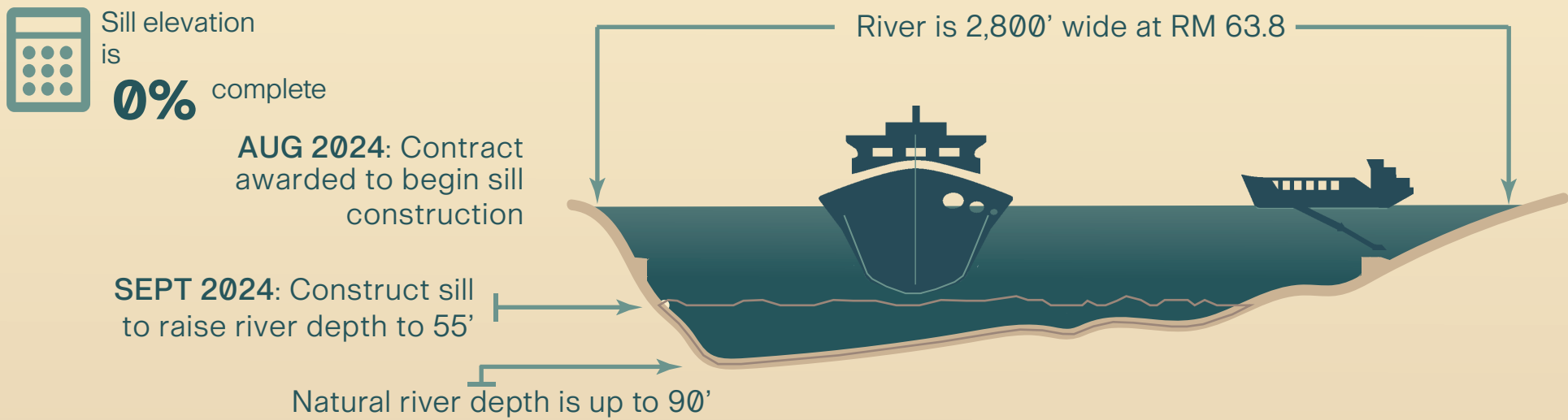


SALTWATER INTRUSION

EMERGENCY MANAGEMENT

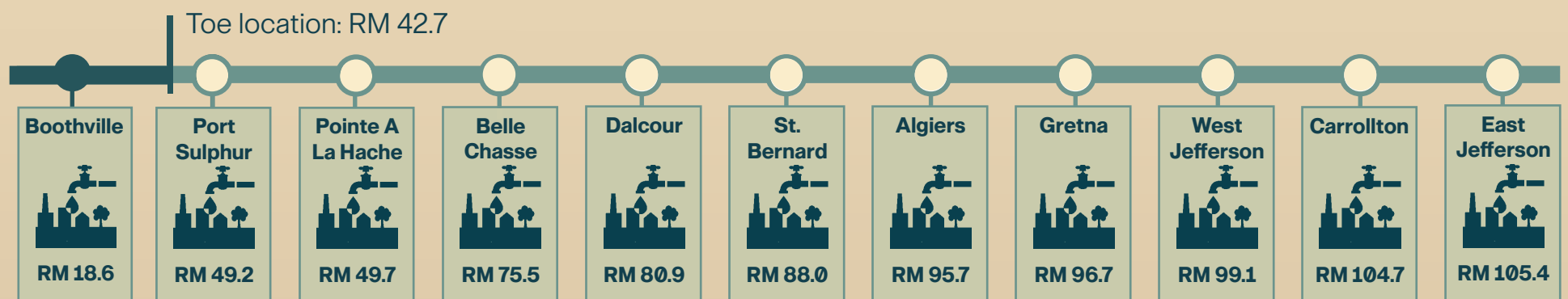
UNDERWATER SILL CONSTRUCTION

USACE will construct a sill to mitigate for the deep-draft channel's influence on saltwater intrusion during extreme Mississippi River low water events. USACE may augment the sill if necessary to further low progression of the saltwater intrusion.



TRACKING THE TOE

USACE tracks the forward most point of the saltwater wedge, known as the toe. This progression, combined with the National Weather Service forecast and benefits of the sill, is used to project a timeline of forward movement of the saltwater. This information is shared with partners and the public for planning purposes.



TECHNICAL ASSISTANCE

The New Orleans District is providing technical assistance and subject matter experts to the State of Louisiana and local parishes. This will help the local parishes better utilize existing infrastructure to supply drinking water to citizens.



WATER BARGING

USACE can fill barges with water upstream and transport to water treatment facilities in impacted areas. This water can be blending with water at the intakes to create safe chloride levels.



Current Activity

Per Louisiana Governor Jeff Landry's request for assistance, USACE is preparing for water barging operations in the event it becomes necessary.



REGULATORY

USACE uses alternative permitting procedures, when appropriate, to expedite processing of permit applications for emergencies.



R.O. SYSTEMS

Reverse Osmosis Water Purification Units can desalinate and produce water that is safe for drinking. R.O. systems can be used by smaller treatment facilities to meet their daily production requirements.



Current Activity

USACE is preparing to supply Reverse Osmosis Water Purification Units systems if necessary.

