HOUSTON WATER

WASTEWATER SYSTEM

➢ 39 Wastewater Treatment Facilities
➢ 383 Lift Stations
➢ 6,195 miles of pipes

DRINKING WATER SYSTEM

❖ 3 Surface Water Treatment Facilities
❖ 100 Groundwater Wells
➢ 7,144 miles of pipes

❖ Facility assessments are currently under contract.
FUNCTIONAL ASSET TESTS

FEMA DAMAGE DOCUMENTATION

STRATEGIC ASSET MANAGEMENT
WASTEWATER FACILITIES

- Wastewater Treatment Plants
- Lift Stations
ASSESSMENT

CONTRACTS
43 lump sum contracts
multiple contractors = quick timeline
$400K value, per contract
Total = $17.2M

FUNDING
Deferred CIP
Assessments for FEMA funded projects are reimbursable
DELIVERABLES

RECOVERY
- technical analysis & report
  - Harvey impact
  - repair cost and scope
- cost recovery documentation

RESILENCY
- technical analysis & report
  - codes & standards
  - hardening / mitigation
  - asset inventory assessment

Standardize Criteria and Internal QA/QC
STRATEGIC ASSET MANAGEMENT

DYNAMIC RISK-BASED SYSTEM TO PROVIDE DATA-DRIVEN PLANNING & DECISION MAKING
FEMA PROCESS + TIMELINE

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THANK YOU

questions?