



SPR Quarterly Progress Report
July 1, 2008 through September 30, 2008

Date September 30, 2008

TO: Technical Advisory Committee Members:

Michelle Eraut, FHWA
Matthew Mabey, ODOT
Chris Maguire, ODOT
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Rick Williams, ODOT
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FROM: Matthew Mabey, Research Coordinator (ph: (503) 986-2847)

1. Project

Wildlife Movement Study
SPR 638

2. Key Dates

Start Date for ODOT: April 6, 2005
Completion Date for ODOT: June 30, 2010

3. Principal Investigators

Dave Immell, ODFW
Autumn Larkins, ODFW

4. Progress

Road Kill Surveys continue on the 150 miles of highway being monitored in the study area (a 100-mile section of Highway 97 and a 50-mile section of Highway 31). Preliminary analysis was conducted on the data collected through July 2008. Between October 2005 – July 2008, 1089 road-killed mule deer carcasses were documented on Highways 97 and 31 within the study area. Gender was distinguishable for 774 carcasses and age was determined for 857 carcasses. Females accounted for 63% of the known gender sample and adults were 57% of the known age sample. Highway 97 road-killed deer accounted for 70% of the sample and 50% of the kills occurred in 3, 10-mile segments. Highway 31 had 319 road-killed deer.

Summer range capture efforts resulted in 26 newly radio-collared adult mule deer. A total of 300 deer have been radio-collared since the beginning of the study (66 bucks, 234 does). Of these collared deer 98 have died from various mortality causes. A total of 95 radio collars have come off in non-mortality circumstances (scheduled drop offs, broken collars, etc.) The current monitoring status is 107 radio-collared deer, > 71% with GPS collars. Preliminary results of the study have been presented to various stakeholder groups.

5. Problems

- No significant problems this reporting period

6. Work Planned for Next Quarter

1. Continue monitoring radio-collared deer.
2. Recover additional GPS collars that are scheduled to break-off as designed.
3. Continue downloading GPS collars and analyze location data.
4. Continue to conduct road kill surveys within study area.
5. Analyze fall 2008 road-kill deer data.
6. Update all data collection files and begin further analyses.
7. Present preliminary findings to various stakeholder groups.

7. Finances

SPR Project Summary

VENDOR	FY05	FY06	FY'07	FY'08	FY'09	TOTALS
ORIGINAL BUDGET	\$ -	\$ -	\$ -		\$ -	\$ -
REVISED BUDGET	\$ -	\$ -	\$ -		\$ -	\$ -
EXPENDITURES - VENDOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ODOT	FY05	FY06	FY'07	FY'08	FY'09	TOTALS
ORIGINAL BUDGET	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 100,000
REVISED BUDGET	\$ 4,134	\$ 106,007	\$ 4,534	\$ 5,777	\$ 3,500	\$ 123,952
EXPENDITURES - ODOT	\$ 4,134	\$ 106,007	\$ 4,534	\$ 5,777	\$ 1,124	\$ 121,576
BALANCE	\$ -	\$ -	\$ -	\$ -	\$ 2,376	\$ 2,376

PROJECT	FY05	FY06	FY'07	FY'08	FY'09	TOTALS
ORIGINAL BUDGET	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 100,000
REVISED BUDGET	\$ 4,134	\$ 106,007	\$ 4,534	\$ 5,777	\$ 3,500	\$ 123,952
EXPENDITURES - PROJECT	\$ 4,134	\$ 106,007	\$ 4,534	\$ 5,777	\$ 1,124	\$ 121,576
BALANCE	\$ -	\$ -	\$ -	\$ -	\$ 2,376	\$ 2,376