

Russian River Estuary Management Project 2016 Summer Plans



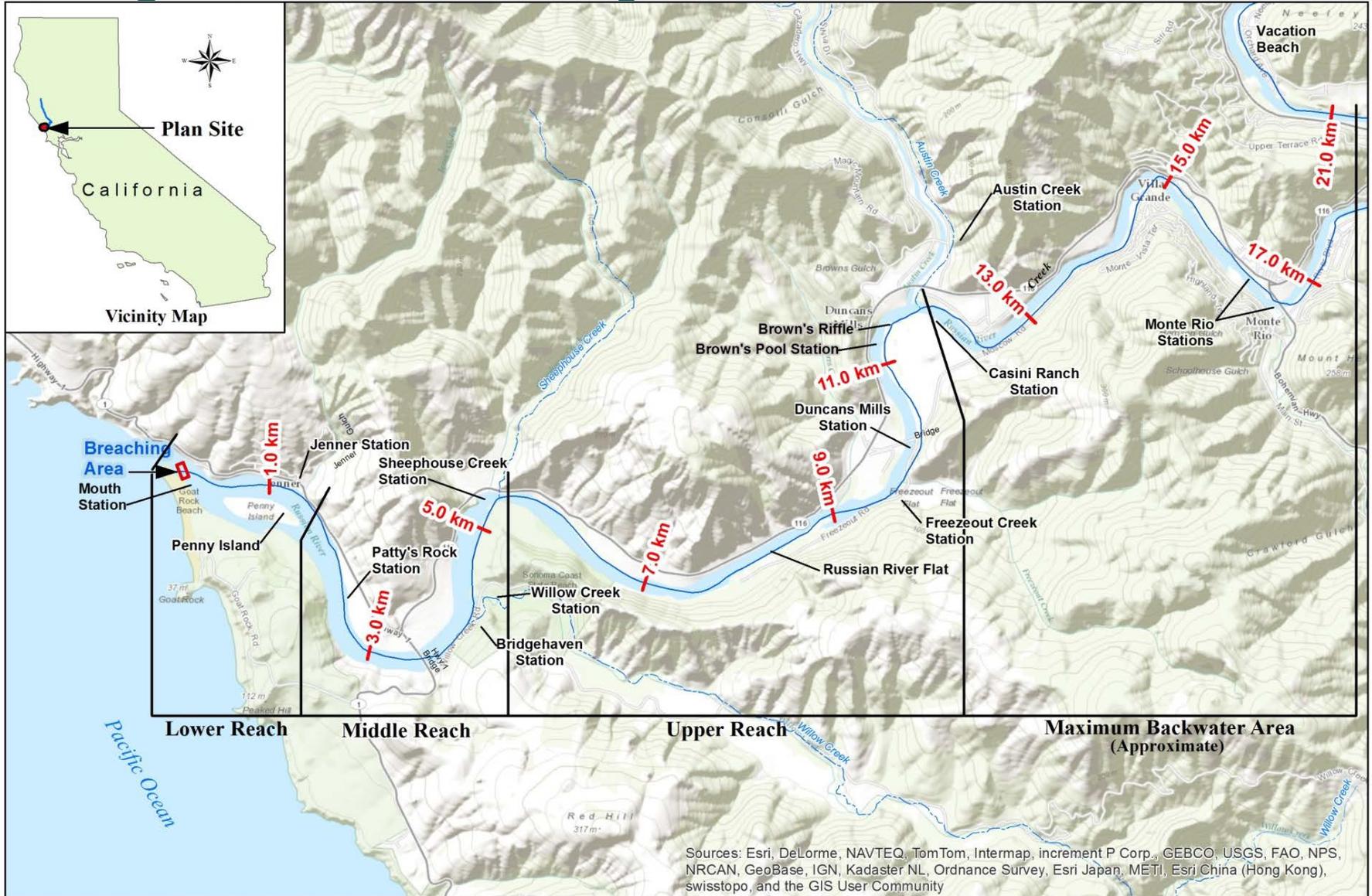
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Project Summary



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Beach Management Activities



Artificial breach

Outlet channel





2015 Summary - Physical Conditions

- 10 barrier beach closures, 3 breaching events
 - river discharge <100 cfs from July to Oct
 - wave energy again minimal in summer
 - relatively high wave events, during or following neap tides
- 2 barrier beach closures in management season, both self-breach



2015 Summary - December Closure



2015 Summary - Monitoring

- Fisheries
- Invertebrates
- Pinnipeds
- Water quality
- Physical process
- Reporting



2016 Lagoon Management Season

- Outlet Adaptive Management Plan
- Monitoring
- Physical conditions
- Habitat Blueprint



2016 – Fisheries Monitoring

- Downstream Migrant Trap
- PIT Antenna
- Seining Station

Austin Creek



Mainstem (Mirabel)



PIT Antennas



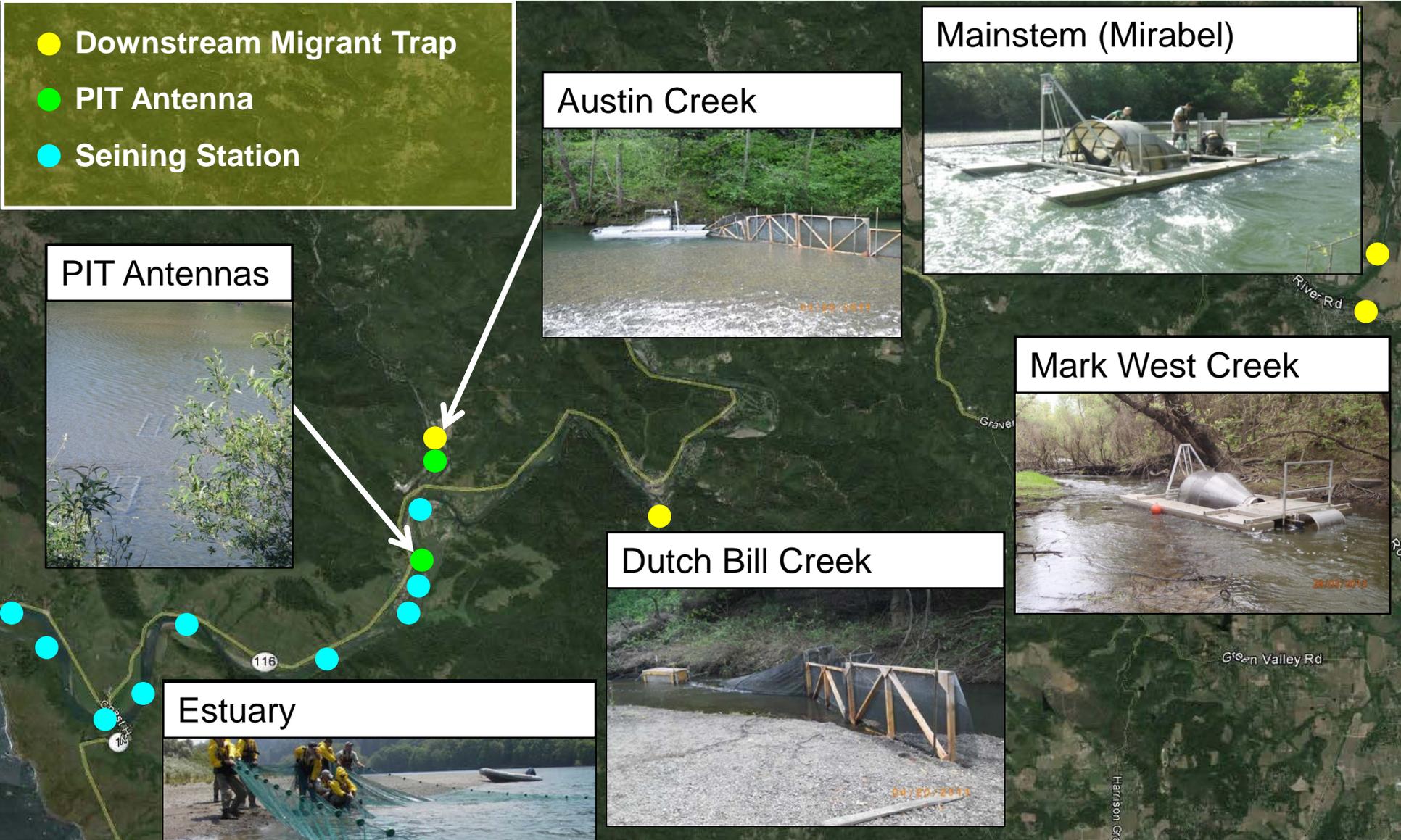
Mark West Creek



Dutch Bill Creek



Estuary



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