

Site Inspection notes. SFES Diagnostic number: 06-12

Location: Kew Cottages. Inspection of dying Bishop Pine (*Pinus muricata*) by Ian Smith on 15/2/2006 at request of John Ball. Initial inspections carried out by Rob Galbraith.

Symptoms: Tree dying off primarily on one side, although symptoms spreading across canopy. Symptoms suggest root problem. Some bleeding from trunk. Little evidence of any insect damage to trunk or branches.

Site description: Surface soils dry to the north and moist to the south, however both soil cores were very wet at 100cm depth. Either overwatered or leaking pipes. Mulch applied around tree.

Samples taken: Wood cores for nematodes and fungi. Cores resin soaked at base but were not coloured (no *Diplodia*). Soil samples taken @ 0-10, 20-30, 40-50 and 90-100cm, 2-3m from trunk to the north and south of the tree for presence of soil pathogens.

Report to: John Ball, Project Manager, Walker Corporation Pty Limited

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Resin bleeding at base

Resin on trunk

Wet soil @ 90-100 cm