

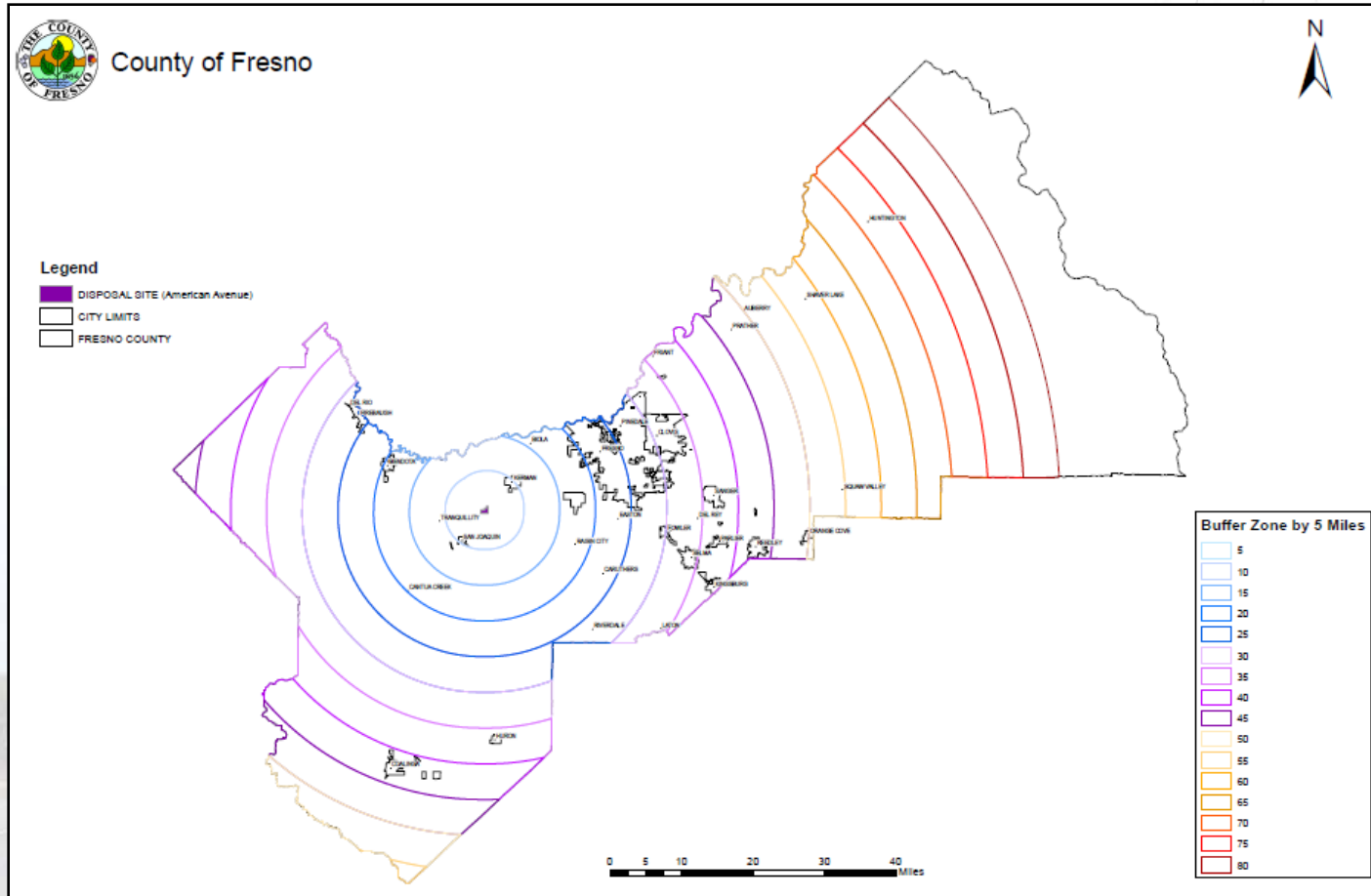
# THE ROAD TO THE FACILITY

## Utilizing Data Collection for HHW Program Planning



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COUNTY OF FRESNO**

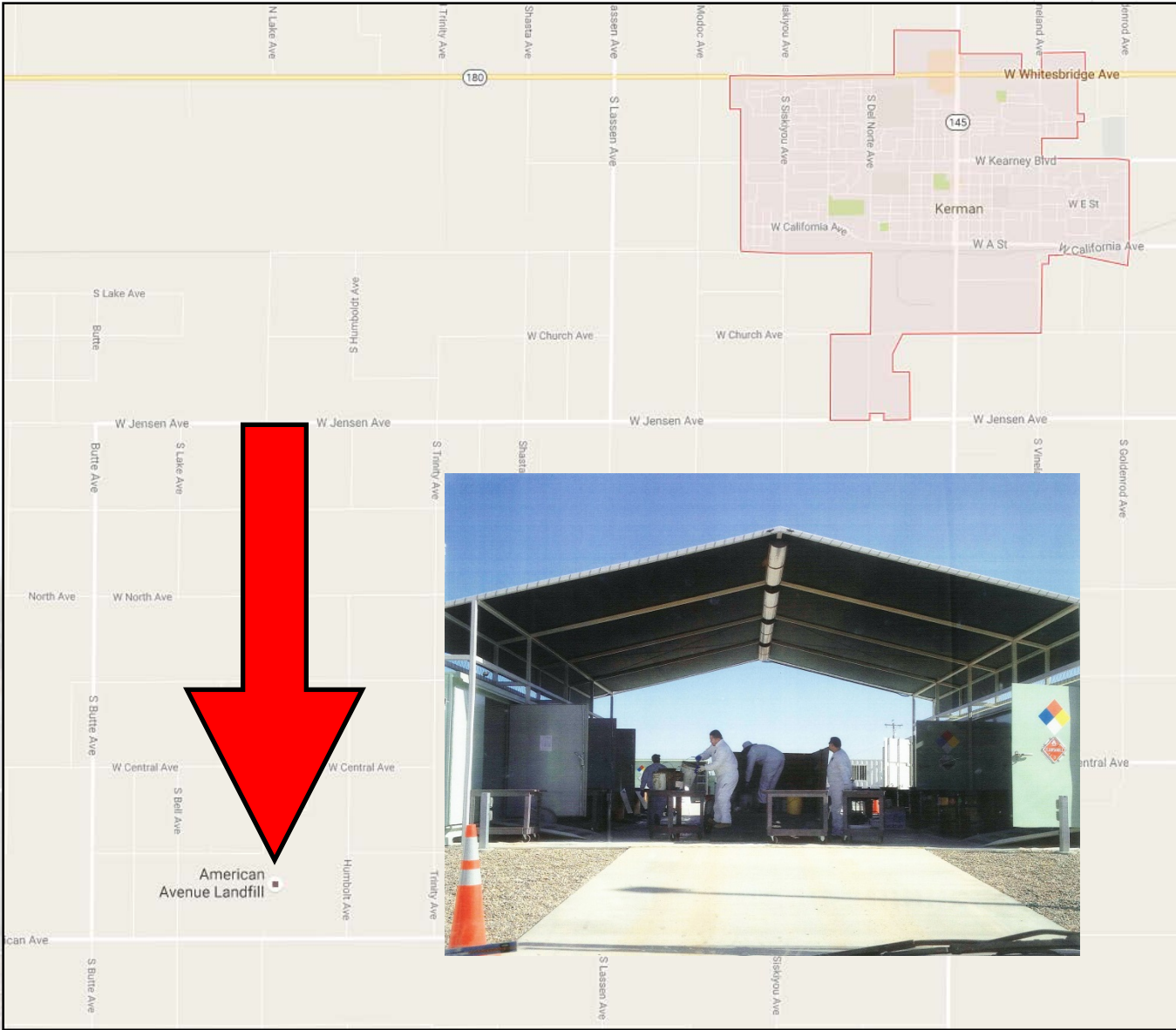
# WHERE IS FRESNO COUNTY?



## ABOUT FRESNO COUNTY

- **LAND MASS: APPROXIMATELY 6,000 SQUARE MILES**
- **2015 CENSUS ESTIMATED: 974,861**
- **APPROXIMATE NUMBER OF LANGUAGES SPOKEN: 39**
- **POPULATION SPEAKING LANGUAGE OTHER THAN ENGLISH: 44%**

# WHERE IS THE HHW FACILITY?



# HISTORY OF THE FACILITY

- **STAFF ATTEMPTS TO SITE THE FACILITY PREVIOUSLY.**
  - Staff identified 59 locations throughout County
    - Industrial/Warehouse Sites
    - California State University, Fresno
    - Transfer Stations
  - Staff Encountered “NIMBY” Resistance From Community.
- **Final Location: American Avenue Disposal Site**
  - County controlled within the footprint of a County facility.
  - Secure location with controlled access.

# NIMBY FEARS OF HHW FACILITIES



# NIMBY FEARS OF HHW FACILITIES



# THE REALITY OF HHW



# THE REALITY OF HHW FACILITIES





# COUNTY'S CHALLENGES

- **CONVENIENCE**
  - Distance to Facility from Jurisdictions
- **LAND MASS**
  - 6,000+ Square Miles
  - Mountains, Foothills, Dense Populations, Sparse Populations/CDPs, Agriculture/Ranch land use
- **DISPERSED POPULATIONS**
- **LANGUAGE DIVERSITY**
  - Spanish | Español
  - Hmong | Hmoob
  - Other Indic Languages
    - Punjabi | ਪੰਜਾਬੀ ਦੇ
    - Hindi | हिंदी
  - Laotian | ລາວ



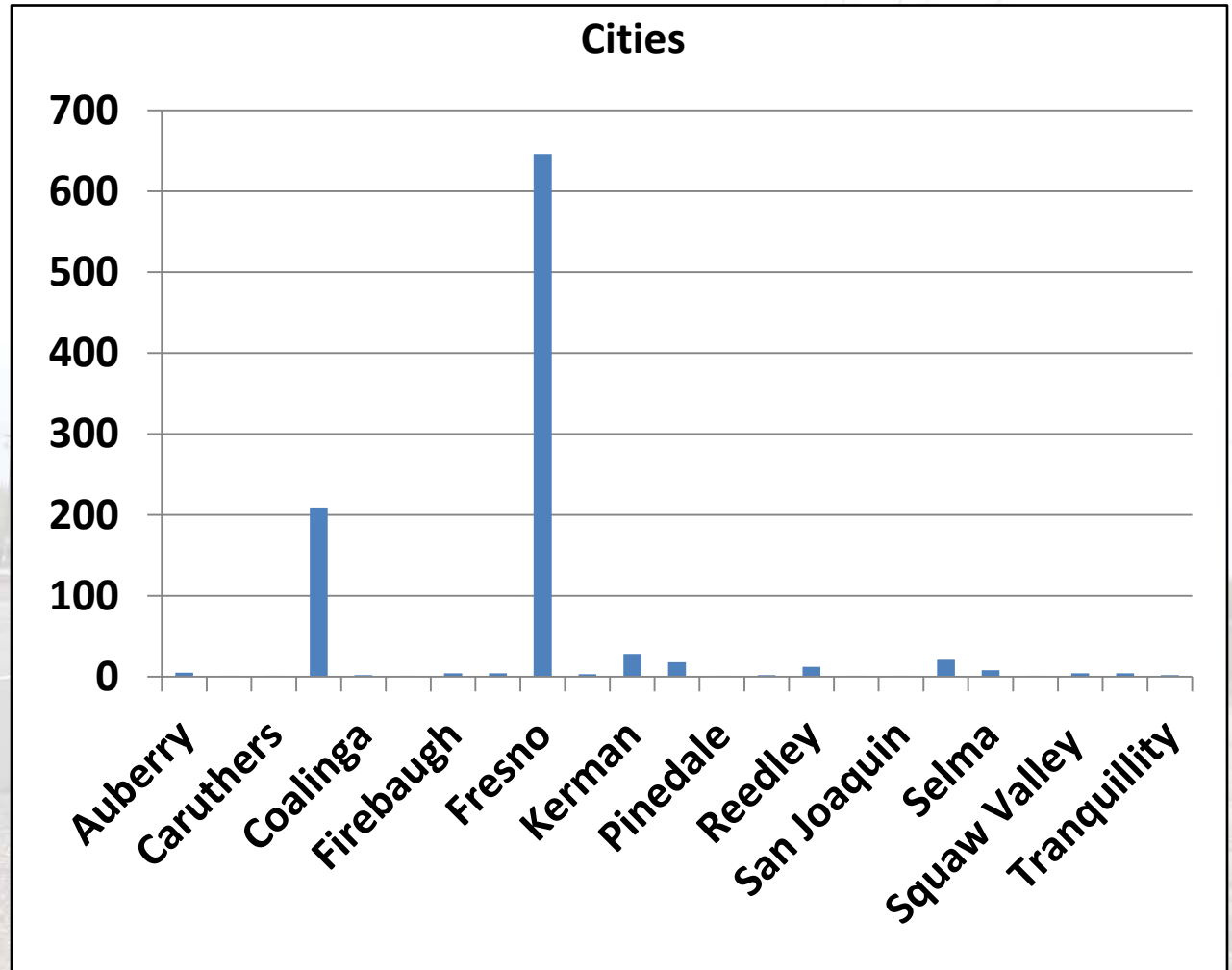
# FACILITY EXIT SURVEY

**“CREATING A PATHWAY TO IMPROVED SERVICES”**

| <b>HHW Facility Participation Log</b>   |  |   |
|---|--|---|
| <b>Date</b>   | <input type="checkbox"/> <b>Business</b> <input type="checkbox"/> <b>Residential</b> | <b>First time visit:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No                                       |
| <b>Gender:</b> <input type="checkbox"/> Male <input type="checkbox"/> Female  |  | <b>Age:</b> <input type="checkbox"/> Under 30 <input type="checkbox"/> Between 30 & 60 <input type="checkbox"/> Over 60 |
| <b>Primary Language:</b> <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> Cambodian <input type="checkbox"/> Hmong <input type="checkbox"/> Lao <input type="checkbox"/> Punjabi <input type="checkbox"/> Other |  |   |
| <b>Distance traveled to site:</b> <input type="checkbox"/> Less than 10 miles <input type="checkbox"/> Between 10-25 miles <input type="checkbox"/> Between 26-40 miles <input type="checkbox"/> Over 40 miles  |  |   |
| <b>How did you hear about the HHW Facility? (Check all that apply):</b> <input type="checkbox"/> Community Event <input type="checkbox"/> Radio/TV <input type="checkbox"/> Utility Bill  |  |   |
| <input type="checkbox"/> Apartment manager <input type="checkbox"/> Email <input type="checkbox"/> Friend/Family <input type="checkbox"/> Moving company <input type="checkbox"/> Newspaper   |  |   |
| <input type="checkbox"/> Recycling directory <input type="checkbox"/> Postcard <input type="checkbox"/> Real Estate agent <input type="checkbox"/> Online /Website <input type="checkbox"/> Other: _____  |  |   |
| <b>HHW Brought In (Check all that apply):</b>   |  |   |
| <input type="checkbox"/> Vehicle batteries <input type="checkbox"/> Household batteries (rechargeable and not rechargeable) <input type="checkbox"/> Ballasts, fuses, etc.  |  |   |
| <input type="checkbox"/> Appliances (small) <input type="checkbox"/> Auto fluids (not oil) <input type="checkbox"/> Computer monitor/TV <input type="checkbox"/> Craft/Art supplies <input type="checkbox"/> Paint  |  |   |
| <input type="checkbox"/> Household cleaners <input type="checkbox"/> Pool chemicals <input type="checkbox"/> Sharps (lancets/needles) <input type="checkbox"/> Waste oil <input type="checkbox"/> Gasoline  |  |   |
| <input type="checkbox"/> Propane tanks (bbq, camping) <input type="checkbox"/> Fluorescent bulbs/tubes <input type="checkbox"/> Repairs (glues, caulk, etc.)  |  |   |
| <input type="checkbox"/> Yard chemicals (Pesticides, fertilizer, etc.) <input type="checkbox"/> Thermostat/Thermometer <input type="checkbox"/> Treated wood/Railroad ties  |  |   |
| <input type="checkbox"/> Household chemicals (Bug killer, air freshener, etc.)   Other: _____   |  |   |
| <b>Please tell us how we are doing:</b>   |  |   |
| <input type="checkbox"/> Excellent <input type="checkbox"/> Very Good <input type="checkbox"/> Average <input type="checkbox"/> Needs Improvement <input type="checkbox"/> Poor   |  |   |
| Comments:   |  |   |
| <b>I hereby declare under penalty of perjury that this material is household hazardous waste and that I am the generator.</b>   |  |   |
| <b>Print Name:</b>  |  | <b>Signature:</b>   |
| <b>Address</b>  | <b>City</b>  | <b>Zip</b>  |

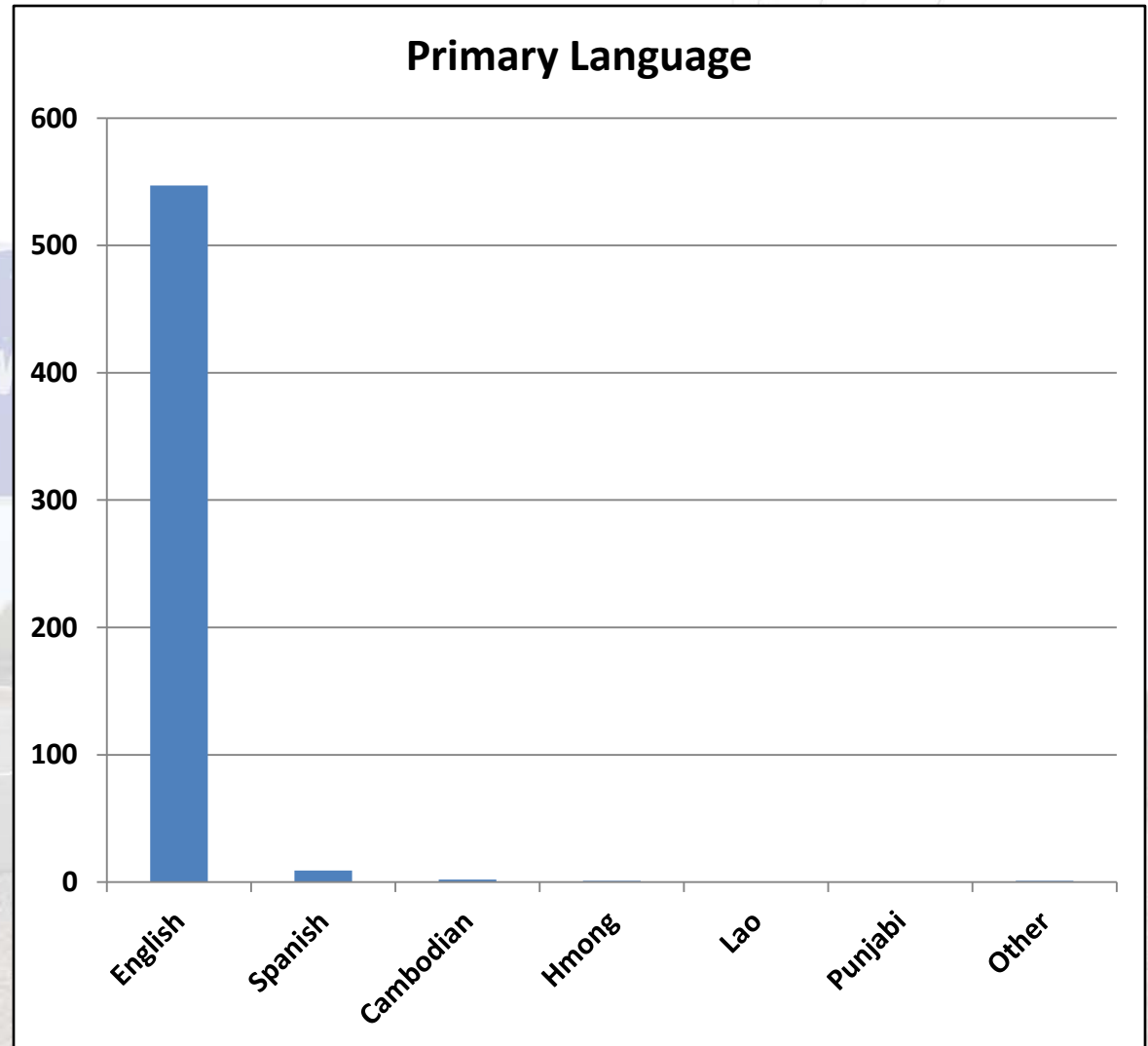
# PARTICIPATION – BY JURISDICTION

| CITY         | PARTICIPANTS |
|--------------|--------------|
| Auberry      | 5            |
| Cantua Creek | 1            |
| Caruthers    | 1            |
| Clovis       | 209          |
| Coalinga     | 2            |
| Del Rey      | 1            |
| Firebaugh    | 4            |
| Fowler       | 4            |
| Fresno       | 646          |
| Friant       | 3            |
| Kerman       | 28           |
| Kingsburg    | 18           |
| Pinedale     | 1            |
| Prather      | 2            |
| Reedley      | 12           |
| Riverdale    | 1            |
| San Joaquin  | 1            |
| Sanger       | 21           |
| Selma        | 8            |
| Shaver Lake  | 1            |
| Squaw Valley | 4            |
| Tollhouse    | 4            |
| Tranquillity | 2            |



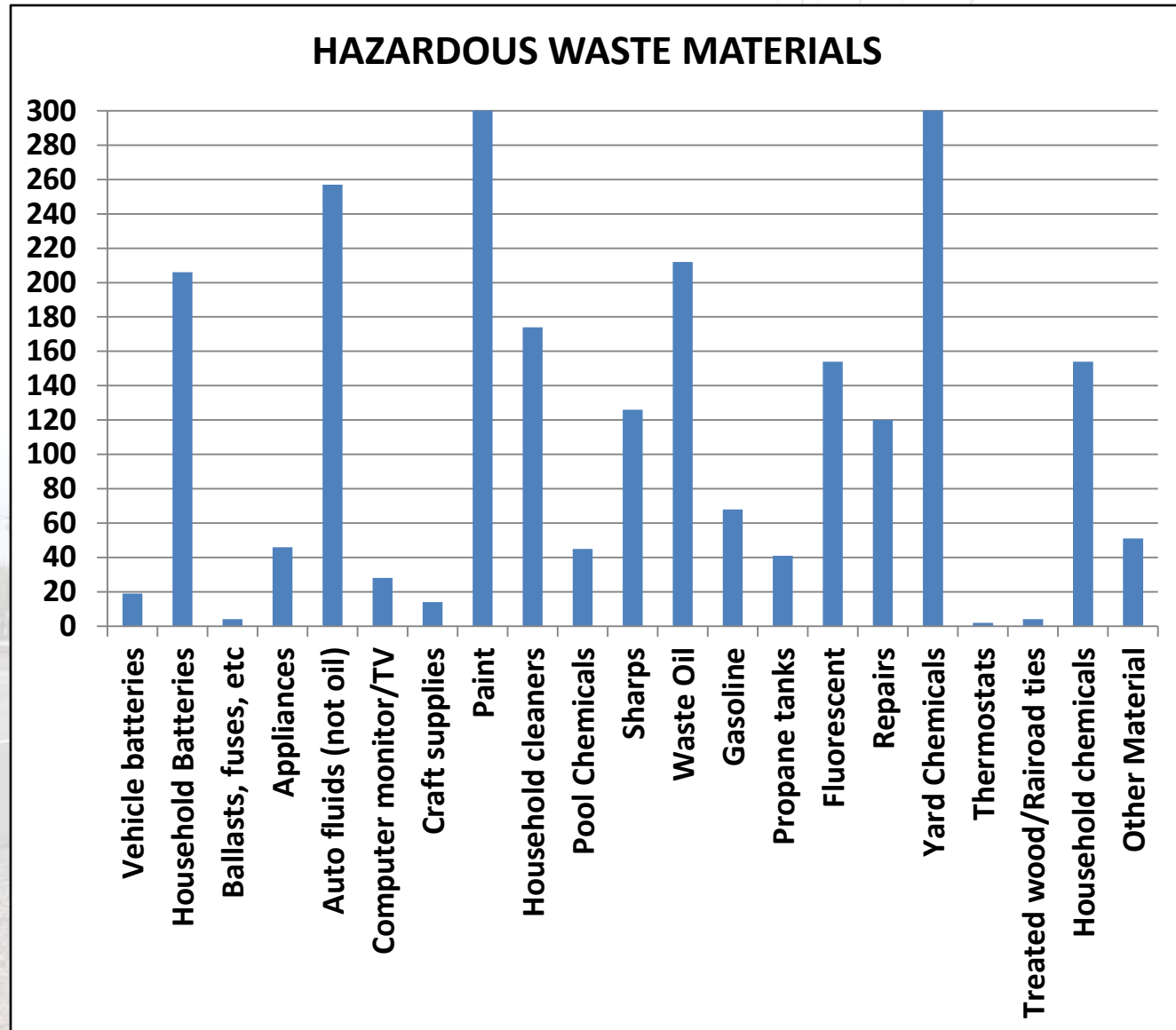
# PARTICIPATION – PRIMARY LANGUAGE

| Language  | Participants |
|-----------|--------------|
| English   | 547          |
| Spanish   | 9            |
| Cambodian | 2            |
| Hmong     | 1            |
| Lao       | 0            |
| Punjabi   | 0            |
| Other     | 1            |



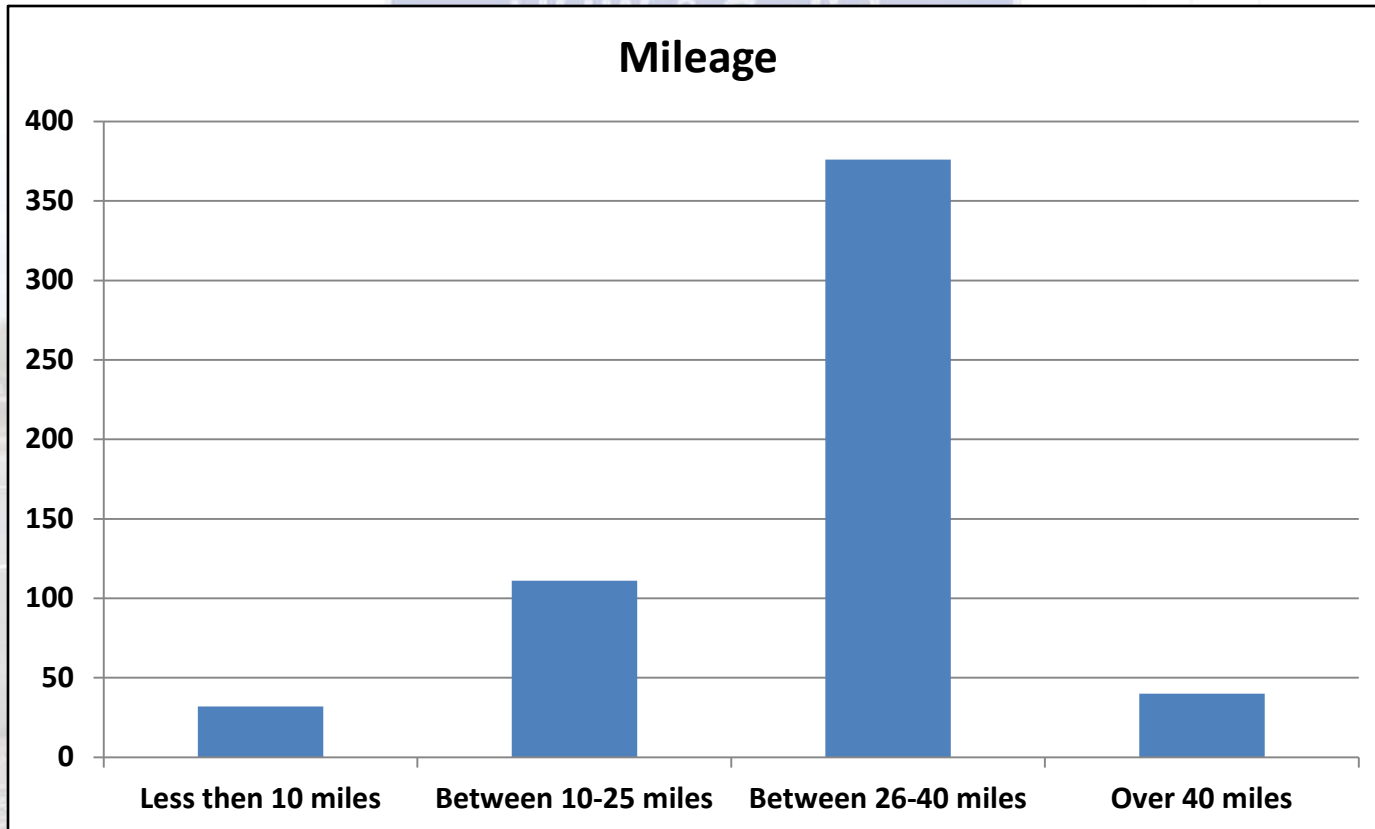
# PARTICIPATION – MATERIALS

| WASTE TYPE                | COUNT |
|---------------------------|-------|
| Vehicle batteries         | 19    |
| Household Batteries       | 206   |
| Ballasts, fuses, etc      | 4     |
| Appliances                | 46    |
| Auto fluids (not oil)     | 257   |
| Computer monitor/TV       | 28    |
| Craft supplies            | 14    |
| Paint                     | 571   |
| Household cleaners        | 174   |
| Pool Chemicals            | 45    |
| Sharps                    | 126   |
| Waste Oil                 | 212   |
| Gasoline                  | 68    |
| Propane tanks             | 41    |
| Fluorescent               | 154   |
| Repairs                   | 120   |
| Yard Chemicals            | 318   |
| Thermostats               | 2     |
| Treated wood/Rairoad ties | 4     |
| Household chemicals       | 154   |
| Other Material            | 51    |



# PARTICIPATION – DISTANCE DRIVEN

| Distance            | Participants |
|---------------------|--------------|
| Less than 10 miles  | 32           |
| Between 10-25 miles | 111          |
| Between 26-40 miles | 376          |
| Over 40 miles       | 40           |



# COUNTY ACTION PLANS FOR PROGRAM ENHANCEMENT

- **SHORT TERM**

- Expanding “HHW Network” Site Participation

- Fresno County’s “HHW Network” is a collection of sites (local businesses, hardware stores, police stations, clinics, etc.) that accept the 5 most common types of HHW:

- Batteries
      - Bulbs (CFLs and Fluorescent Tubes)
      - Paint
      - Sharps
      - E-waste

- Recruiting Additional Participants

- Retail Stores
    - PaintCare® Referrals
    - Additional CCCs (County classifies CCCs part of Network)

# COUNTY ACTION PLANS FOR PROGRAM ENHANCEMENT

- **SHORT TERM (CONT'D.)**

- **Multilingual Education/Outreach Materials**

- Multilingual Brochures
- Translation Features – County HHW/Recycling Program websites
- Community Events
- Employee Fairs/Events
- School Outreach





# COUNTY ACTION PLANS FOR PROGRAM ENHANCEMENT

- **Long Term**

- **Planning Additional HHW Facilities Throughout County**

- **Main Facility**
    - **West And East County Subregional Facilities**

- **Jurisdictional Partnerships**

- **ABOP Facilities Established In Select Cities And Communities**
    - **Practical/Effective Outreach Opportunities:**
      - **Real Estate Company Informational Packets**
      - **School District Informational Packets**
      - **Others As Identified Through Coordinated Efforts With Fresno County and the 15 Incorporated Cities**

# QUESTIONS?



**Please contact me:**

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