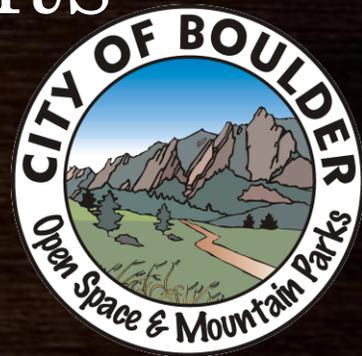




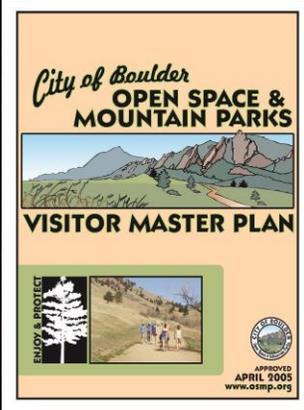
City of Boulder Open Space and Mountain Parks

Voice and Sight Tag Program + Leash Monitoring: 2014 Baseline Results

OPEN SPACE BOARD OF TRUSTEES
WEDNESDAY JULY 8, 2015



BACKGROUND | TIMELINE



Tag Program
Launch



Tag Program
Enhancements
Implementation

VMP

First Monitoring
Project

Tag Program
Enhancements
Planning & Public Process

Second Monitoring
Project

Tag Program Adaptive Management Timeline

2005

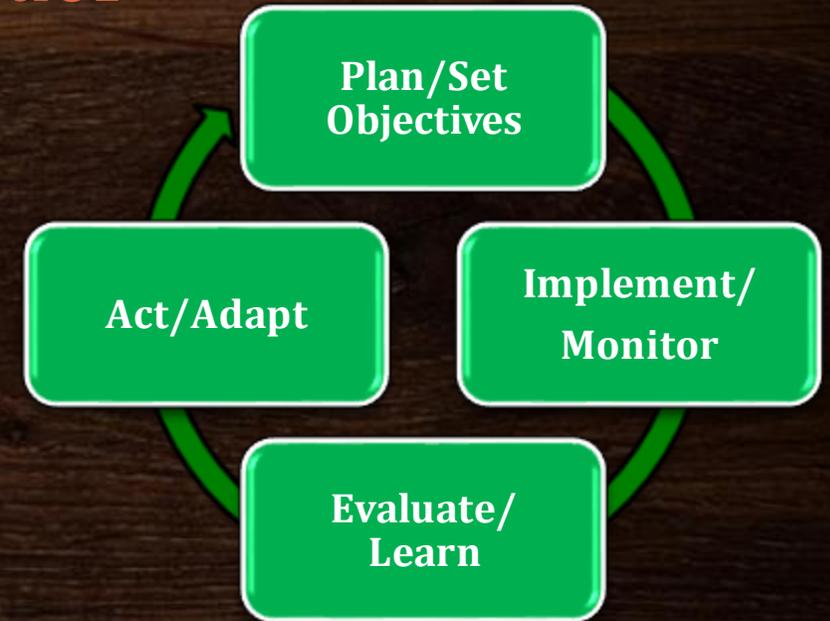
2006 - 2010

2012 - 2014

2014 - 2018

BACKGROUND | ADAPTIVE MANAGEMENT MODEL

- **Post-VMP Adaptive Management Model**
 - Commitment to monitor
 - Commitment to learn and adapt
 - On-going and iterative process



Within the OSMP adaptive management framework, the monitoring program measures success at achieving goals and objectives.

METHODS

- Based upon legal definition of Voice and Sight Control (B.R.C. 6-1-2)
- Direct observation and visitor interviews
- Modifications based upon community and OSBT feedback
 - Removed conflictive behavior terminology
 - Added verbatim command recording
 - Removed “negative” and “positive” observation determination
 - Created evaluation team to review the more subjective data

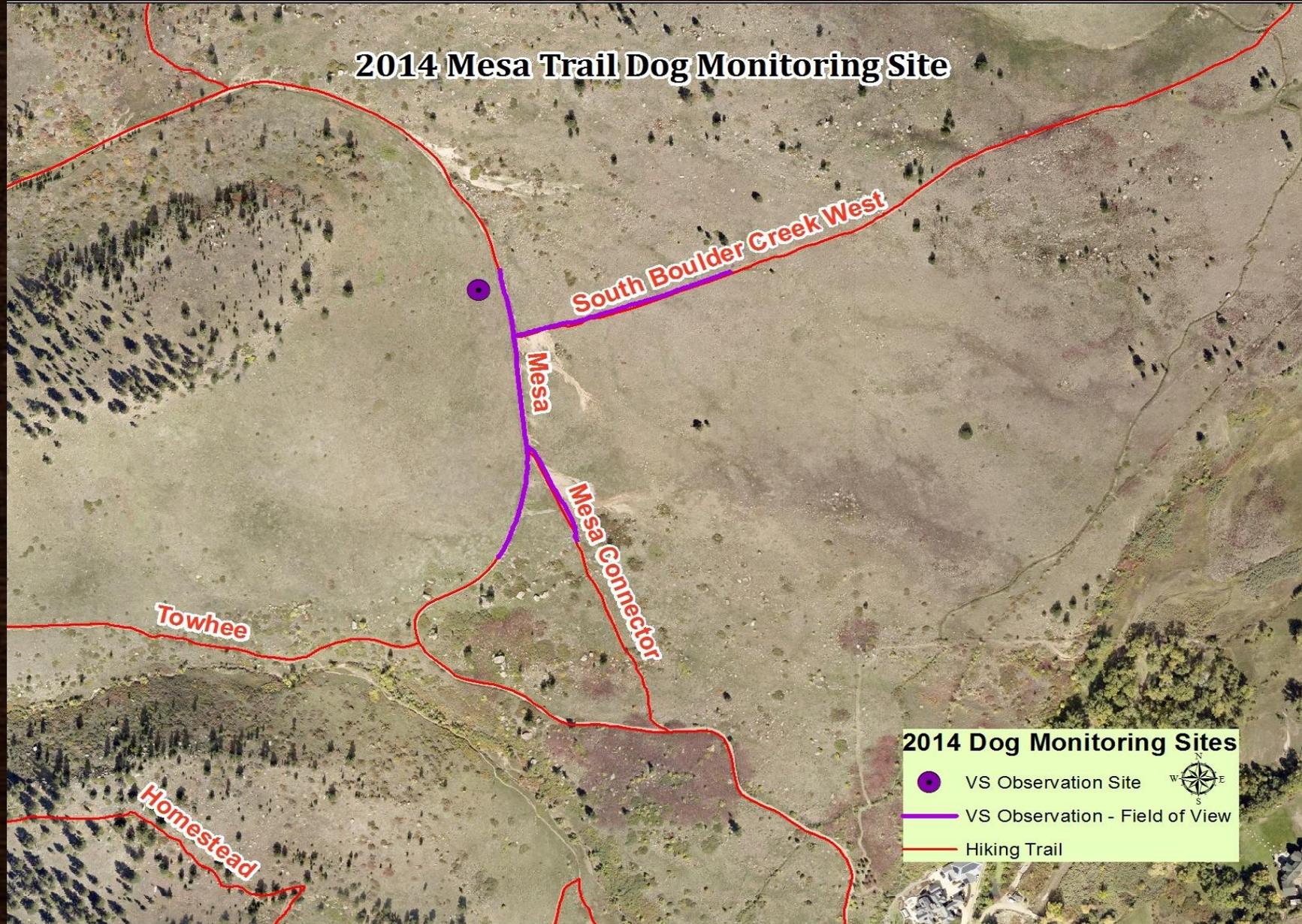


METHODS

- Systematic detailed datasheets and coding
- Pre-determined zones of observation
- Review of dog behavior literature
- Expert peer review



METHODS



RESULTS | DIRECT MEASURES

Measure	2014 Compliance Level
Tag display (n=310)	69% 2010 (72%)
More than 2 dogs off-leash (n=8)	12% 2010 (33%)
Within sight (n=310)	93% 2010 (95%)
Leash possession (n=302)	91% 2010 (93%)



RESULTS | EVALUATION OUTCOMES

Measure	2014 Compliance Level	
Charging...person (n=139)	91%	
Charging...dog (n=47)	85%	
Chasing...wildlife (n=10)	50%	
Voice control (n=57)	77%	2010 (56%)
Overall compliance (n=310)	67%	2010 (59%)



RESULTS | OTHER RESULTS

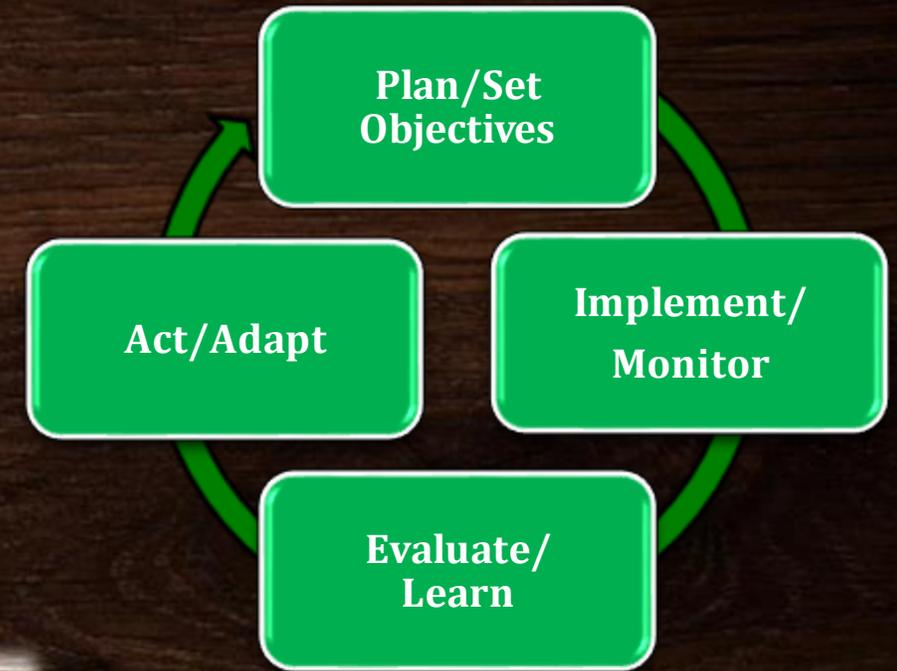


Measure	2014 Compliance Level
Excrement removal (n=26)	69% 2010 (41%)
Leash required (n=238)	82%



FUTURE DIRECTION | QUESTIONS

- Post-enhancements study to be conducted in 2016
- Two-year out study to be conducted in 2018
- Collective results used for discussions about recommendations and/or program modifications



QUESTIONS?