

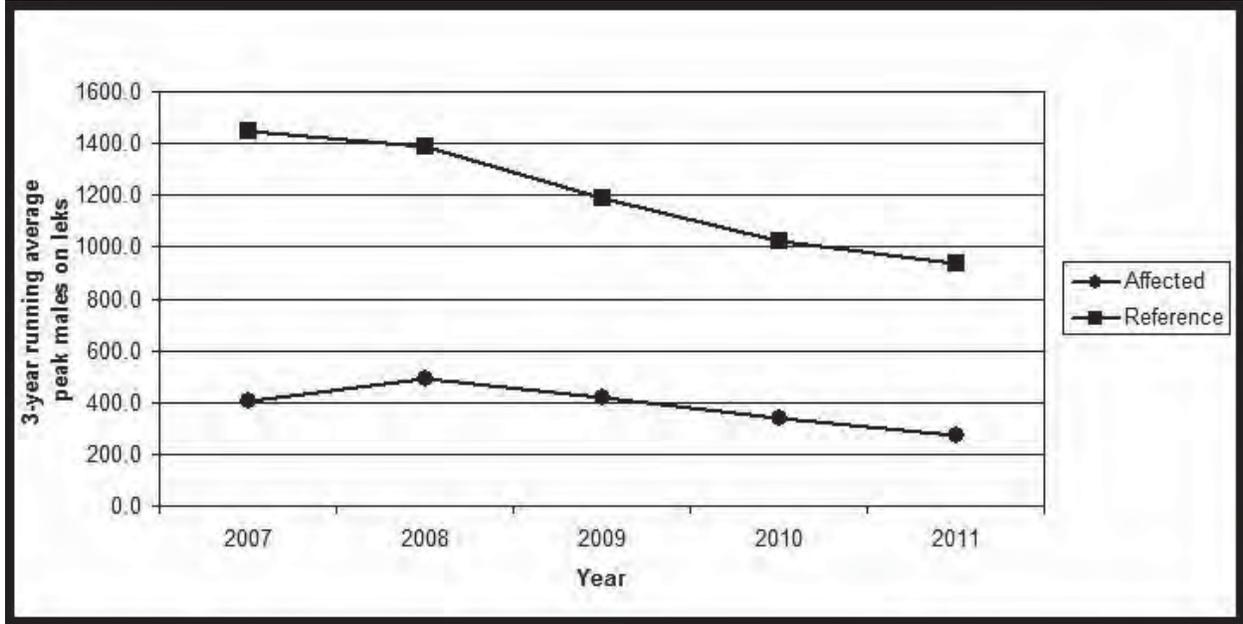
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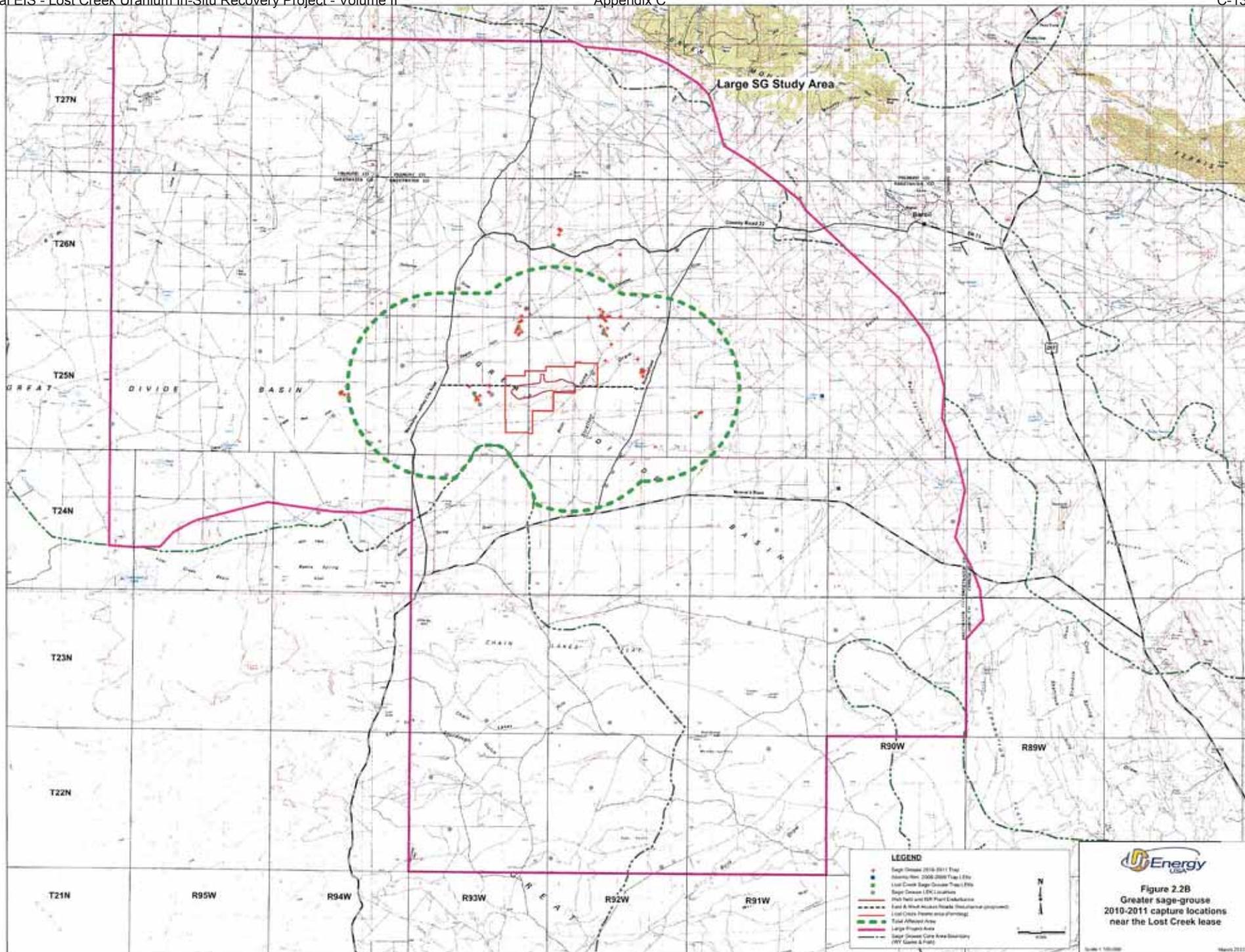
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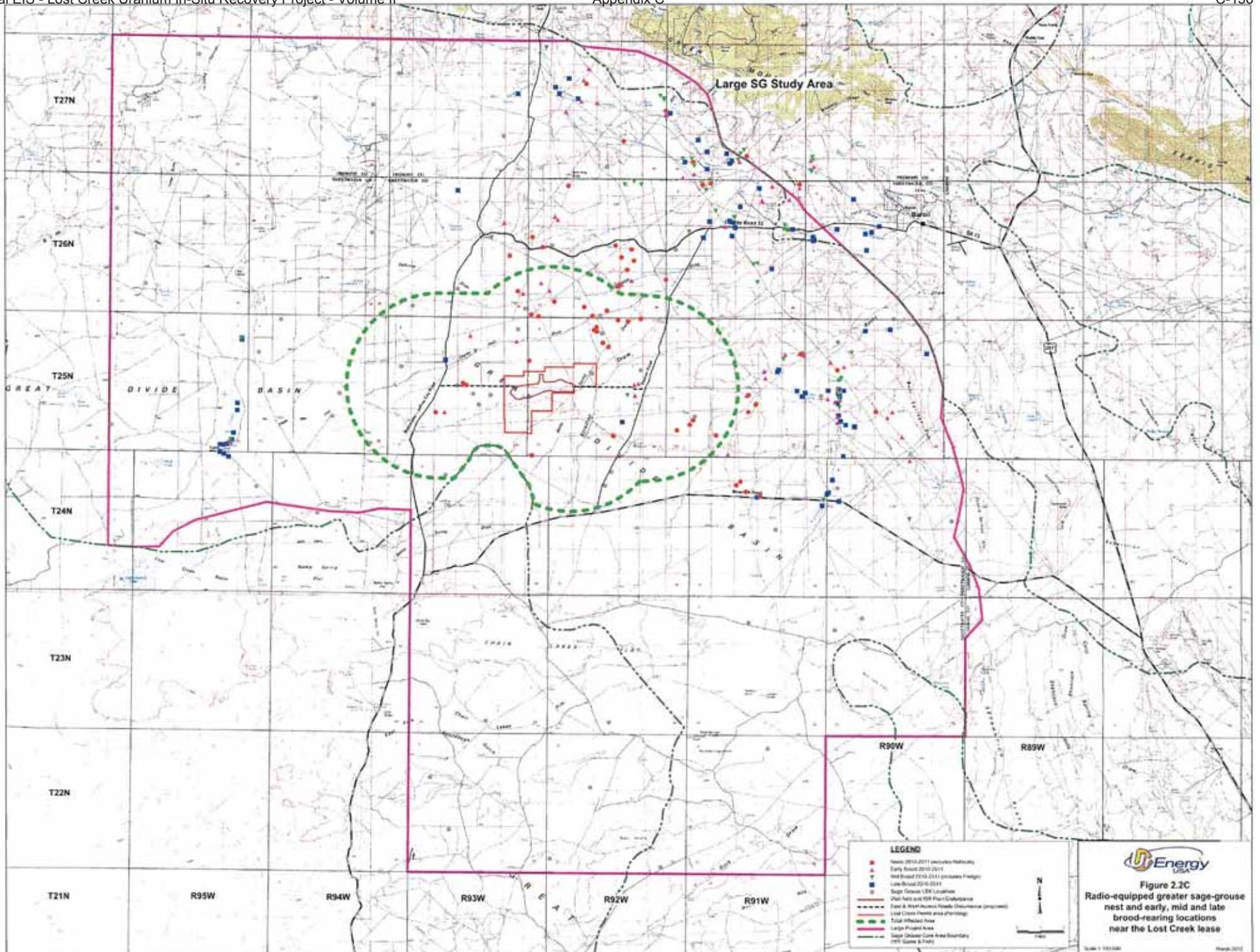
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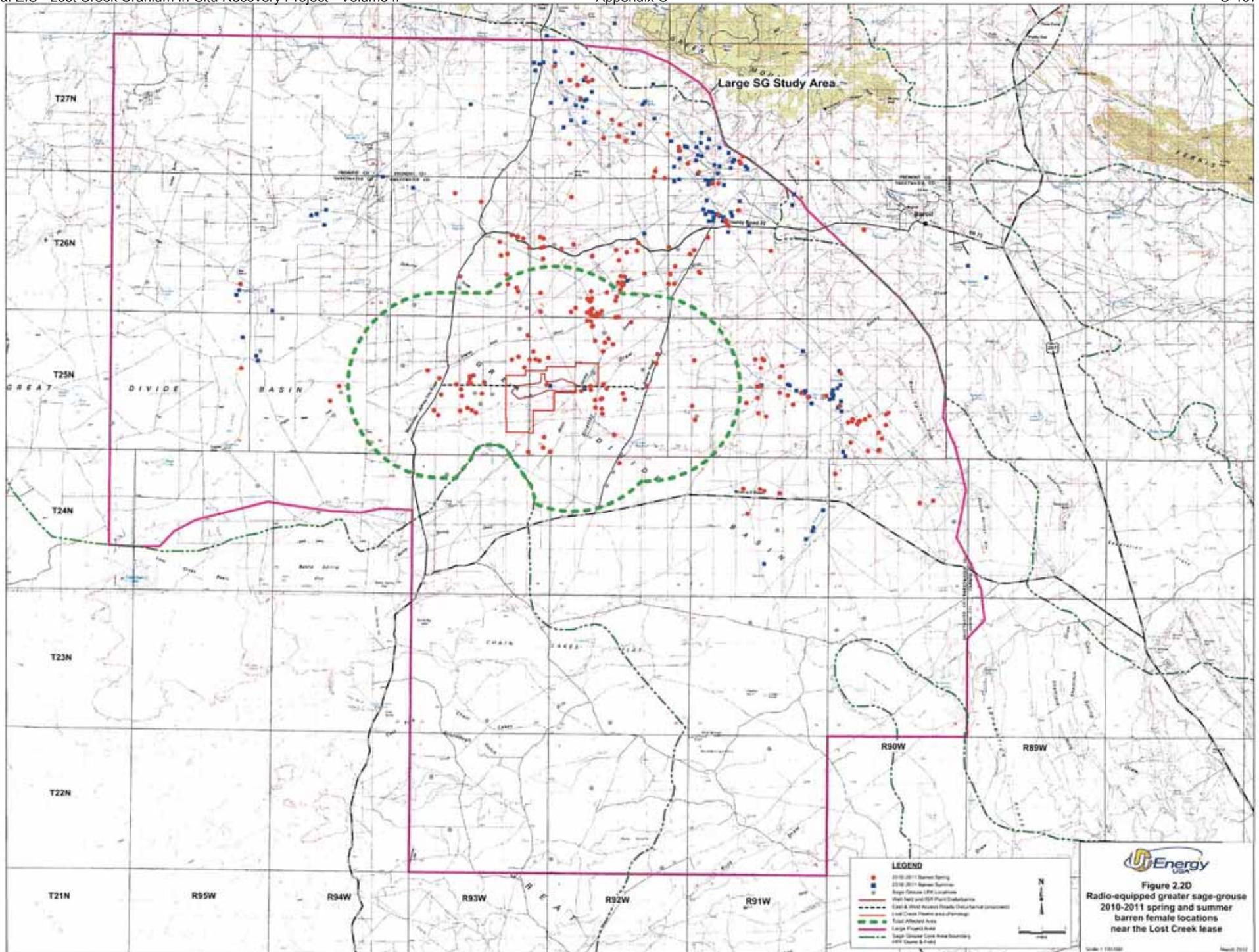
Figure 2.1A
LOST CREEK
Big Game Survey 2011

Figure 2.2A-1. Graph of 3-year average population trends of Affected and Reference leks for the DDCT Area established by LC ISR, LLC; numbers represent summed averages by year (see *sums* columns in Table 2.2C). Note that the lines are not diverging, thus slopes of the lines were not calculated.









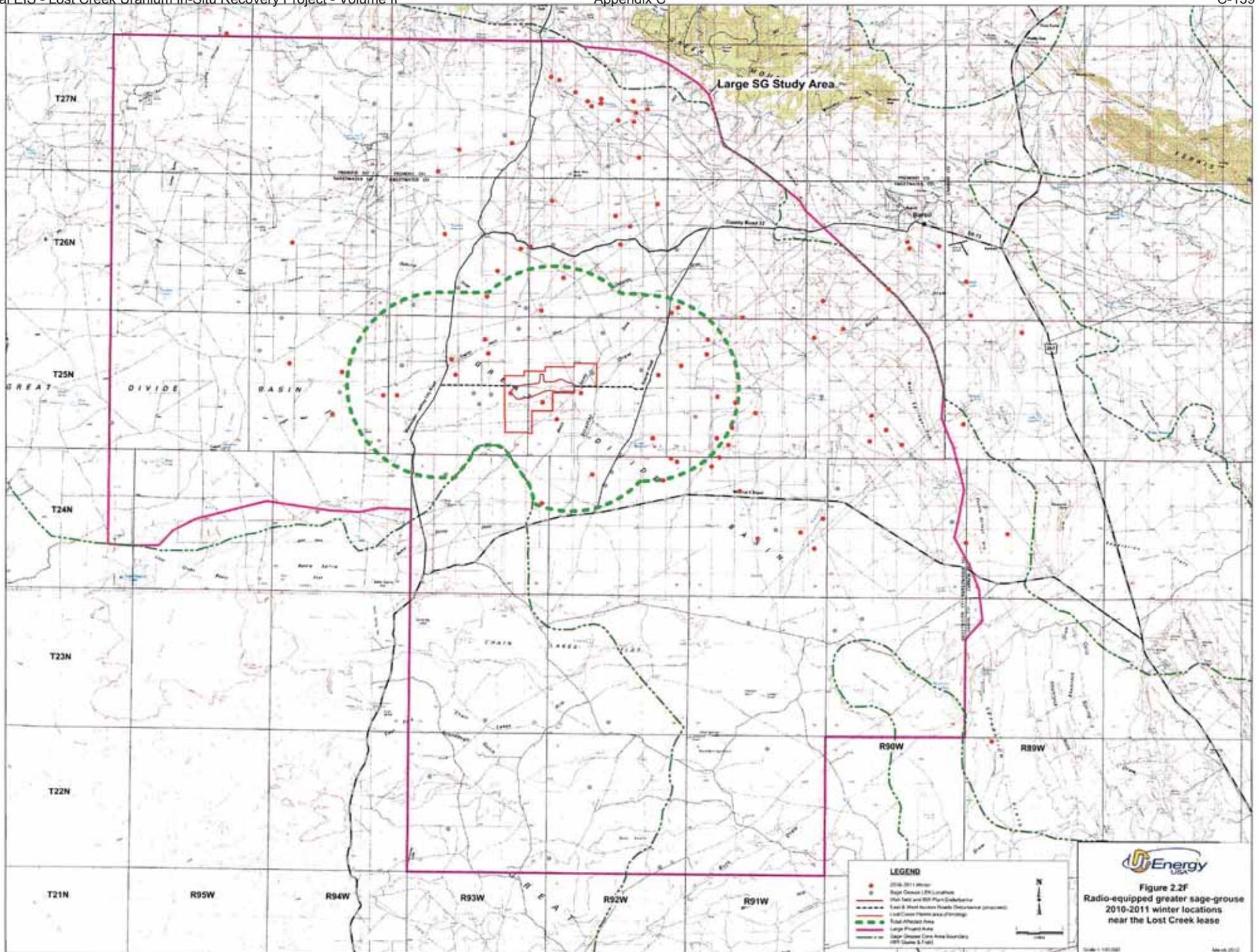


Figure 2.2G. Sage-Grouse Brood Rearing Transects (Page 1 of 8)

Lost Creek Sage Grouse Brood Survey 2011			
Transect ID	Crooks Creek #1	USGS Quad Crooks Peak	
Bank Side / Direction	Left / West	Legal Description	NE1/4 Sec 20, SE1/4 Sec17 T27N, R92W
NAD 83	East	North	Comments
Start/End Point	265468	4687245	Straight down slope from buck-rail fence
Start/End Point	265680	4688202	Upstream end of lower willow patch
Dominant Vegetation	Hordeum brachyantherum, Carex nebrascensis, Agrostis stolonifera, Poa pratensis, Cirsium canescens		
Notes	Transect walking path stays in sage fringe above channel. Transect crosses buck-rail fence. Some broad areas in bottom (100 meters wide). Transect can be approached from two track road several hundred meters below lower end of transect		

Maps

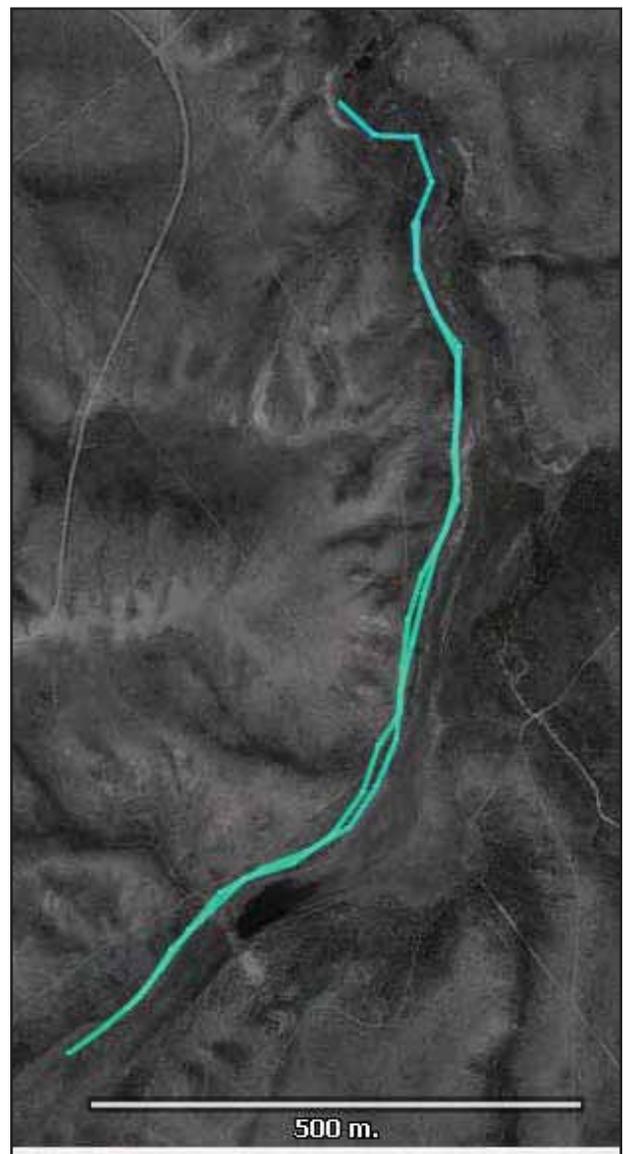
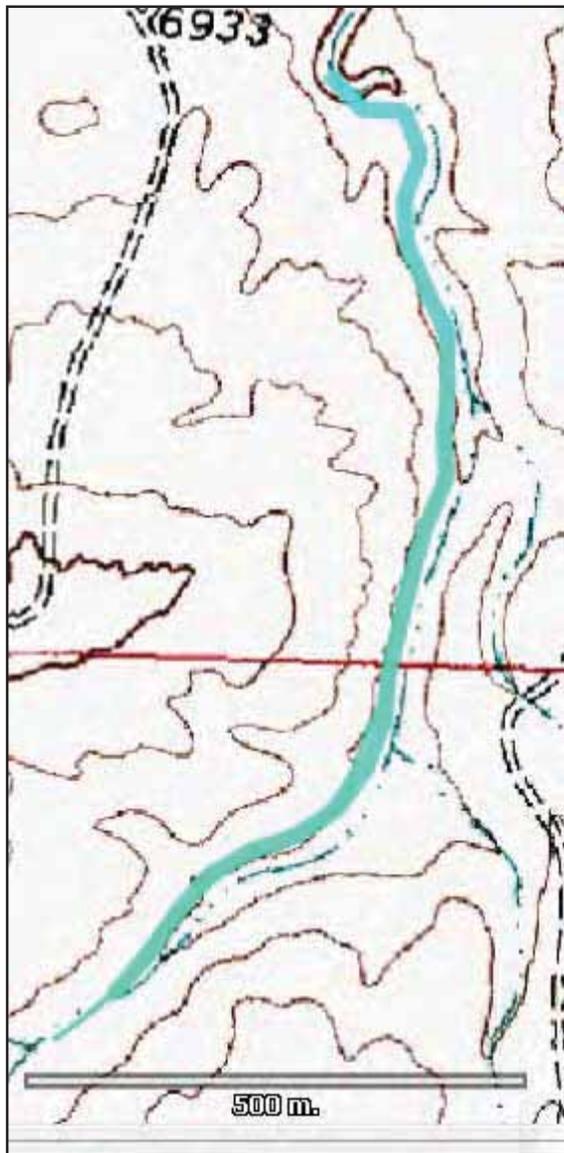


Figure 2.2G. SageGrouse Brood Rearing Transects (Page 2 of 8)

Lost Creek Sage Grouse Brood Survey 2011			
Transect ID Crooks Creek #2		USGS QUAD Crooks Peak, Wyoming	
Bank Side / Direction Right / North		Legal Description NE1/4 Sec17, NW1/4 Sec16, T26N, R92W	
NAD 83	East	North	Comments
Start/End Point	266523	4688391	Straight down slope yellow steel post in sage
Start/End Point	265659	468870	Barbed wire fence line crossing creek
Dominant Vegetation	Carex nebrascensis, Poa pratensis, Salix sp.		
Notes	Transect walking path stays in sage fringe above channel. Transect can be approached from lesser two track road branching off main two track		

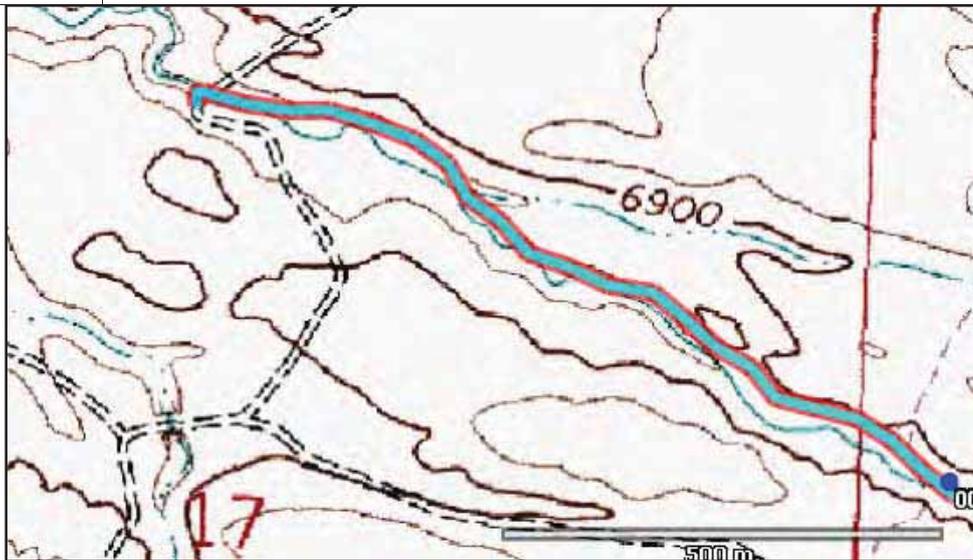


Figure 2.2G. SageGrouse Brood Rearing Transects (Page 3 of 8)

Lost Creek Sage Grouse Brood Survey 2011			
Transect ID A&M Reservoir #1		USGS QUAD Hadsell Spring	
Bank Side/ Direction Left/South		Legal Description SW1/4 Sec10, T26N, R91W	
NAD 83	East	North	Comments
Start/End Point	277396	4679362	First dam above reservoir
Start/End Point	278446	4679331	Rock pile at beginning of creek
Dominant Vegetation	Juncus balticus, Carex nebrascensis, Poa pratensis, Epilobium sp.		
Notes	Riparian area is narrow and grouse occupying both sides of channel would likely be flushed		

Maps

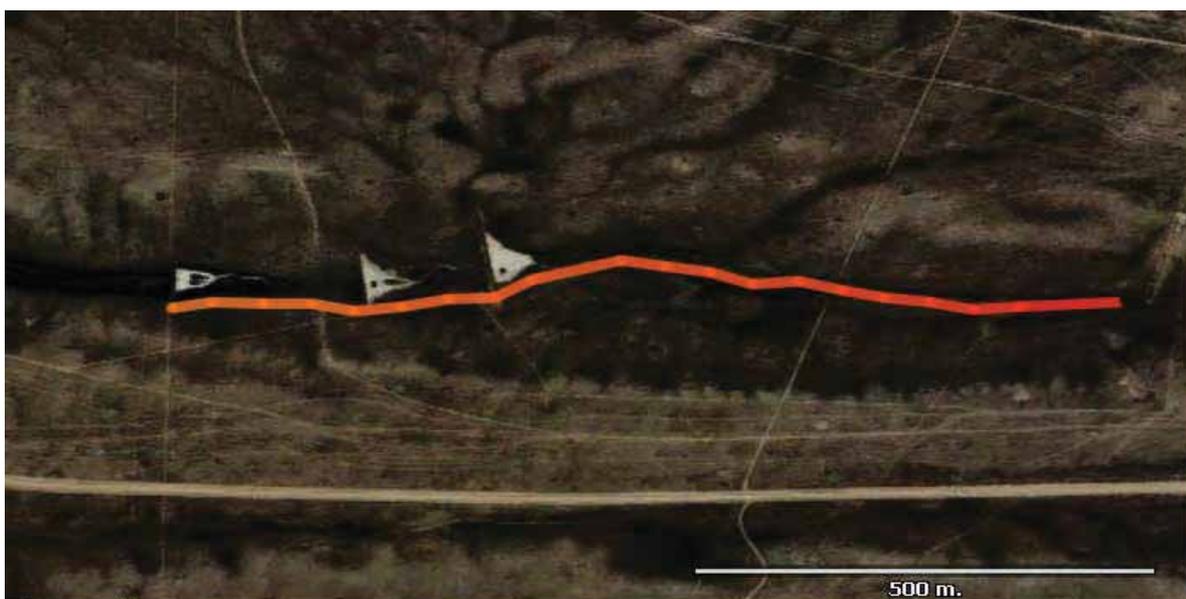
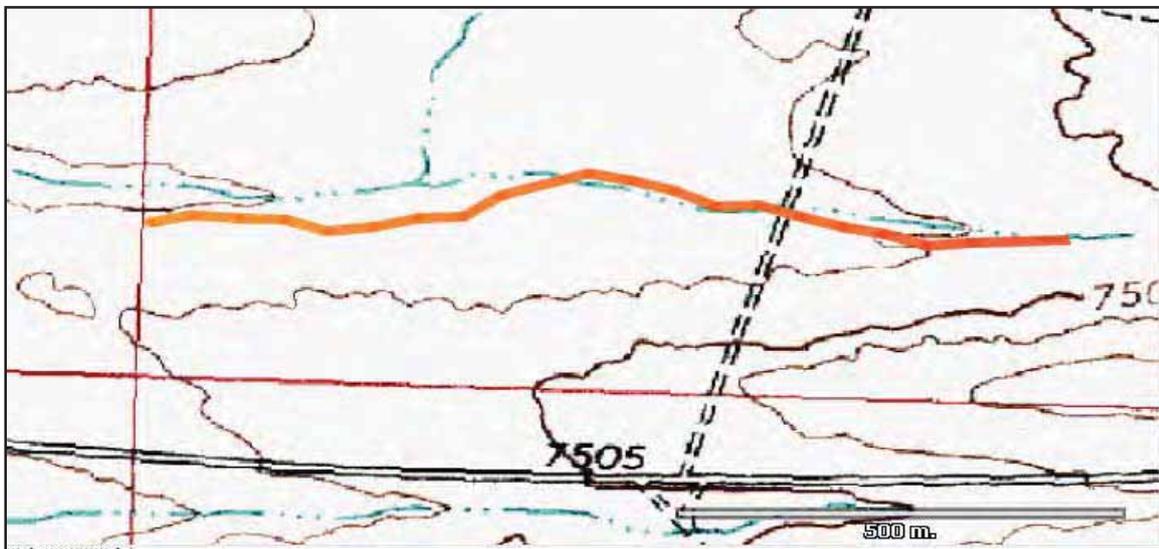


Figure 2.2G. SageGrouse Brood Rearing Transects (Page 4 of 8)

Lost Creek Sage Grouse Brood Survey 2011			
Transect ID		USGS Quad	
A&M Reservoir #2		Hadsell Spring	
Bank Side / Direction		Legal Description	
Right / South		SE1/4 Sec10, SW1/4 Sec11, T26N, R91W	
NAD 83	East	North	Comments
Start/End Point	278760	4679529	Fence line
Start/End Point	279772	4679181	Small lone willow on left bank
Dominant Vegetation	Carex nebrascensis, Poa pratensis, Agrostis stolonifera, Lupinus sp.		
Notes	Riparian area is narrow and grouse occupying both sides of channel would likely be flushed		

Maps

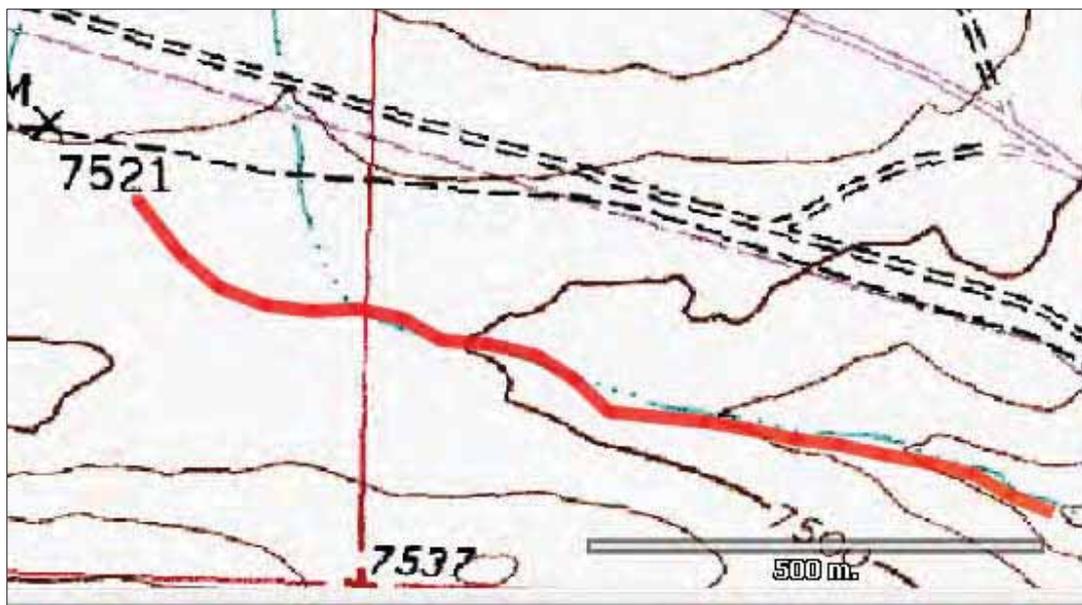


Figure 2.2G. Sage-Grouse Brood Rearing Transects (Page 5 of 8)

Lost Creek Sage Grouse Brood Survey 2011			
Transect ID Lost Creek #1		USGS Quad Osborne Draw	
Bank Side / Direction Right / West		Legal Description NE1/4 Sec 1, T27N, R95W and SE1/4 Sec36, T27N, R95W	
NAD 83	East	North	Comments
Start/End Point	739057	4673700	Stop on road at / and walk straight to creek
Start/End Point	738531	4672887	Tall white/red mud cliff on left bank
Dominant Vegetation	Poa pratensis, Carex nebrascensis, Agrostis stolonifera, Thermopsis divaricarpa		
Notes	Transect walking path stays in sage fringe above channel.		

Maps

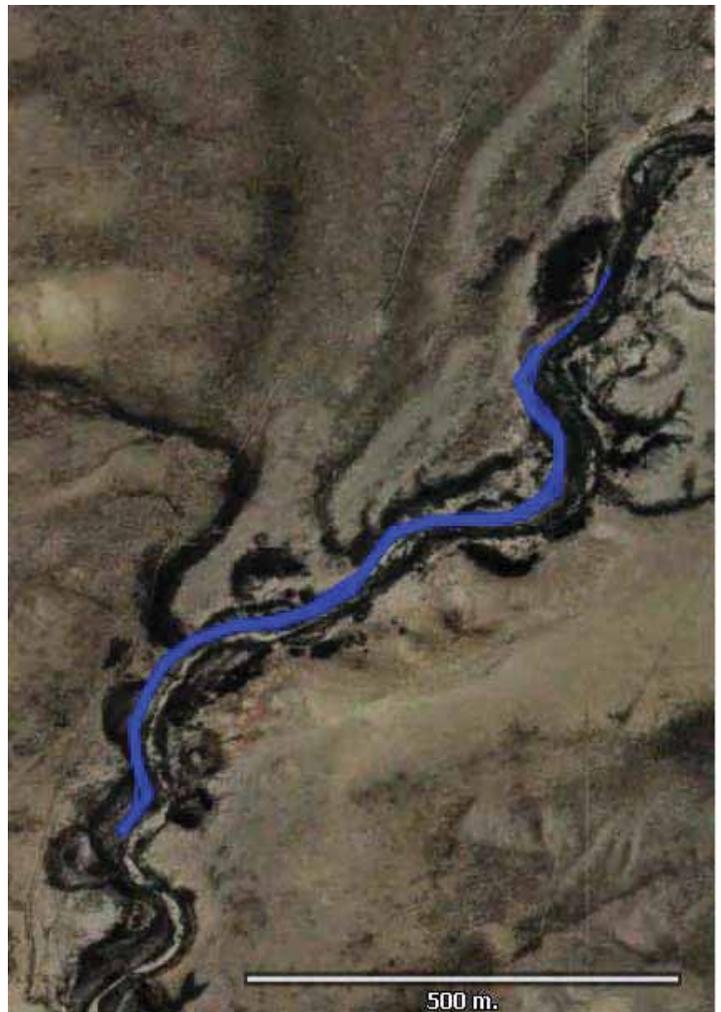
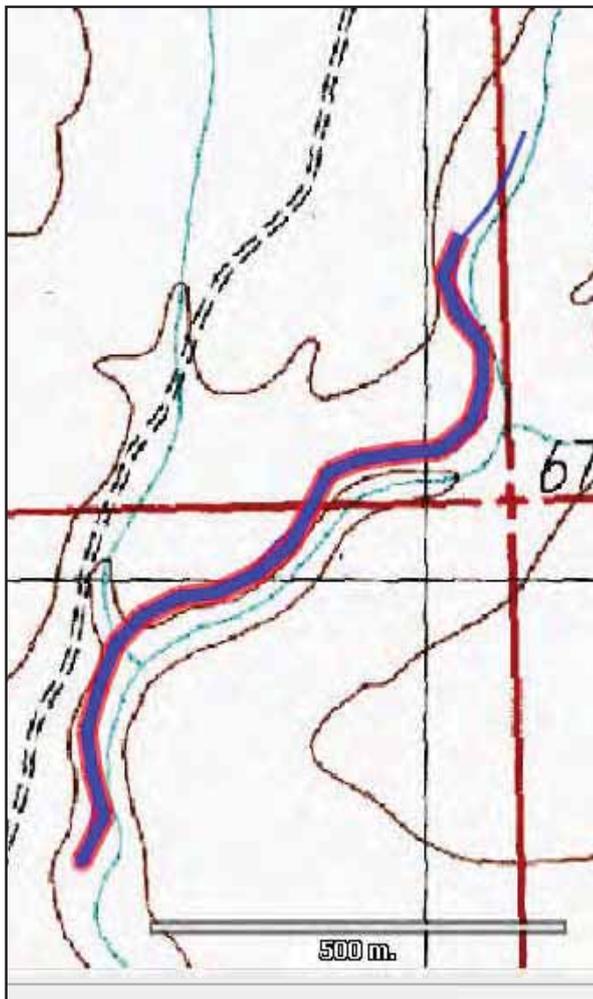


Figure 2.2G. SageGrouse Brood Rearing Transects (Page 6 of 8)

Lost Creek Sage Grouse Brood Survey 2011			
Transect ID		USGS Quad	
Lost Creek #2		Osborne Draw	
Bank Side / Direction		Legal Description	
Right / West		SE1/4Sec 25, T26N, R95W and SW1/4 Sec30, T26N, R94W	
NAD 83	East	North	Comments
Start/End Point	738492	4675582	Where two track road intersects creek
Start/End Point	739267	4674969	Mail BLM road at culvert
Dominant Vegetation	Carex nebrascensis, Agrostis stolonifera, Eleocharis palustris, Junucus balticus, unknown composite		
Notes	Transect walking path stays in sage fringe above channel.		

Maps

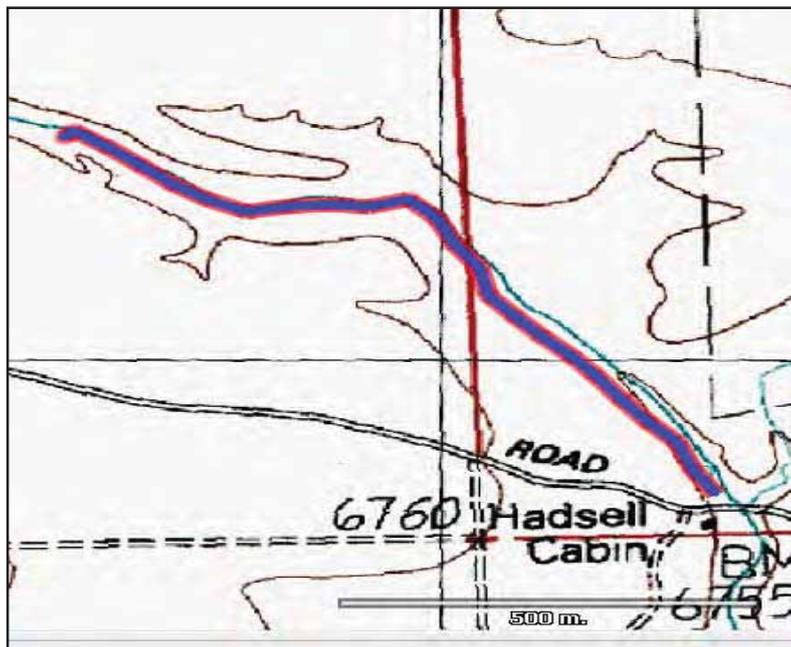


Figure 2.2G. SageGrouse Brood Rearing Transects (Page 7 of 8)

Lost Creek Sage Grouse Brood Survey 2011			
Transect ID Stewart Creek #1		USGS Quad Bull Springs and Baroil	
Bank Side / Direction Right / West		Legal Description NW1/4 Sec29, T25N, R90W	
NAD 83	East	North	Comments
Start/End Point	284162	4666307	Just below dam
Start/End Point	284281	4665194	Very close to two track road
Dominant Vegetation	Carex nebrascensis, Agrostis stolonifera		
Notes	Transect walking path stays in sage fringe above channel.		

Maps

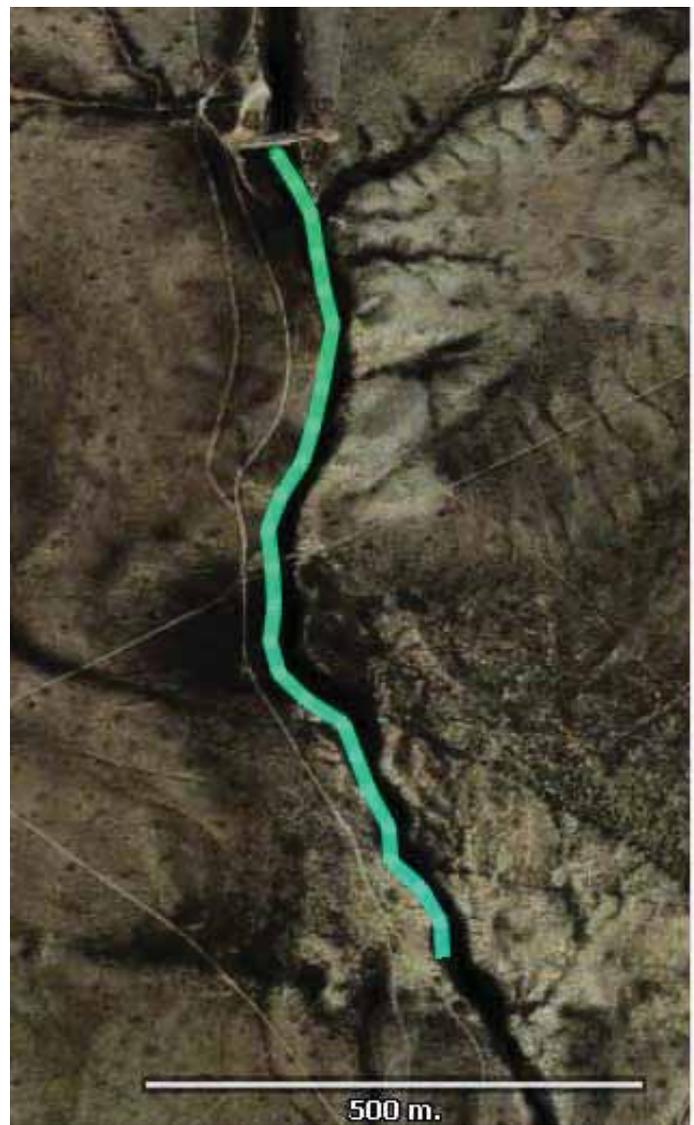
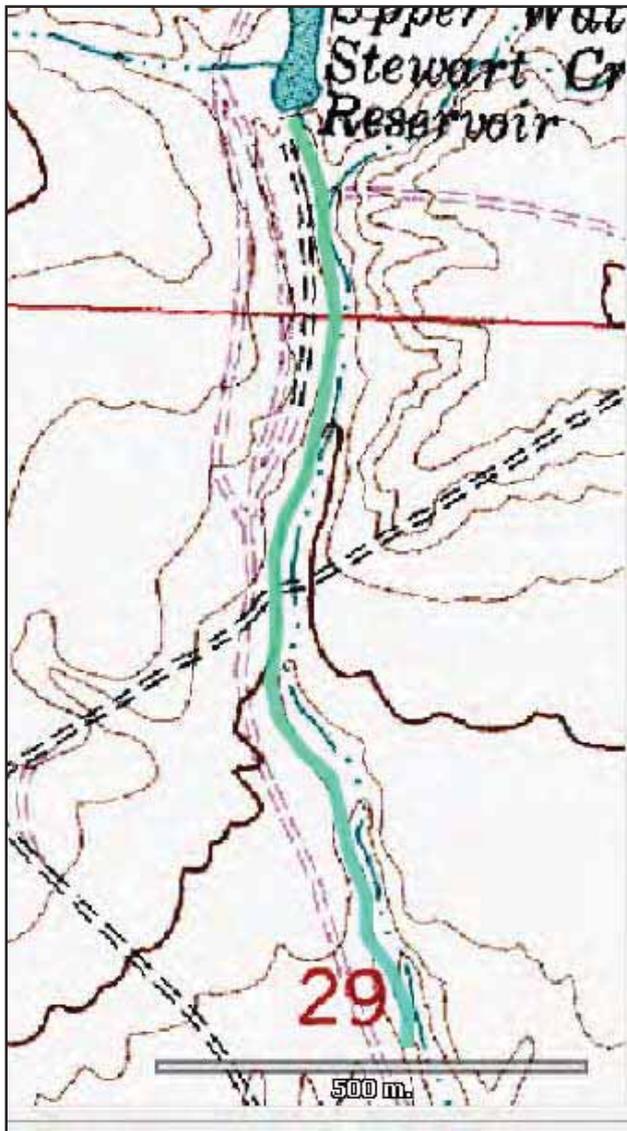
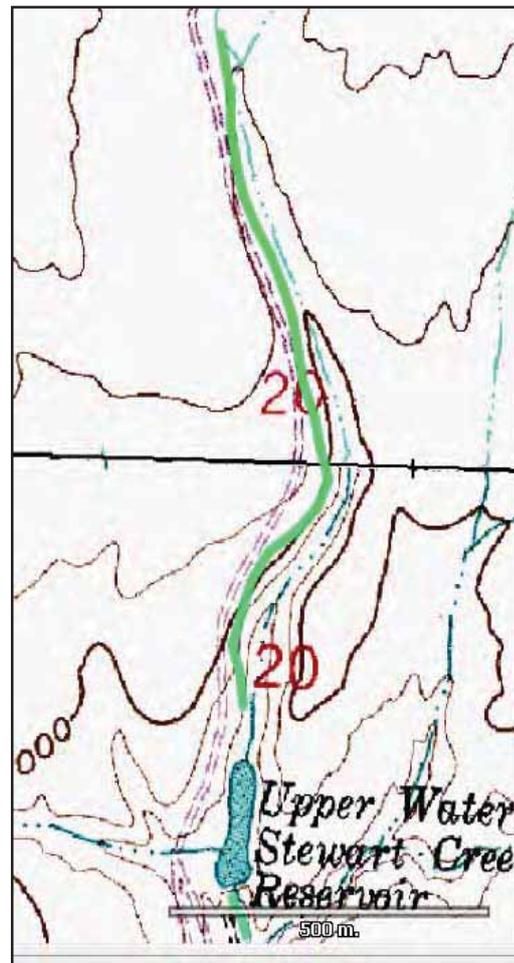


Figure 2.2G. SageGrouse Brood Rearing Transects (Page 8 of 8)

Lost Creek Sage Grouse Brood Survey 2011			
Transect ID Stewart Creek #2		USGS Quad Bull Springs and Baroil	
Bank Side / Direction Right / west		Legal Description NW1/4 Sec20, T25N, R92W	
NAD 83	East	North	Comments
Start/End Point	284165	4666592	Single tee-post just above tailwater of reservoir and just below a four tee-post exclusion cage in riparian area
Start/End Point	284129	4667583	At the end of the moist riparian area where rabbit brush narrows into channel
Dominant Vegetation	Carex nebrascensis, Agrostis stolonifera		
Notes	Transect walking path stays in sage fringe above channel. Some broad areas in riparian bottom (100 meters wide).		

Maps



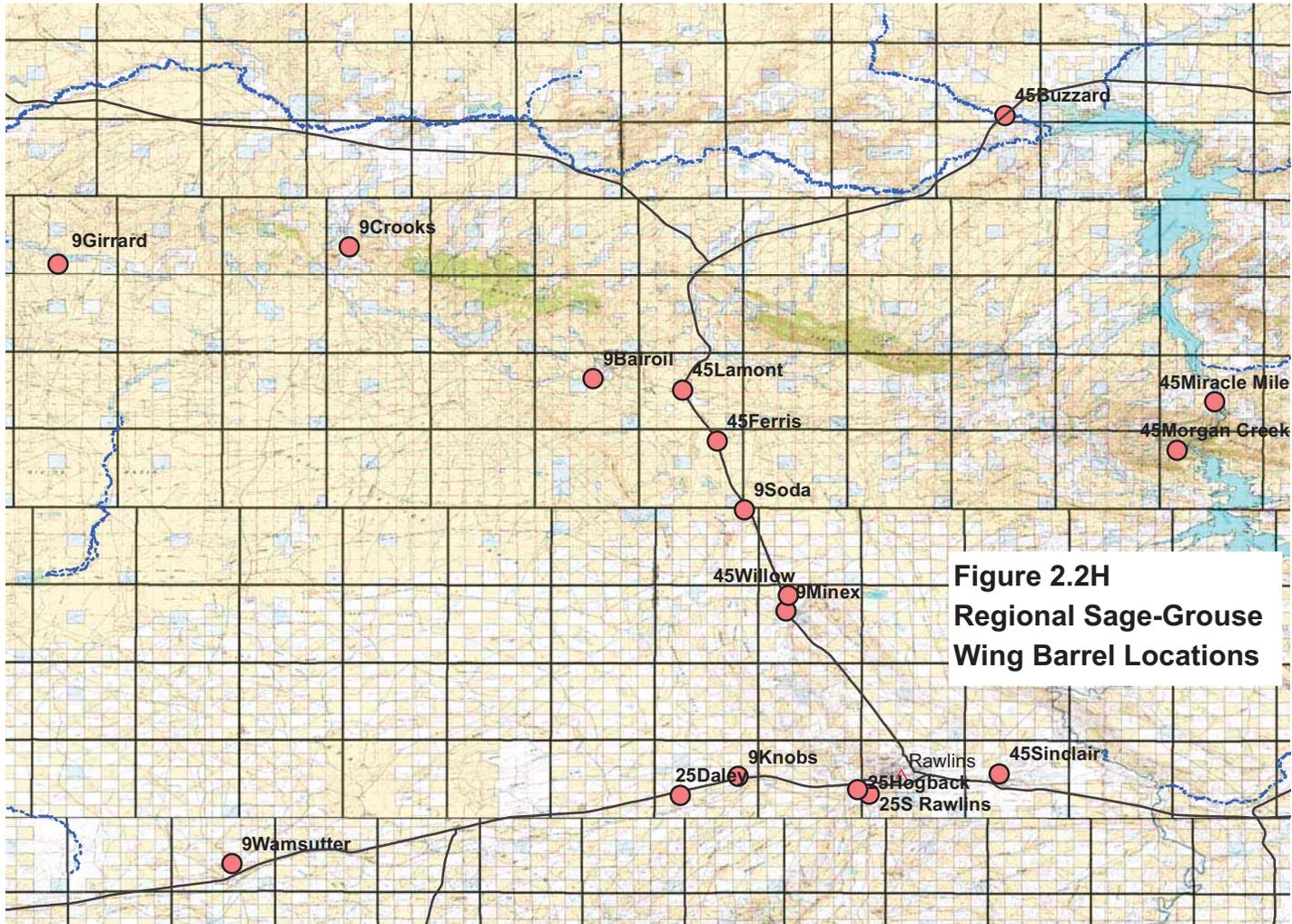


Figure 2.2H
Regional Sage-Grouse
Wing Barrel Locations

Figure 2.2I. WGFD upland game bird hunter management areas; affected wings were those collected from hunt area 9 and reference wings were those collected from hunt areas 8 and 45.

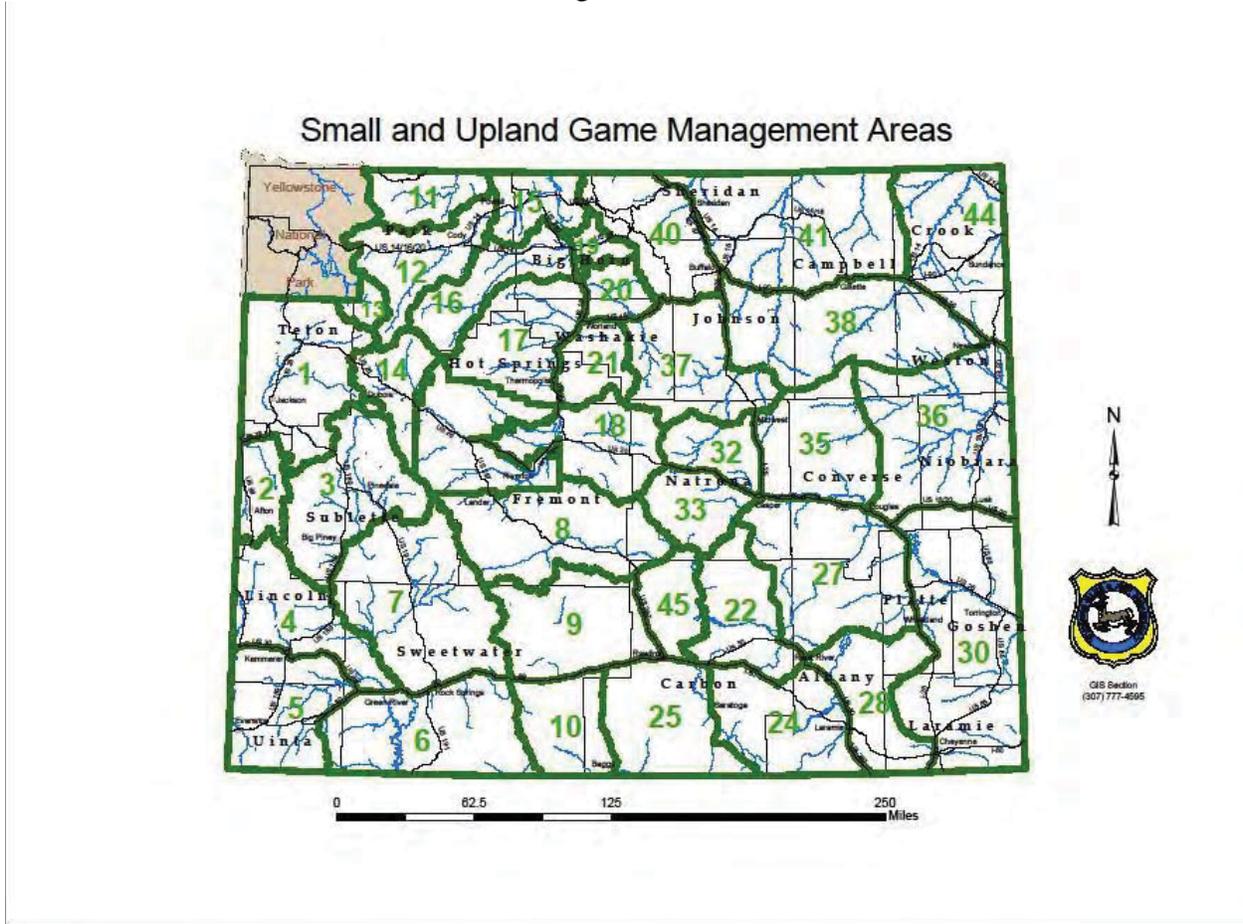
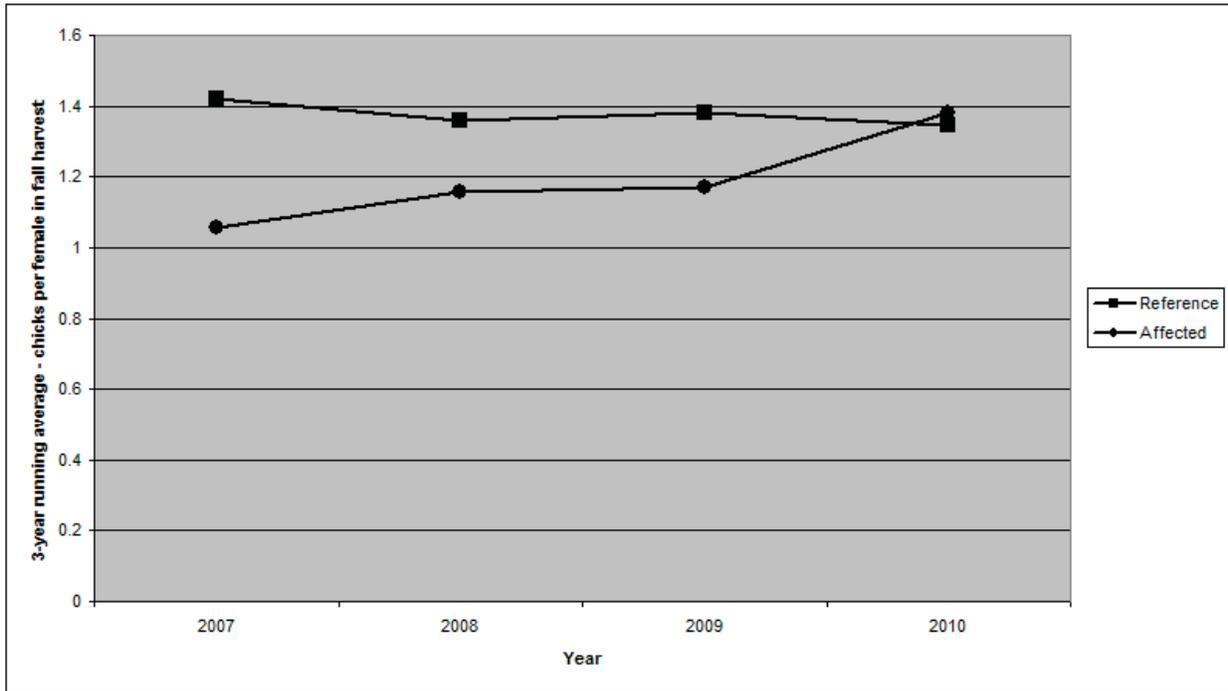
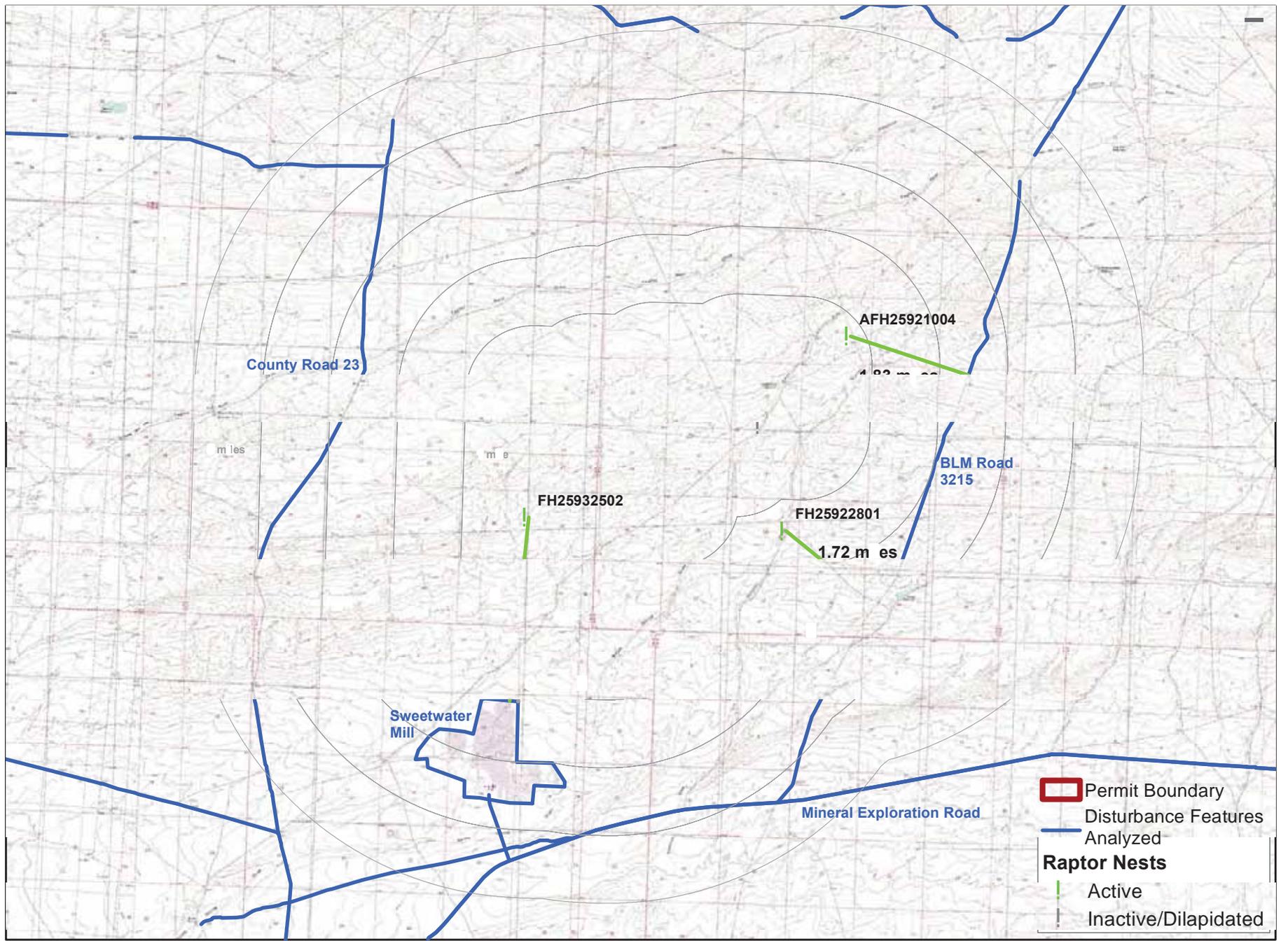


Figure 2.2J. Graph of 3-year average of chicks per female in the fall harvest of Affected and Reference leks in the general Lost Creek area. Note that the lines are not diverging, thus slopes of the lines were not calculated.





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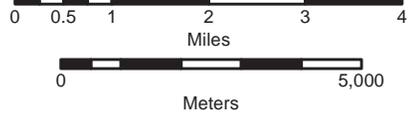
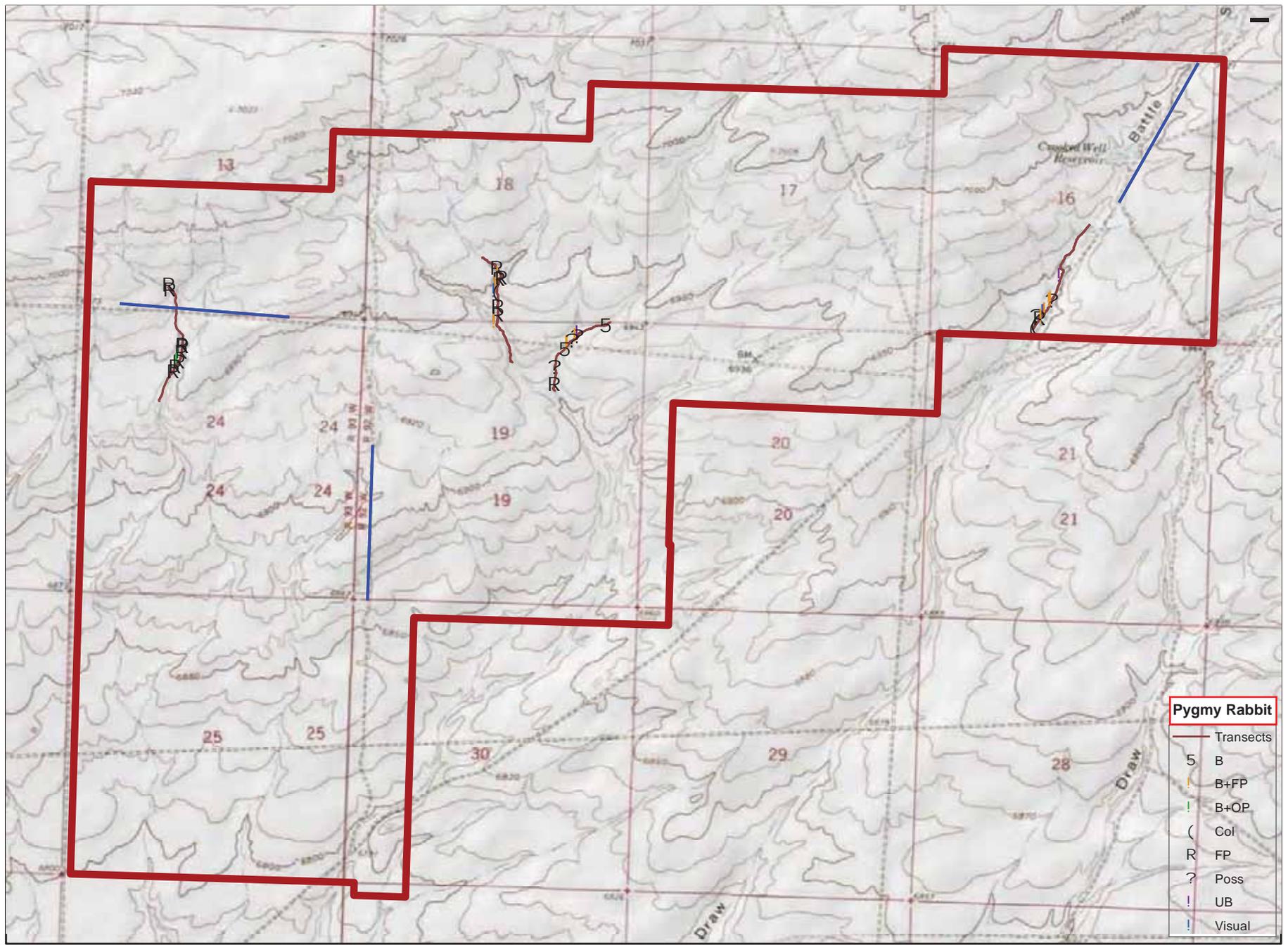


Figure 2.3A LOST CREEK
Raptor Nest Survey, Measure of Nearest
Disturbance -2011



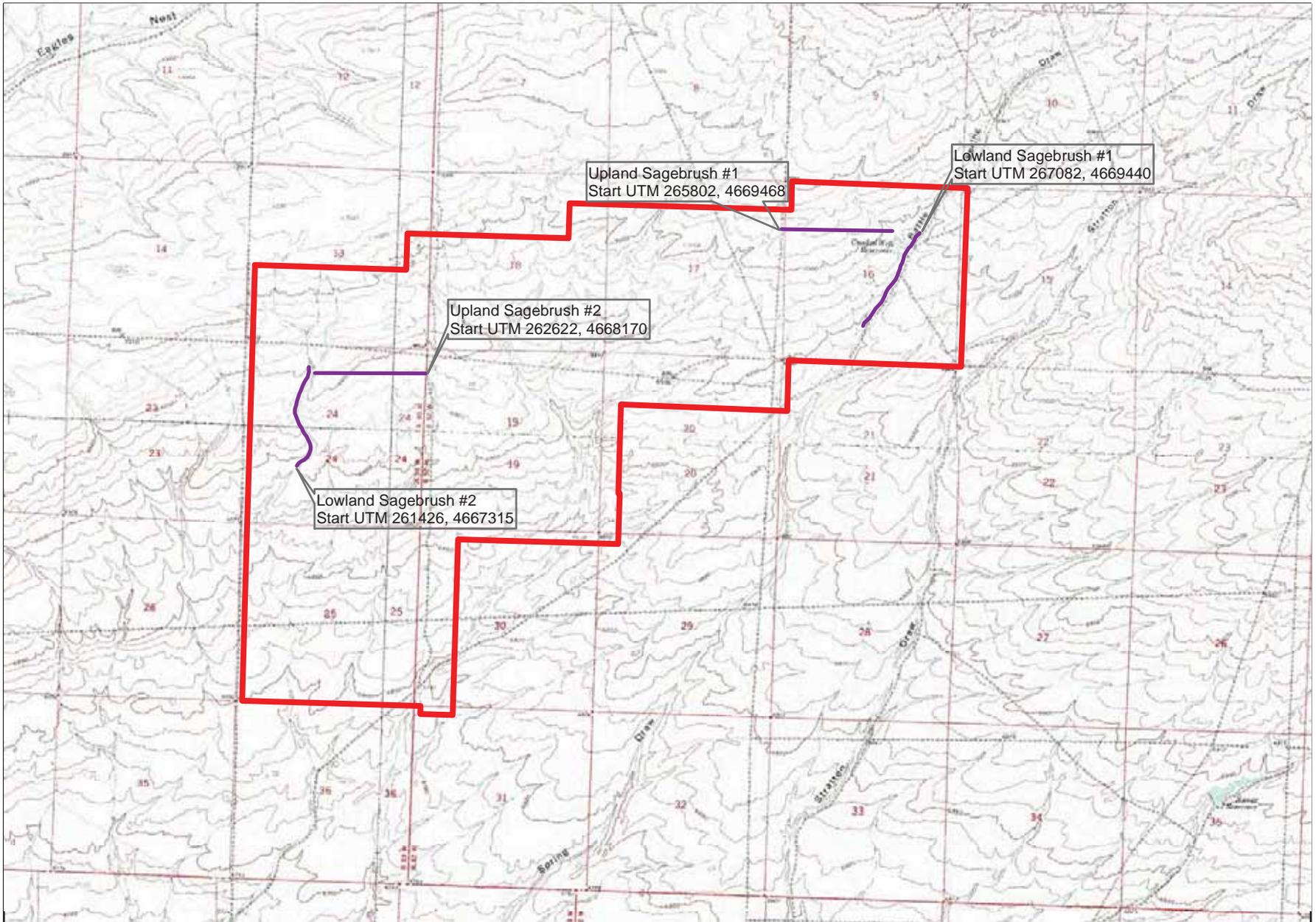
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0 0.5 1
Miles

0 500 1,000
Meters

— Lagomorph Spotlight Transects

LOST CREEK
Figure 2.3 B Pygmy Rabbit and Lagomorph
Survey 2011



Lost Creek Permit Boundary
 Survey Transects

0 1:50,000 1
Miles

Figure 2.4A LOST CREEK
 Migratory Birds of High Federal Interest
 Survey Transects 2011

