

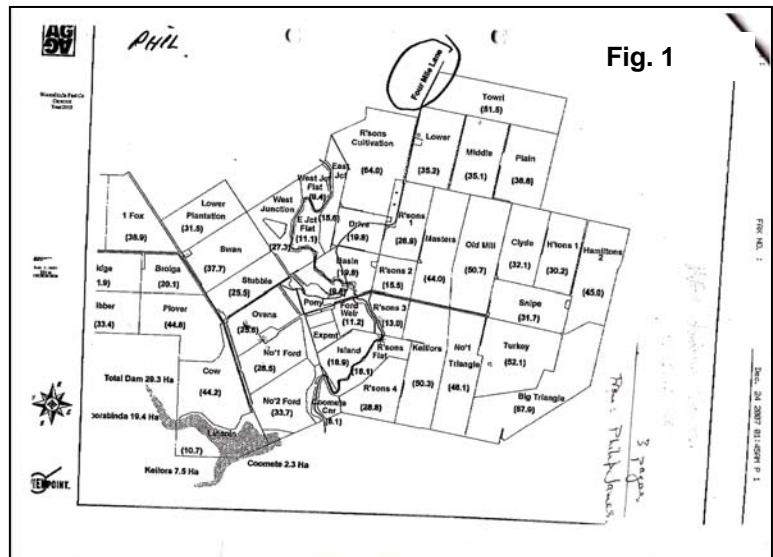
# Case Study

## Aqua-tech Dam & Pond Sealer



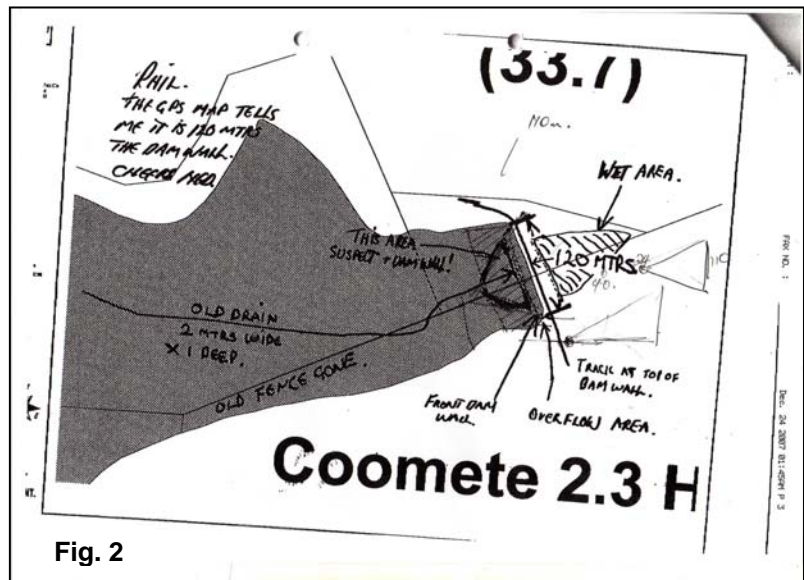
30/01/2009 Caramut VIC

**Situation:** This 900 mega-litre farm dam or lake as some would describe it is about 1.8km long and has a 120m wide dam wall which is 5.5m high. The map to the right highlights the shape of the dam as the shaded area at the bottom left. The dam was built in 2002 and took three years to fill. There is an old drain that runs through the dam wall.



**Problem:** The owner has indicated that he believes substantial water is being lost through seepage under the dam wall and through evaporation. The main wall was well built and he does not believe it is responsible for the seepage of water. Major losses of water are also evidenced by large wet areas on out side of dam wall. See figure 2 below. Owner believes that the water is working its way under the dam wall and resurfacing about 100m down the gully. The owner suspects that the base of the dam in front of the main wall was where the leak may be starting.

**Action:** Several discussions took place concerning the use of Aqua-Tech Dam & Pond Sealer and in particular how and where it would be applied. A 2500sqm area in front of the dam wall was identified for treatment. Figure 2 shows this spot as a triangular shape in the shaded area in front of the main dam wall. A dingy with an outboard motor was used along with a fertiliser spreader to disperse the product onto the water surface above the area to be treated. With each 20kg pale treating about 260sqm, 10 pales were used.



**Result:** The wet areas on the out side of the dam wall were almost dry after about three weeks. It appears that the seepage rate has reduced significantly. The customer has indicated that the product has made a difference.

For more information call Triox Pty Ltd on 1300 729 354.