

5 Equipment Required

- Excavator.
- Dozer.
- Grader.
- Pumpers truck with Hiab.
- Cranes for large diameter pipes.
- Lighting plant if necessary.
- Star pickets and delineators
- Signs.
- Life jackets are to be PFD 100 at a minimum

8.1 Standard to be achieved

8.1.1 Maintaining Pumps and Pipes

- If pump is on solid ground 1 person can work in sump area otherwise, if the pump is required to be accessed over water a minimum of 2 people are required to work in sump area (this may include 1 person working on the pump and 1 person working nearby in a dozer or dig unit that is aware of the person working on the pump, has radio communication with the person on the pump and maintains vision of the area while the person is on the pump).
- Notify OCE / Supervisor of need for access before entering area and on leaving area.
- Ensure risk assessments are performed (60 seconds for safety and/or JHA).
- conduct a Geotech Checklist when entering bodies of water where there is a risk of geotechnical failure to create an inrush risk
- If access to pontoon pump is by walkway a life jacket must be worn.
- If access to pontoon pump is by boat a life jacket must be worn and the boat skill must be held.
- PFD Must be worn at all times that persons are working on water
- Adequate lighting must be provided for work to be done – use flood lights on vehicle or supply a lighting plant or high intensity torch as appropriate.

9.6 Pumpers

Pumpers shall:

- (i) Install pump, pipes, fuel tank and lines according to this standard.
- (ii) Install pump, pipes, fuel tank and lines and boats where necessary according to the sump standard.
- (iii) Ensure life jackets are worn when getting into boats.
- (iv) Provide a boat at each major sump & when required.
- (v) Ensure risk assessments / Geological checklists are performed.

 Document Reference - MAC-PRD-STD-008