



**SPR Quarterly Progress Report**  
April 1, 2007 through June 30, 2007

Date July 16, 2007

**TO:** Technical Advisory Committee Members:

Michelle Eraut, FHWA  
Matthew Mabey, ODOT  
Chris Maguire, ODOT  
Tim Swift, ODOT  
Rick Williams, ODOT  
Simon Wray, ODF

**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 Investigator**

DeWaine Jackson, ODFW

**4. Progress**

We have radio-collared 196 mule deer in the study area. Fifty-seven deer died and 36 radio-collars have broken off (some as designed, some prematurely). We are currently monitoring 103 radio-collared deer (88 does, 15 bucks) using 4 different radio-collar designs. Migration dates and percent of radio-collared deer migrating by date were different this spring compared to spring 2006. Locations of deer-vehicle accidents on Highway 97 were similar to spring 2006. Since October 2005, nearly 700 deer mortalities have been documented on 100 miles of Highway 97 and 50 miles of Highway 31.

**5. Problems**

Limited deer captures on summer range; deer densities appear low at the remaining selected capture locations.

**6. Work Planned for Next Quarter**

1. Continue monitoring radio-collared deer: more GPS collars will be breaking-off summer 2007 (as designed). We will be recovering these collars and downloading deer movement data.
2. Continue to collect road-killed deer data.
3. Additional capture to be conducted on summer range – 20 additional transmitters to deploy.

7. **Finances**

SPR Project Summary

<b>VENDOR</b>	<b>FY05</b>	<b>FY06</b>	<b>FY'07</b>	<b>FY'08</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ -	\$ -	\$ -		\$ -
<b>REVISED BUDGET</b>	\$ -	\$ -	\$ -		\$ -
EXPENDITURES - VENDOR	\$ -	\$ -	\$ -	\$ -	\$ -
<b>BALANCE</b>	\$ -	\$ -	\$ -	\$ -	\$ -
<b>ODOT</b>	<b>FY05</b>	<b>FY06</b>	<b>FY'07</b>	<b>FY'08</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 100,000
<b>REVISED BUDGET</b>	\$ 4,134	\$ 106,007	\$ 4,534	\$ 1,500	\$ 116,175
EXPENDITURES - ODOT	\$ 4,134	\$ 106,007	\$ 4,534	\$ -	\$ 114,675
<b>BALANCE</b>	\$ -	\$ -	\$ -	\$ 1,500	\$ -
<b>PROJECT</b>	<b>FY05</b>	<b>FY06</b>	<b>FY'07</b>	<b>FY'08</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 100,000
<b>REVISED BUDGET</b>	\$ 4,134	\$ 106,007	\$ 4,534	\$ 1,500	\$ 116,175
EXPENDITURES - PROJECT	\$ 4,134	\$ 106,007	\$ 4,534	\$ -	\$ 114,675
<b>BALANCE</b>	\$ -	\$ -	\$ -	\$ 1,500	\$ 1,500