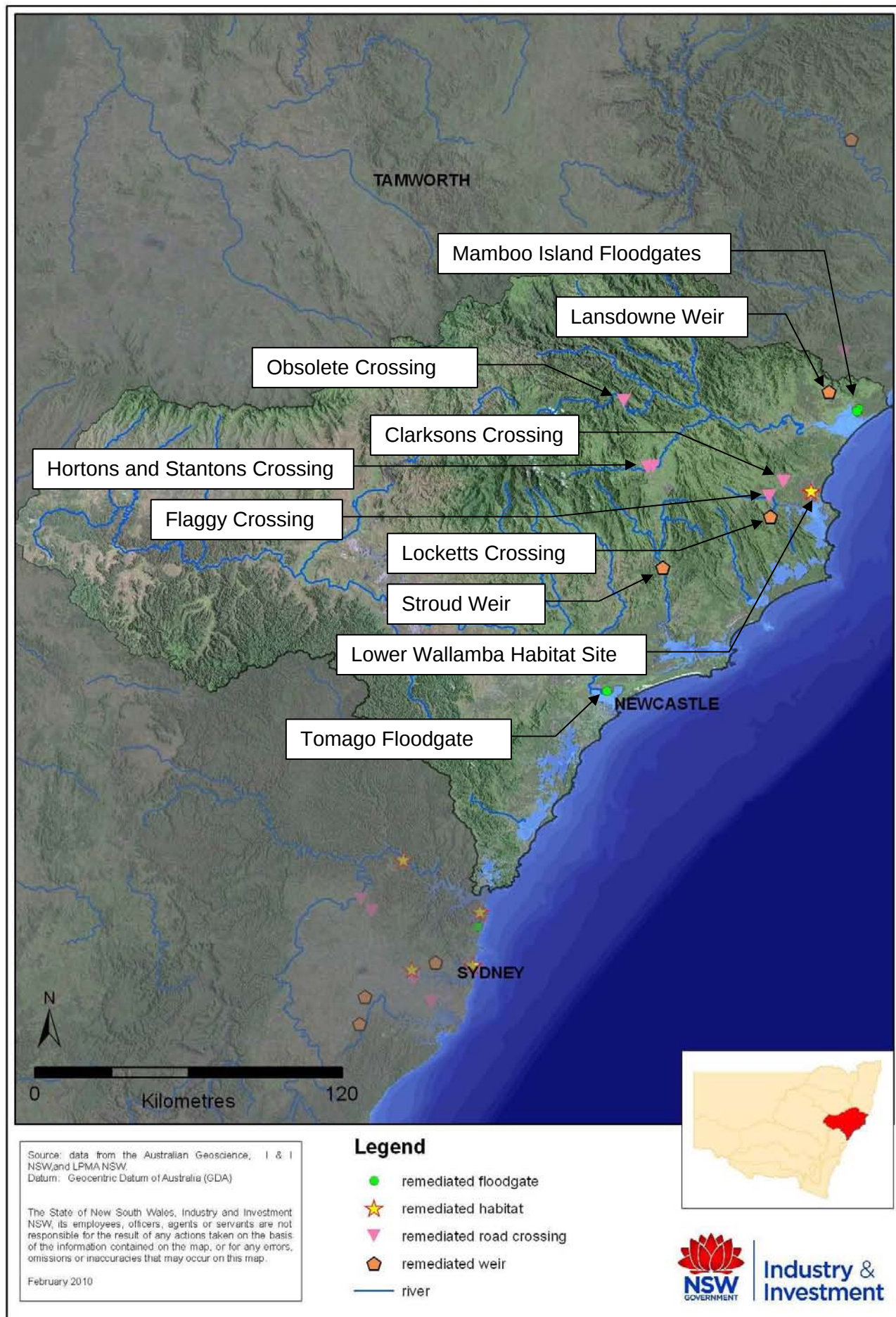
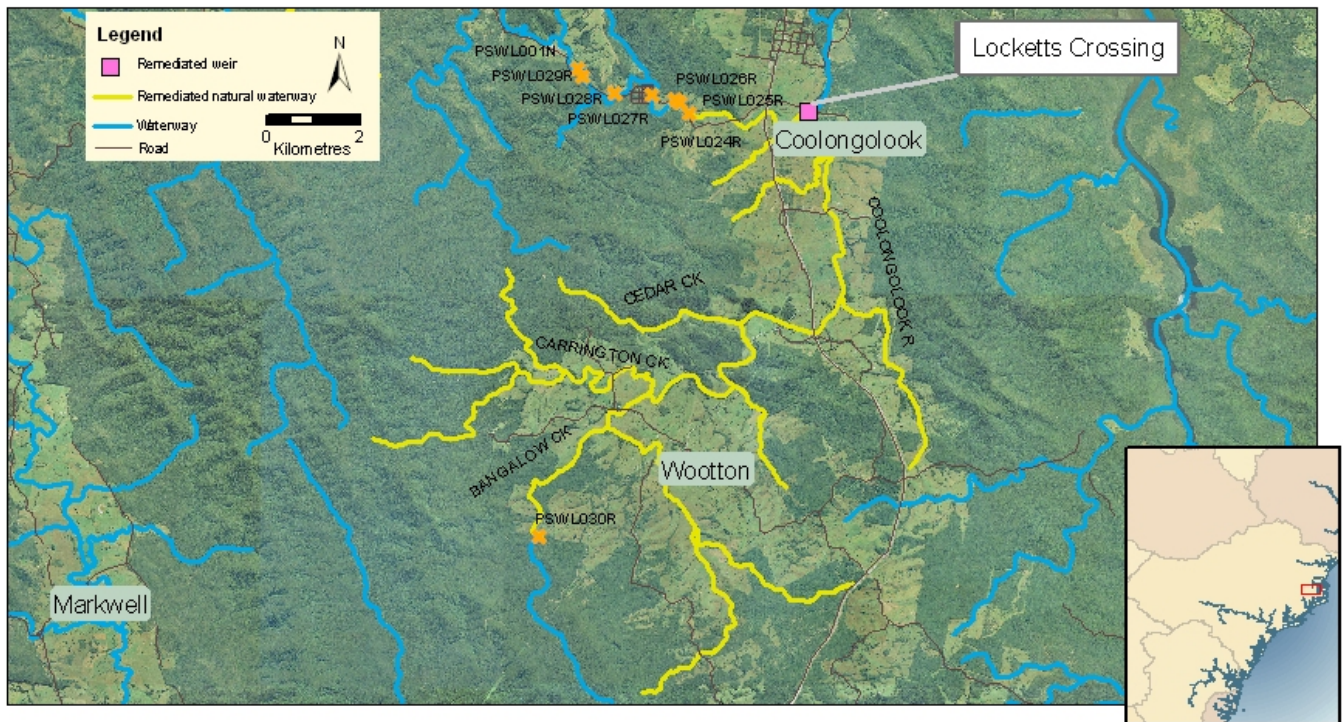


APPENDIX B: HUNTER / CENTRAL RIVERS CMA SITE SUMMARIES



LOCKETTS CROSSING, COOLONGLOOK RIVER

Locketts Crossing Road, Wallis Lakes



Remediation Works

- Causeway tidal barrage (40 m wide)
- Highest priority barrier in HCRCMA
- Headloss (750 mm) and flow depth barrier
- Partial-width rock-ramp fishway proposed with low-flow channel leading to large box culvert
- Works completed in winter 2009.

Remediation Benefits

- Improved access to 63 km
- Excellent riparian and instream habitat condition

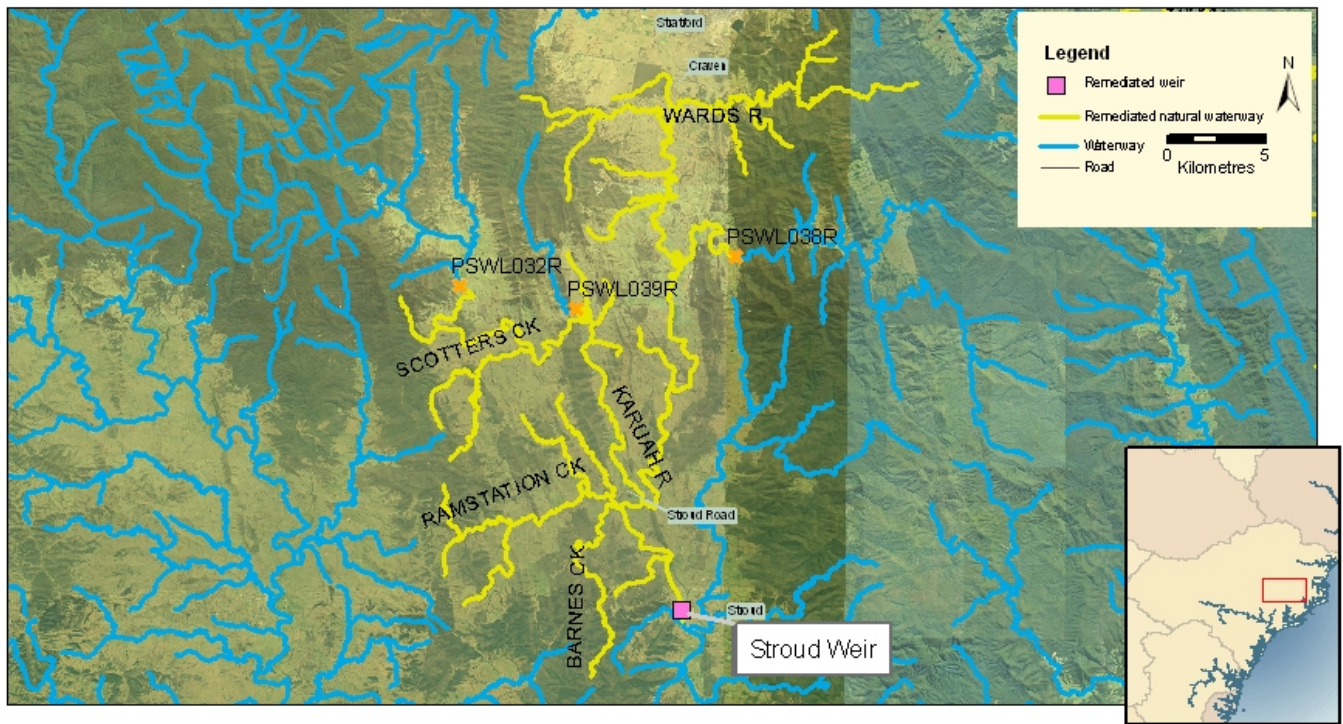
Project Costs

- Total expenditure - \$132,402
- In-kind funding - \$61,000

Partners

- Great Lakes Council, Australian Government CFCO, NSW Recreational Fishing Trust, Council of Freshwater Anglers, Streamline River Restoration

STROUD WEIR, KARUAH RIVER Karuah Catchment



Remediation Works

- Water supply weir for Stroud
- Highest priority barrier on Karuah River
- Headloss barrier - 1000 mm
- Full-width rock-ramp fishway proposed with low-flow channel
- Works completed in winter 2006.

Remediation Benefits

- Improved access to 235 km
- Fishway monitoring

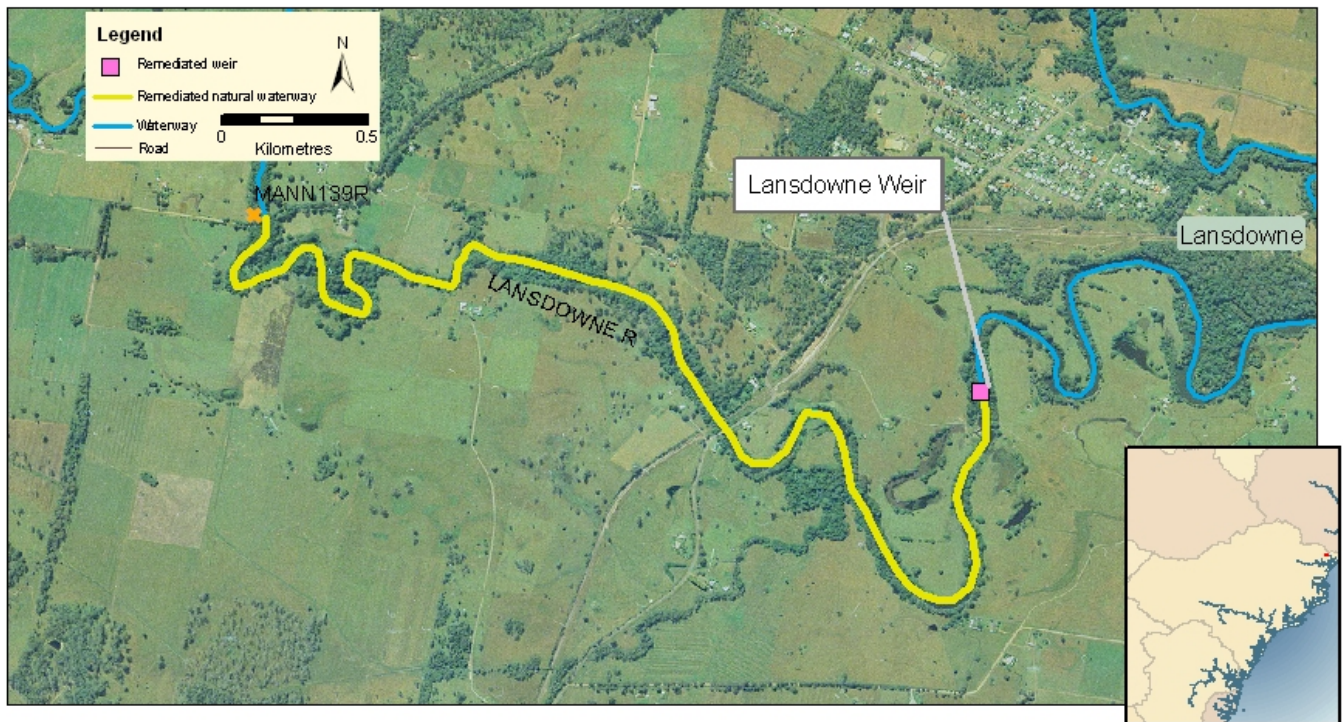
Project Costs

- Total expenditure - \$253,273
- In-kind funding - \$48,675

Partners

- Mid Coast Water, NSW Environmental Trust

LANDSDOWNE WEIR, LANDSDOWNE RIVER Manning Catchment



Remediation Works

- Water supply weir for Lansdowne
- Highest priority barrier on Lansdowne River
- Tidal barrage
- Bypass Rock-ramp fishway inserted in 2000, but weir design resulted in headloss barrier (400 mm) across top ridges of fishway due to debris accumulation.
- Alteration to weir invert to redirect base flows into fishway and provide improved fishway attraction flows.
- Works completed in Spring 2009.

Remediation Benefits

- Improved fish access to 5 km

Project Costs

- Total expenditure - \$33,910
- In-kind funding - \$15,000

Partners

- Mid Coast Water

CLARKSONS CROSSING, WALLAMBA RIVER

Old Pacific Highway, Wallis Lakes



Remediation Works

- Old Pacific Highway crossing
- Obsolete tidal barrage that limited saline ingress
- Headloss barrier – 350 mm
- Full removal of concrete causeway and regrading of remaining cobble material to reinstate the upstream water level for upstream irrigators.
- Works completed in August 2009.

Remediation Benefits

- Improved fish access to 3 km
- Revegetation of adjacent banks

Project Costs

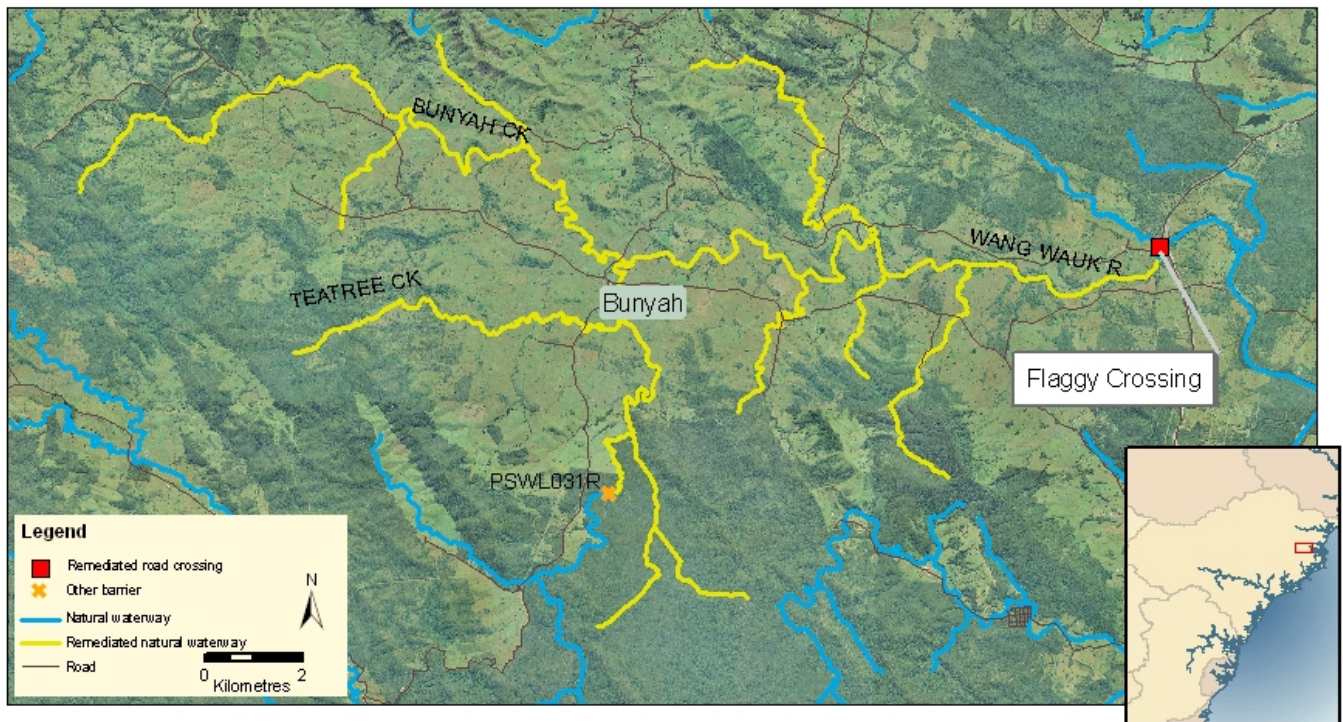
- Total expenditure - \$67,191
- In-kind funding - \$9,674

Partners

- Greater Taree City Council, Great Lakes Council, HCRCMA, LPMA, NSW Recreational Fishing Trust

FLAGGY CROSSING, WANG WAUK RIVER

Old Pacific Highway, Wallis Lakes



Remediation Works

- Old Pacific Highway crossing
- Obsolete tidal barrage that limited saline ingress
- Headloss barrier – 300 mm
- Full removal of concrete causeway and revegetation of adjacent banks
- Works completed over 2 days in July 2009.

Remediation Benefits

- Improved fish access to 85 km
- Revegetation of adjacent banks

Project Costs

- Total expenditure - \$8,914
- In-kind funding - \$6,540

Partners

- Greater Taree City Council, Foster LALC