UDAQ PM2.5 WORKGROUP

Round 3 Meetings: April 2012

Introduction and Key Points

- DAQ continues to work hard in this challenging effort to safeguard public health through this PM 2.5 SIP development process. We know that Public Health is important to you and the community you represent.
- Tooele has joined the SL workgroup. We would like to welcome them and thank them for their willingness to join this group in a combined effort.
- Our information and modeling has become very refined, and we are seeing our challenges clearly. For Salt Lake, this means we will need to employ many strategies to succeed, while in Tooele fewer strategies are likely to be needed.
- DAQ will verify a strategy is necessary in each county before implementing it.
- Implementing these strategies will be challenging for ALL source types.

Meeting Agenda

Segment 1: DAQ information and presentation (9:00-10:05 am)
Introduction and Welcome: **9:00-9:05**
Progress Report: **9:05-9:10**
Model Results: **9:10-9:30**
Point Source Discussion: **9:30-9:40**
Strategy Definition Q&A: **9:40 – 9:50**
Prioritization Exercise and Break: **9:50-10:05**

Segment 2:Prioritized Strategy Discussions (10:05- Close)
Breakouts to 3 tables for specific discussions of identified priorities: **10:05-10:55**
Next Steps: **10:55-11:00**

- Survey (week of April 30)
- Rulemaking (summer 2012)
- Public Comment Period (late summer 2012)
- Open Houses (public and Workgroups together – late summer 2012)

Model Performance
Presentation of Results

Emissions Inventory
Present to Stakeholders
Improve Based on Feedback

Control Strategy Development
Stakeholder Input
Presentation of Results

Draft/Final Control-Strategy Baskets

Improvement in Basin-wide Air Quality

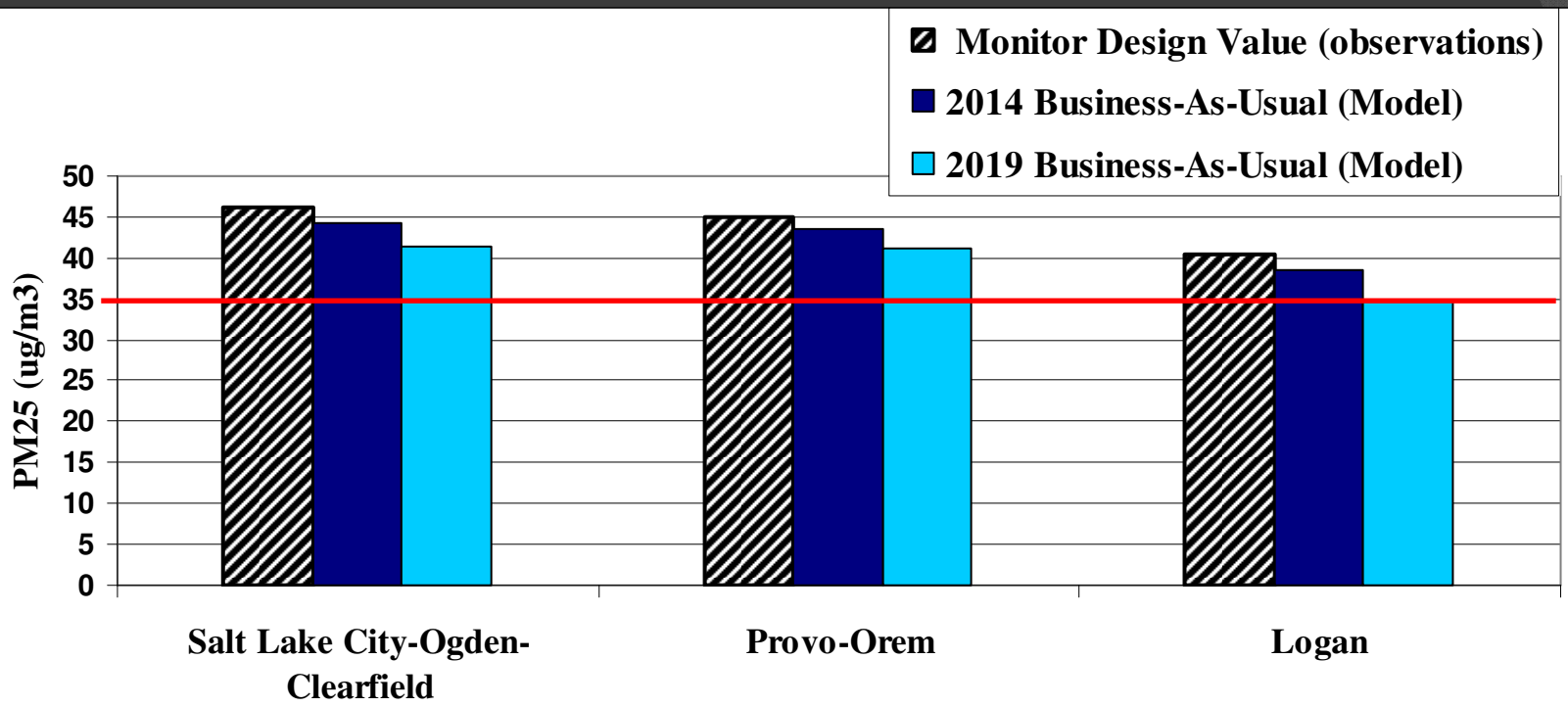
http://www.flickr.com/photos/jasmic/279741827/

Model Attainment Test

- All monitor sites in each non-attainment area must meet 24-hr PM2.5 NAAQS standard

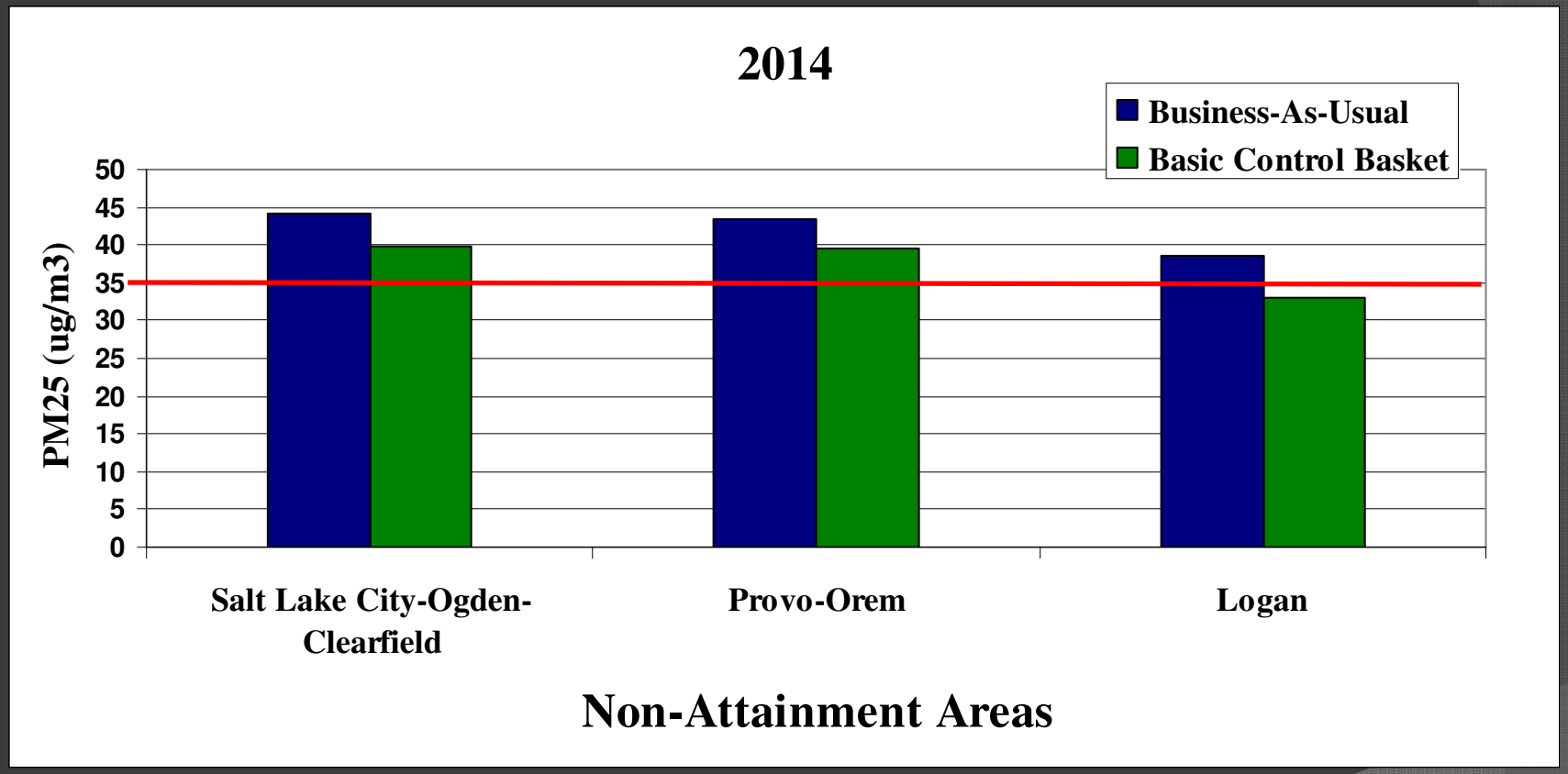
- Outline:
  - Model attainment test will be presented for each non-attainment area for 2014 and 2019
  - Results from both Business-As-Usual and emission control reductions will be shown

Model Attainment Test
April 20, 2012

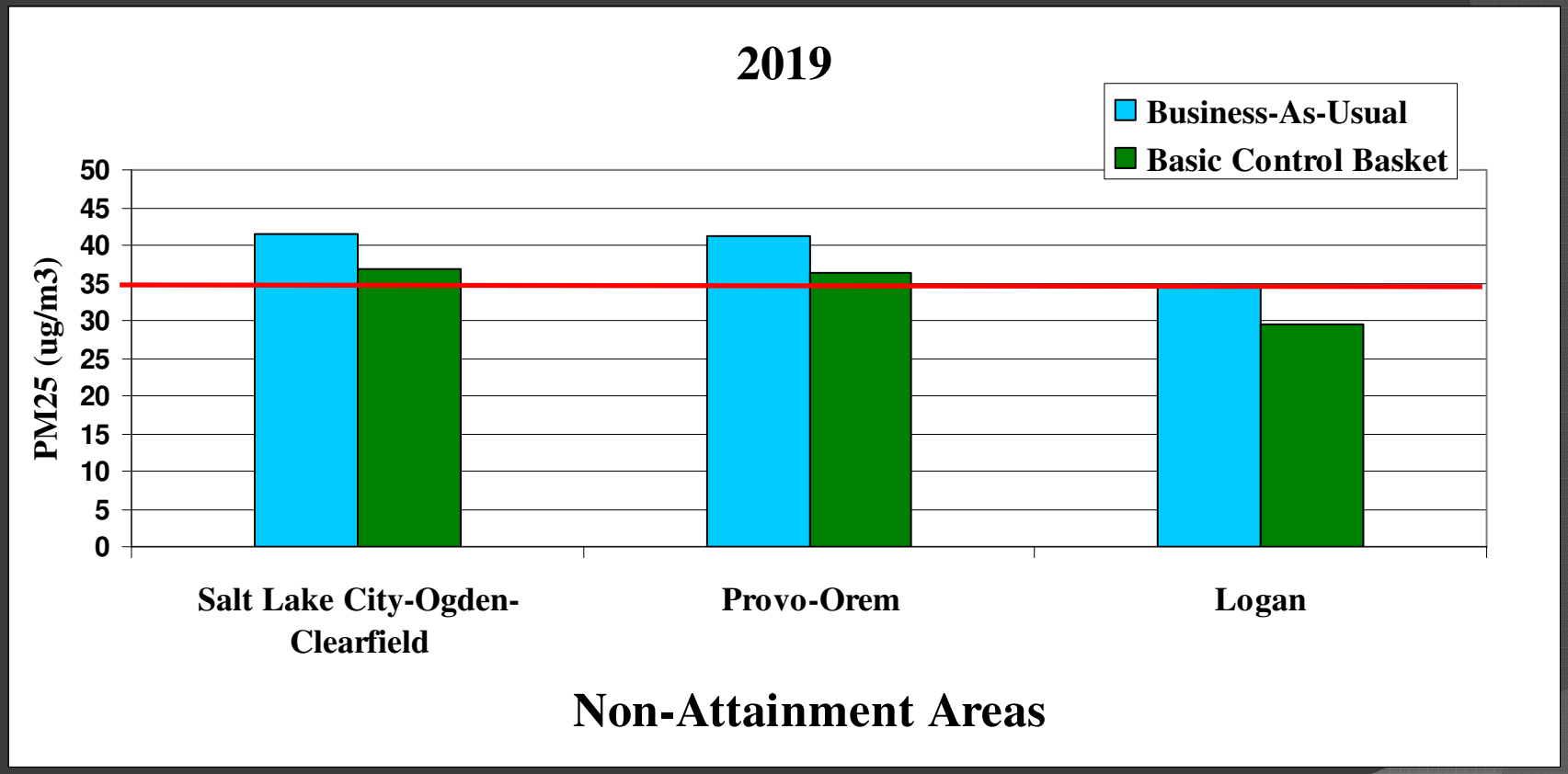


Non-Attainment Areas

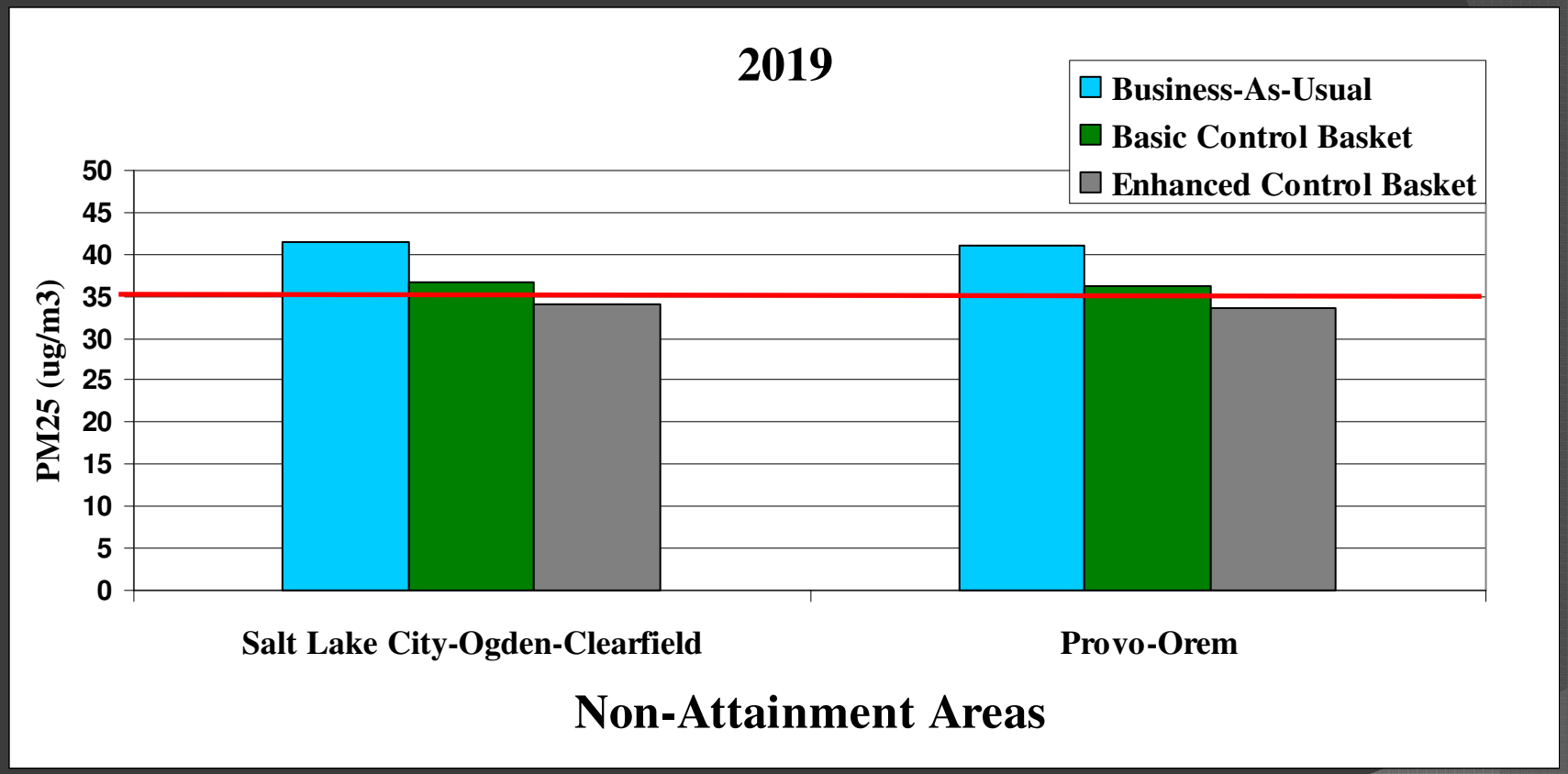
Model Attainment Test
April 20, 2012



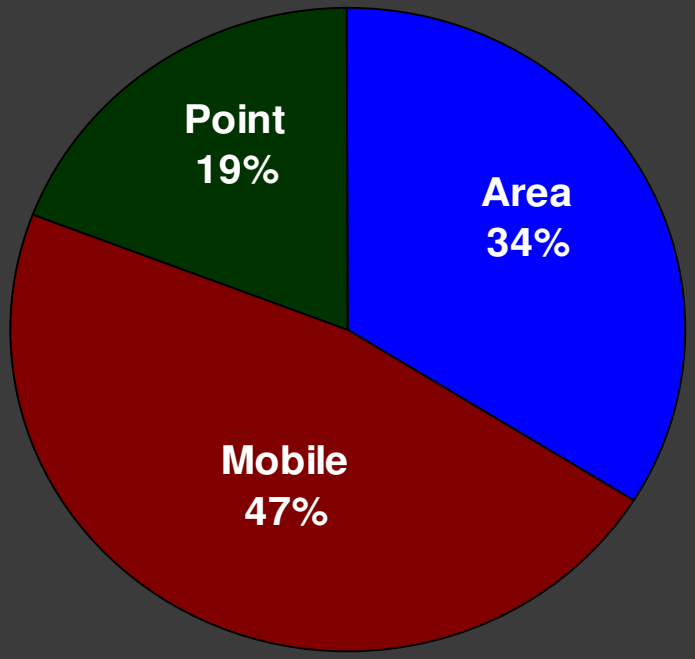
Model Attainment Test
April 20, 2012



Model Attainment Test
April 20, 2012



2014 Projected Actual Emissions Inventory
SLC-Ogden-Clearfield NAA



% of total inventory

	VOC	NOx	SOx	Prim.
Area	5.3%	0.2%	0.1%	6.9%
Mobile	1.1%	1.0%	0.1%	0.2%
Point	0.5%	0.2%	0.8%	1.5%

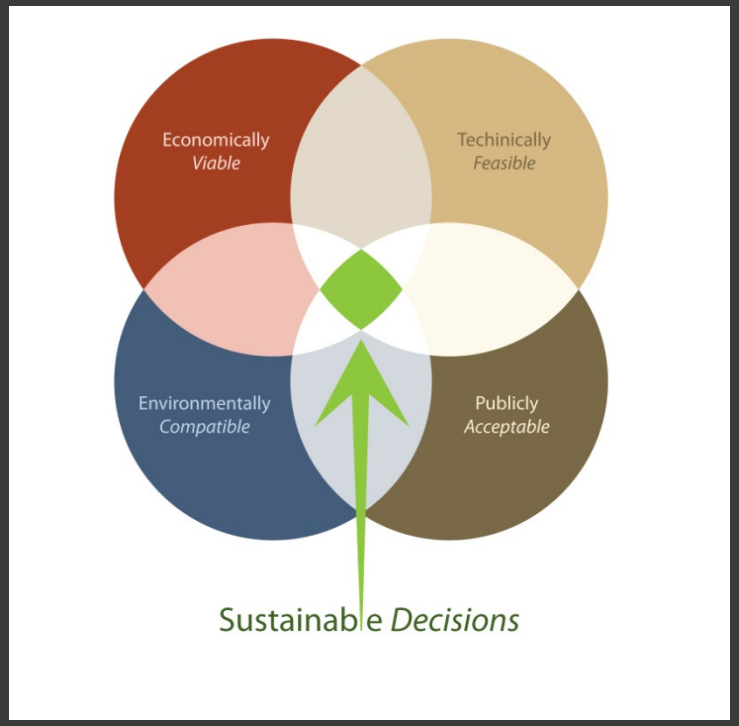
Basic Control Basket Reductions

POINT SOURCE EVALUATION: $PM_{2.5}$ SIP

Reasonably Available Control Technology (RACT) Analysis

- Point Sources/Characteristics
- RACT Requirements
- Path Forward

Prioritization and Breakout Instructions



Prioritization Exercise

- 15 min for prioritization and break.
- 3 colors of paper. Use as follows:
  - 2 Green – most preferred (why in under 5 words)
  - 2 Yellow – least preferred (why in under 5 words)
  - 1 Pink – the one I most want to discuss (name)
- Put your ideas on the board under the appropriate strategy.
- We will organize the tables to discuss the strategies you prioritize.

Breakout Instructions

- 50 minutes to discuss your priorities.
- There will be three tables and you may move to any of them at any time.
- The dialogue will be open. Please respect everyone and take turns speaking.
- Reconvene for next-steps.