Objectives

This voluntary TEP is seeking permission to temporarily exceed the water quality trigger values set in DA SPDE01611411 in order to seal the bund wall. While possibly exceeding the water quality trigger values for a short term, environmental harm by the activity is reduced, as the issue of a leaking bund wall will eliminate further loss of material which causes these exceedances on an on-going basis.

The objectives of this TEP are provided below:

1. Take action to prevent a reoccurrence of water quality trigger exceedances at sites QE4 and ST1 due to leakage of the bund wall.

2. Sealing of Bund A of the WBDA in the most time effective manner. Total length of sealing required = 900 lm extending from approximately KP 6300 to KP 7000. Material will be sought from the existing approved dredge areas of the Western Basin Strategic Dredging Project. To minimise the timing it is anticipated that 2 Cutter Suction Dredgers will be utilised, being CSD Al Mahaar and CSD Castor. The bund sealing rate has been calculated on an effective width of 50m and is dependent on the source material. Some material will be PASS, and it is intended to place all this material below SPRL including adjacent to the bund wall, where SPRL has been set at +2.4m LAT.

Reporting

GPC will submit a report to EHP on completion of milestones detailed in this TEP. At a minimum, status updates will be provided weekly against the proposed action list providing volume dredged and achieved linear metres of bund sealed.

Monitoring

GPC will maintain an extensive water quality monitoring regime, as detailed in, but not limited to, DA SPDE01611411.

GPC will maintain internal and third party audit/inspection processes as required by AS/NZS ISO14001:2004 and DA SPDE01611411.

Completion

This TEP is to remain in effect for 6 weeks. It is anticipated, dredging operations will take 30 days, however due to possible malfunction of the equipment, an additional 2 weeks are requested. The start would be date of approval and the completion date is the