

Baseline Housing Field Work Updates

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EWR Collaborative
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CADMUS

MMP
MORGAN MARKETING PARTNERS

Consumers Energy
Count on Us

NAVIGANT

DTE


EMI CONSULTING

**Due to COVID 19, Cadmus
paused field work on the
Baseline Housing Study. Work
continued on the analysis, initial
results conclude that more data
is needed on multifamily homes.**

Current Achieved Precision

- Overall precision is 11%
- Target to achieve 90% confidence and 20% precision within strata
- Currently we achieved the needed precision on SF homes
- We are projecting we need an additional 41 MF homes to achieve 90/20 within strata.

Strata	Current Sample	Relative Precision	Precision Status
Southern Multifamily(MF)	33 units	(1 - 21%)	Not Achieved
Southern Single Family(SF)	44 homes	(3 - 13%)	Achieved target
Northern Multifamily(MF)	27 units	(5 - 31%)	Not Achieved
Northern Single Family(SF)	36 homes	(3 - 11%)	Achieved target

Implement Health Screening and Best Practices

- Tracking and Documentation
- Staff and Customer Screening
- Social Distancing and Hygiene
- Proper PPE & Training

Key Changes

- **Designate Safety Coordinator**
 - Maintain records of customer interactions and health screening.
- **Customer Screening**
 - Screen customers to confirm no one in their household has tested positive for COVID-19 in the past 45 days.
- **Staff Screening**
 - Staff will fill out a questionnaire and conduct a self-temperature check.
- **Post Visit Monitoring**
 - Cadmus field staff will monitor their health for 14 days following field visits.
- **Save Work Requirements**
 - Social distance when possible
 - Provide and use PPE, handwashing pre/post visit
 - Disinfecting work surfaces

Customer Recruitment

- Inform customers
- Set expectations
- Increase Incentive

Key Changes

- **Conduct Additional Recruitment**
 - We expect many customers already recruited may no longer be available or interested
- **Update Recruitment Materials**
 - Inform customers of our safety protocols
 - Increase base incentive to \$200
- **Update Scheduling Materials**
 - Ask customers to social distance during the visit
 - Conduct customer interview over the phone

Travel Procedures

- Minimize Risk
- Reduce Exposure

Key Changes

- **Solo site visits**
 - Staff will travel and work alone
 - Two staff will be working independently
- **Utilize Small RV's**
 - Class B RV's Campervans
 - Provides staff control of their environment
 - Reduces the need to eat out
- **Vehicle Travel to MI**
 - Staff drive instead of public transport
- **Staff remain in MI for extended periods**
 - Reduces travel exposure and cost

- Cadmus, Consumers Energy or DTE may choose to cancel the visits at any time.
- Confirmed exposure of staff, Staff will quarantine and discontinue visits

Timeline

<p>Conduct final site visits</p> <p>Analysis timeline incorporates removing thermostat loggers, and requesting billing analysis.</p> <p>Report main phase findings for the 2022 MEMD</p>	July 2020	August 2020	September 2020	October 2020	November 2020
	Recruit Additional Customers	Site Visits		Finalize Analysis	
	December 2020	January 2021	February 2021	March 2021	June 2021
	Finalize Analysis		Present Main Phase Study Findings	Submit Whitepaper	Present Whitepaper with Furnace Metering findings

Thank you, Questions?

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