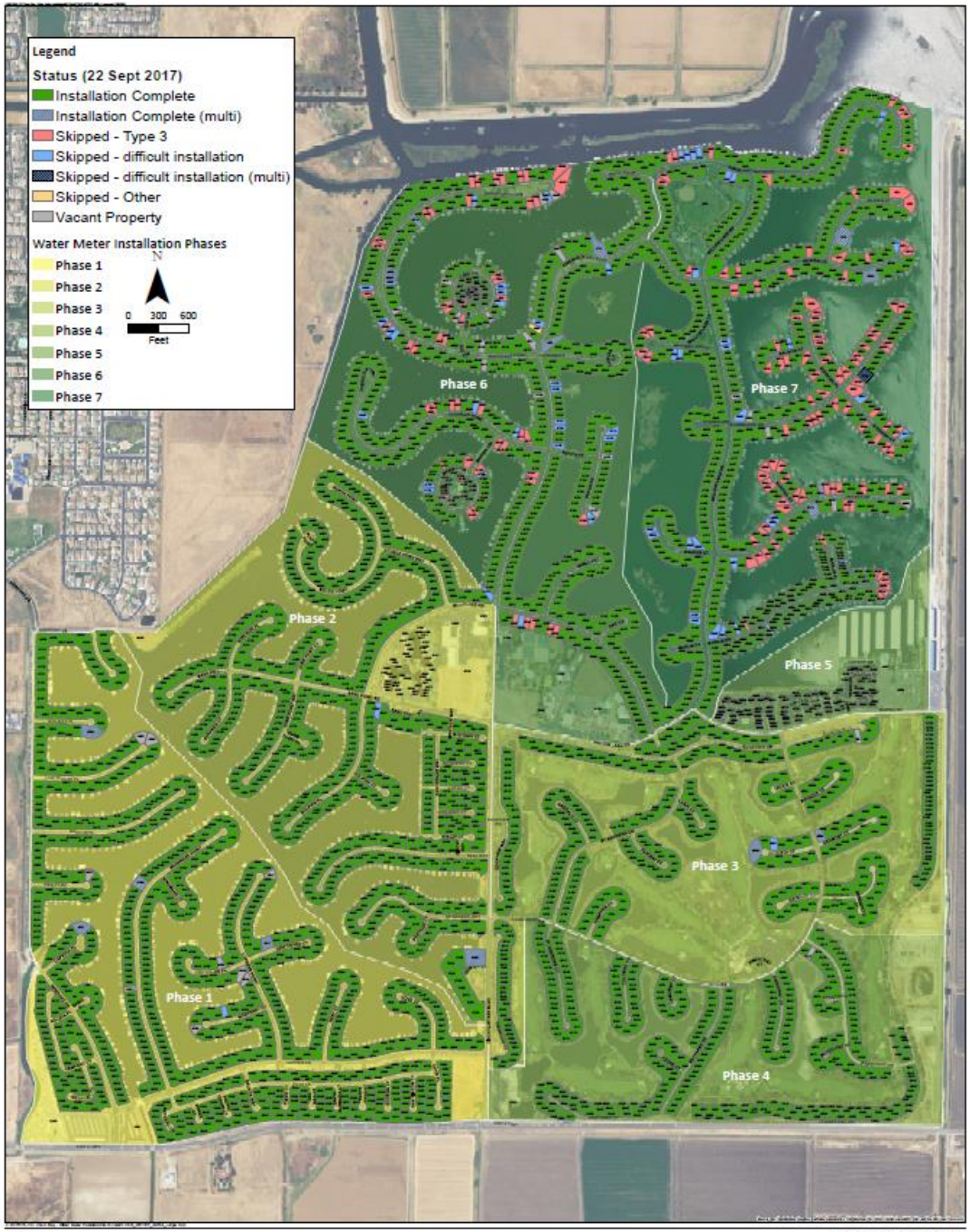
WATER METER INSTALLATION UPDATE

October 4, 2017

LUHDORFF & SCALMANINI
CONSULTING ENGINEERS



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Town of Discovery Bay
Water Meter Project Construction Phasing

At a Glance

- Construction started in February 2017
- 93% Complete for the entire project
- 3,267 water meters Installed as of 9/22/17
- 120 Working Days (not counting rain or infrastructure delays)
- First pass of Phases 1-7 completed on 8/2/17
  - Averaged 40 installations per day
- Second pass of skipped sites currently ongoing
  - Averaging 10 installations per day
- 232 remaining sites as of 9/22/17
- Phase 7 begins in the next couple of weeks
- Final completion projected in 4-6 weeks

Meter Type

As of September 22, 2017:

- 303 Meter Type 1 – drop in ready
- 2,558 Meter Type 2 – Replumb softscape
- 351 Meter Type 3 – Replumb hardscape

- 232 Skipped Installations
  - 165 – Type 3 (for concrete phase)
  - 67 – Difficult (various reasons)
- 59 pour-backs taking place this week

Meter Installation Costs

- Bid Amount $1,391,490

- To-Date Meter Installation Billing Totals
  - $1,227,633 billed contract work
  - $73,126 Change Orders (resident property costs)
  - 460 properties had unique issues
  - Examples: mailbox or fence removal, bush or tree removal, excessive customer tree roots, customer irrigation pipe or service pipe conflicts

Infrastructure Repairs

- Repairing District-owned facilities
- Angle Meter Stops (AMS) and Manifolds
- Leaky or failed frozen
- 438 properties have had failed manifolds or AMS valves (13% failure rate)
- Necessary and separate from meter project
- Infrastructure Reserve Fund
- Total District repair costs to-date $594,131
- District will have accurate database and GIS repair records of upgraded infrastructure

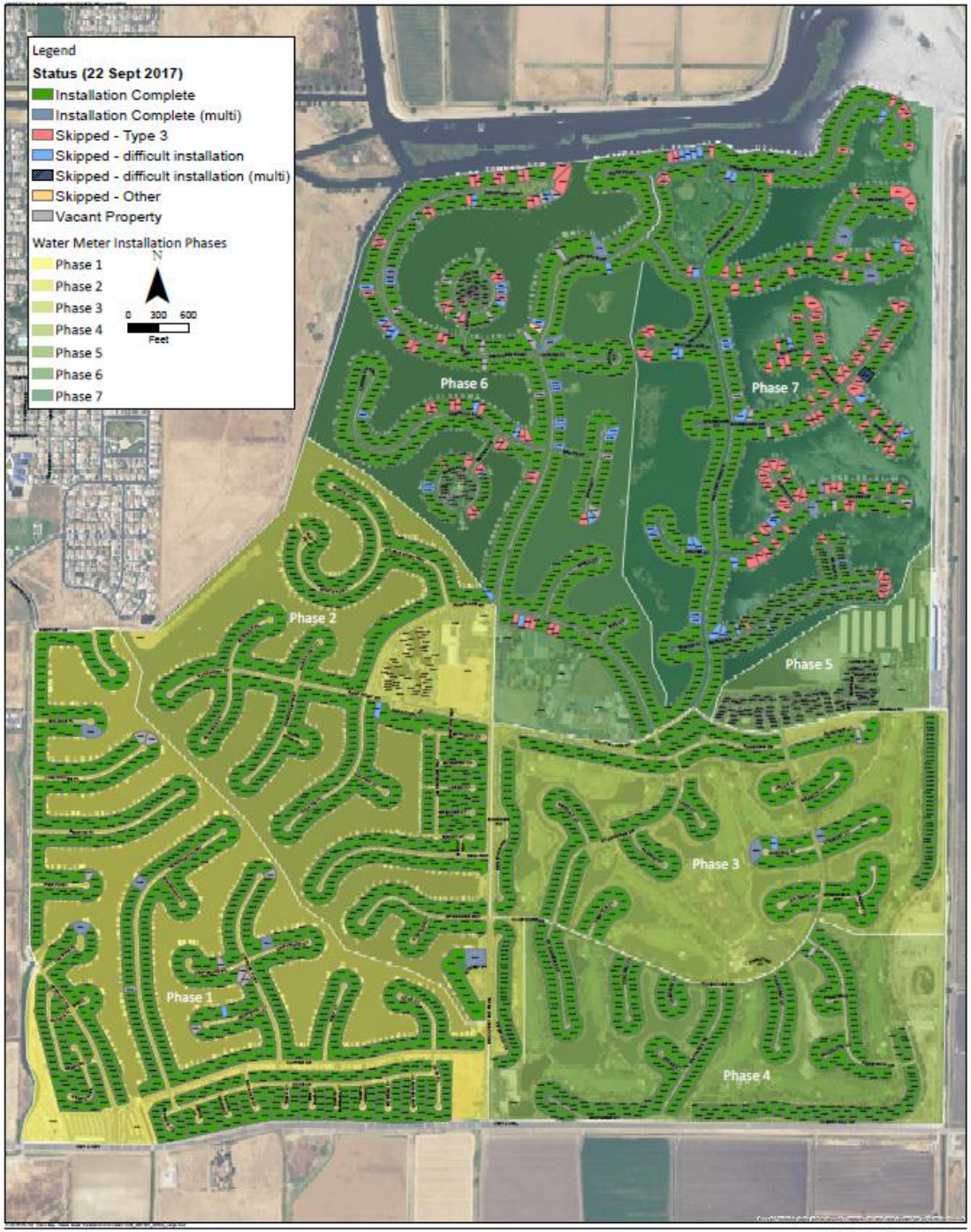
Next Stage of Work

Complete the 232 Skipped properties

- 165 Type 3 - concrete phase
- 67 Difficult (skipped for various reasons)
- (59 will be completed this week)

- District is actively working with homeowners for upcoming Type 3 concrete work specific site coordination for difficult installations

- Phase 6 to be completed in next two weeks
- Final completion projected to be in November (weather permitting)



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Thank you