

Aquatic Habitat Conservation Plan and Candidate Conservation Agreement with Assurances



FINAL

October 2006 • Volume 1 (Oversize Maps)

Aquatic Habitat Conservation Plan and Candidate Conservation Agreement with Assurances

Prepared for:

National Marine Fisheries Service U.S. Fish and Wildlife Service

Prepared by:



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GREEN DIAMOND AHCP/CCAA

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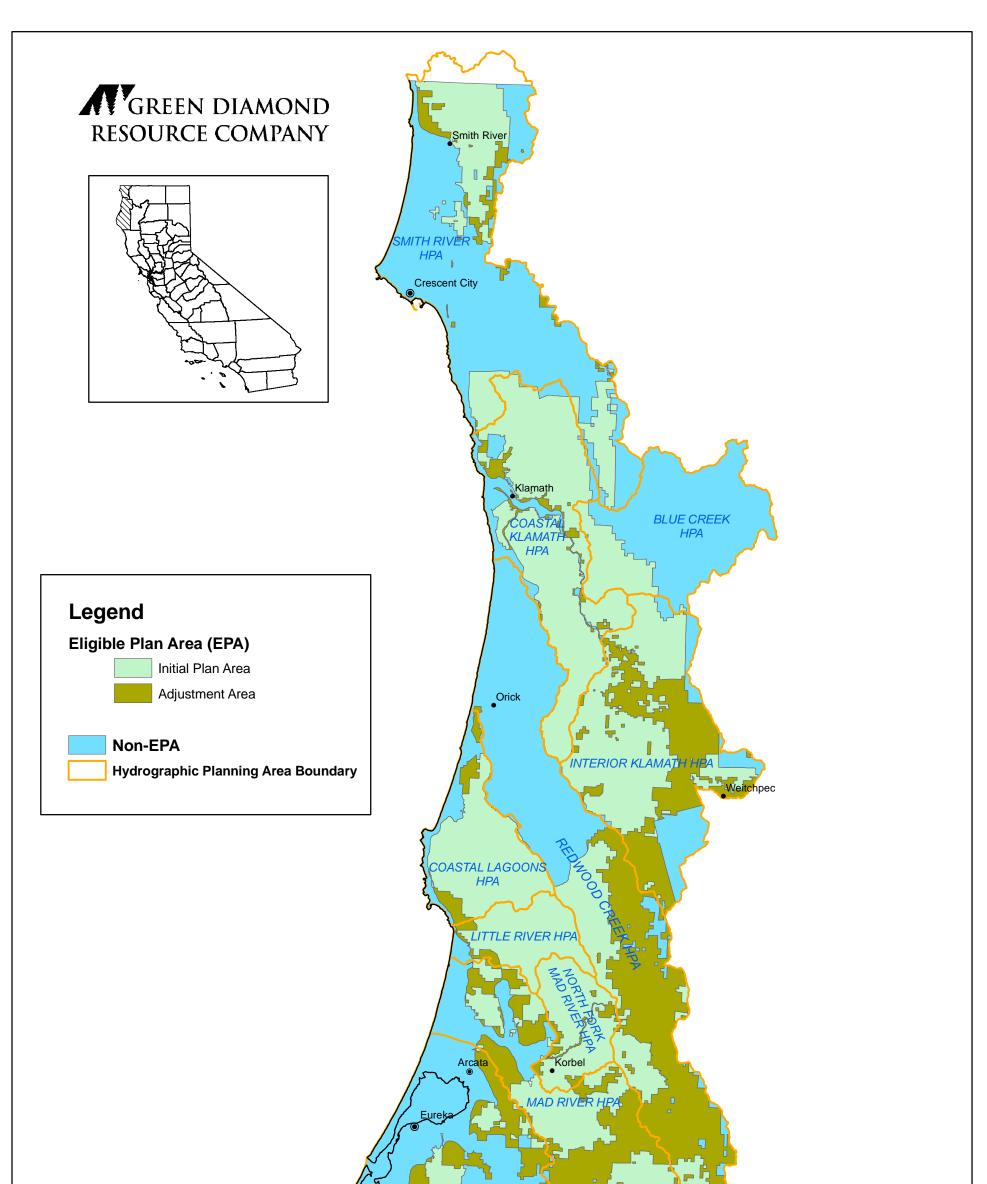




Figure S-1. Hydrographic Planning Areas, Initial Plan Area, and Adjustment Area

1

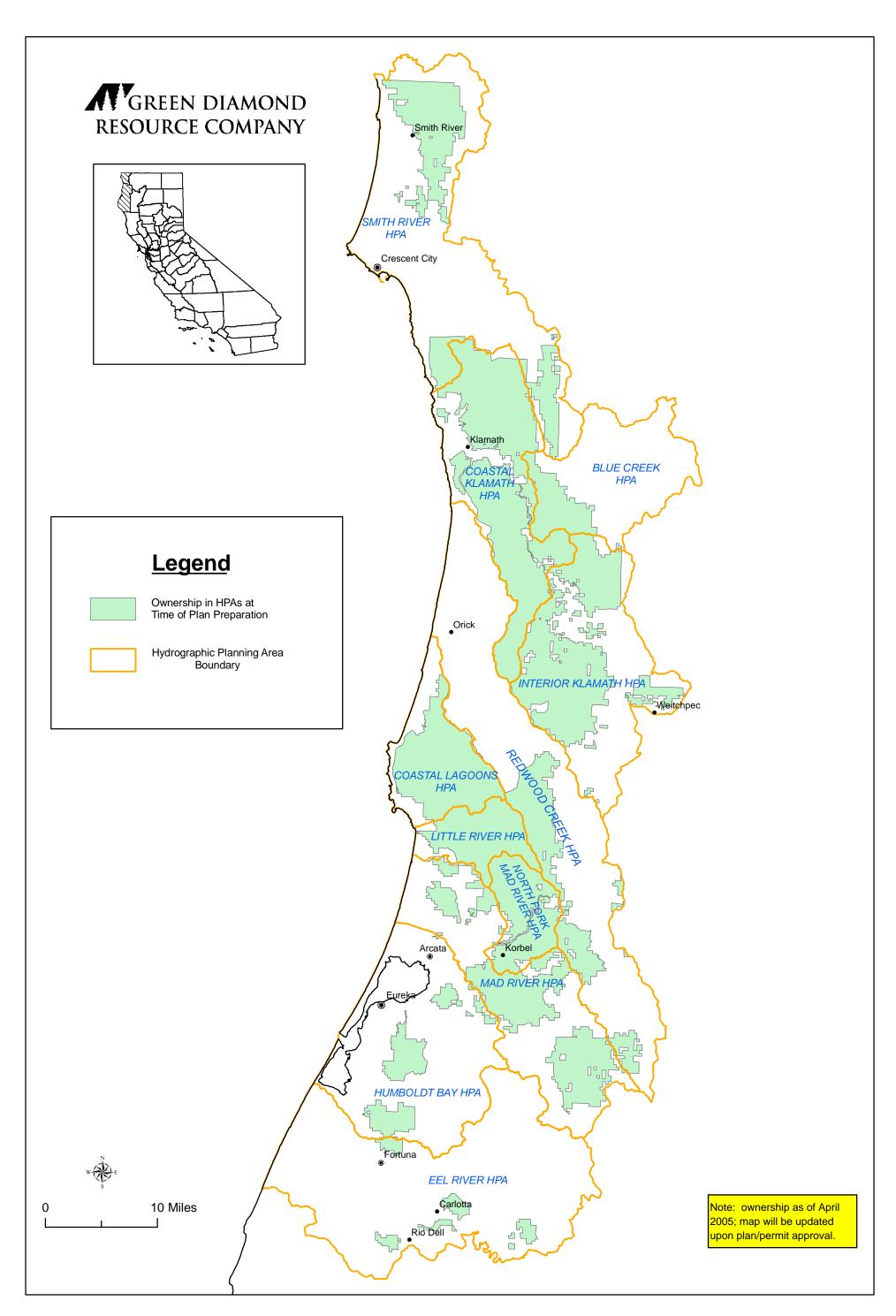


Figure 1-1. Hydrographic Planning Areas and Initial Plan Area

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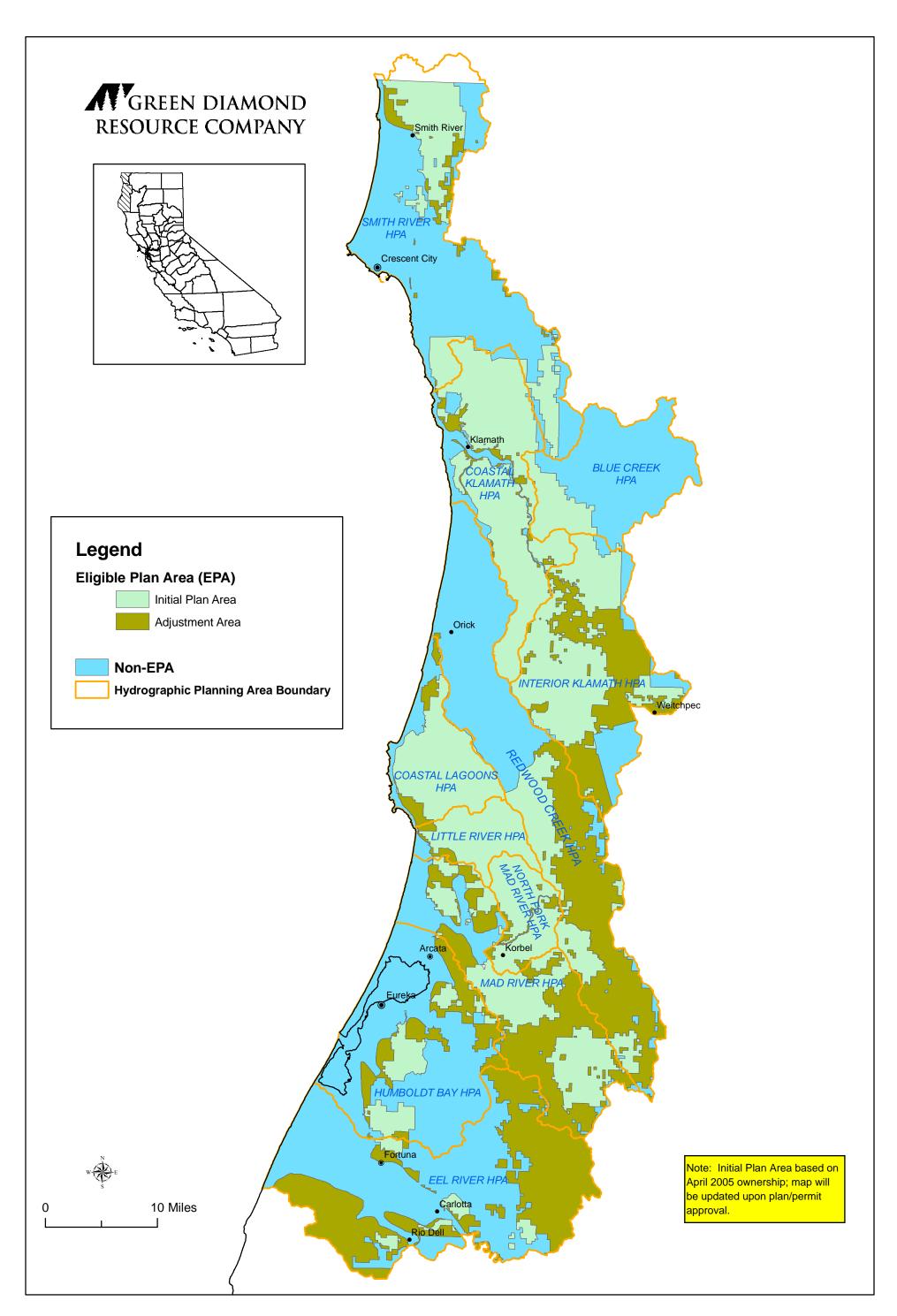


Figure 1-2. Eligible Plan Area. (The Initial Plan Area and Adjustment Area constitute the Eligible Plan Area.)

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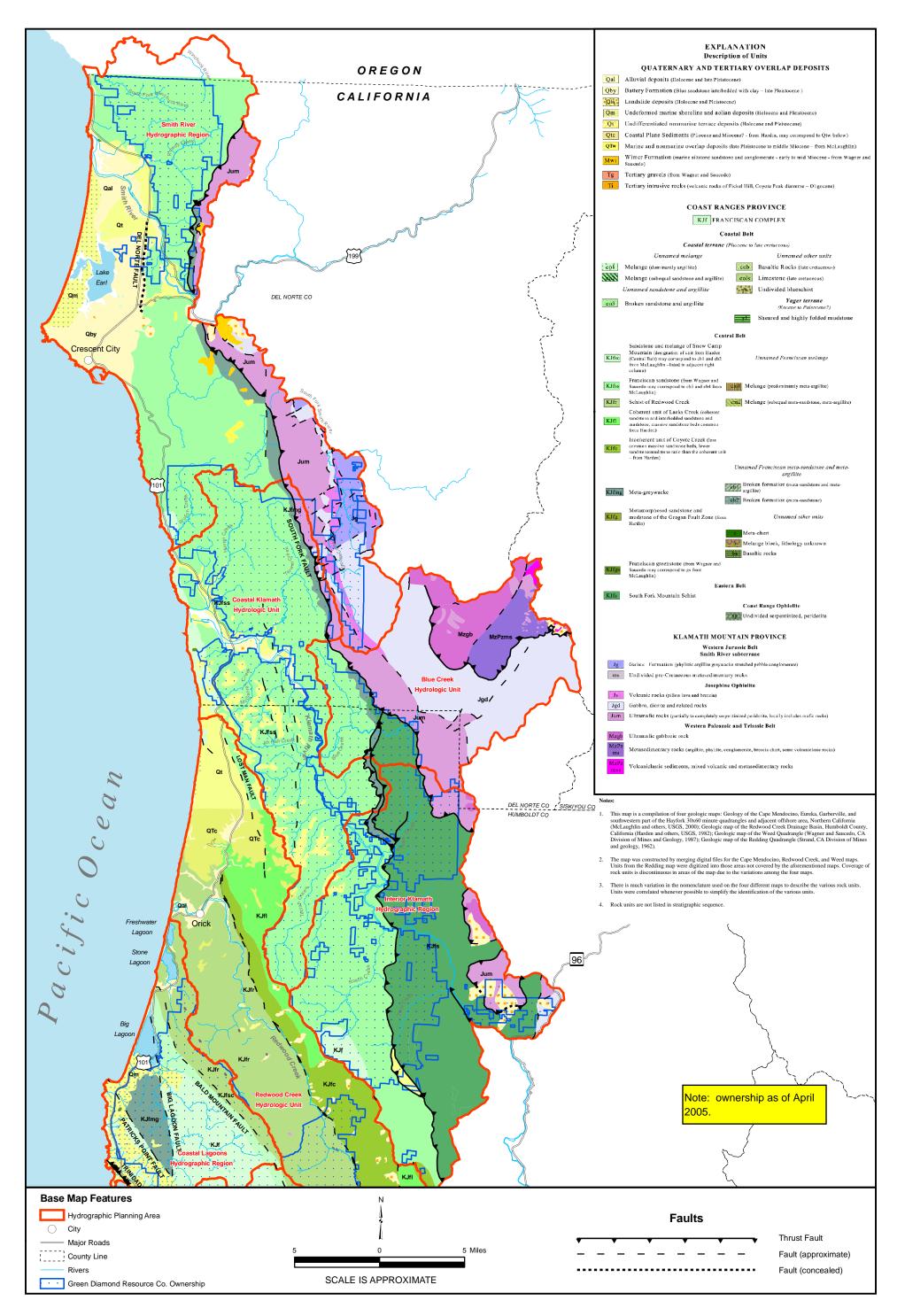
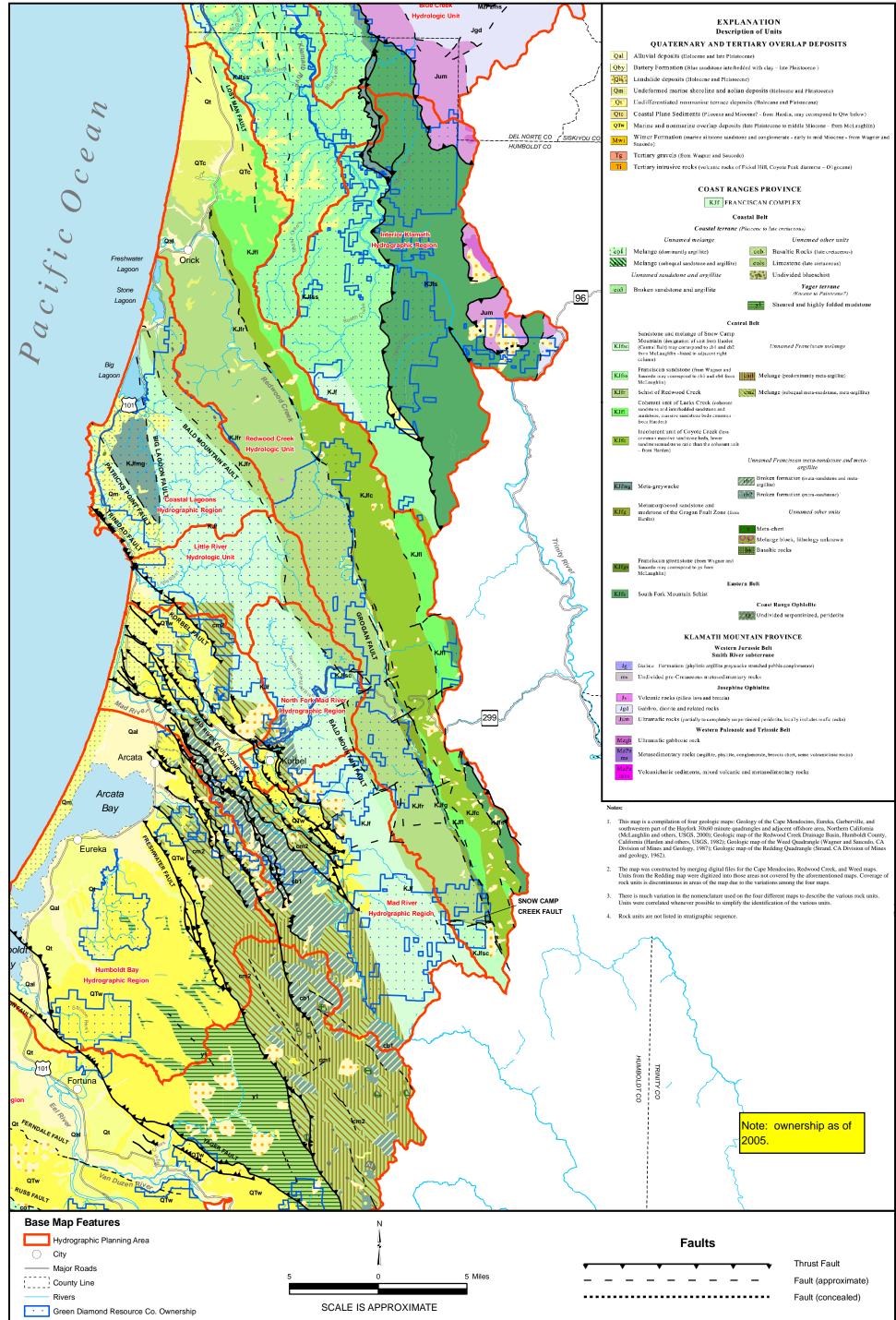


Figure 4-1(A). Geologic map of the HPAs and Original Assessed Ownership.

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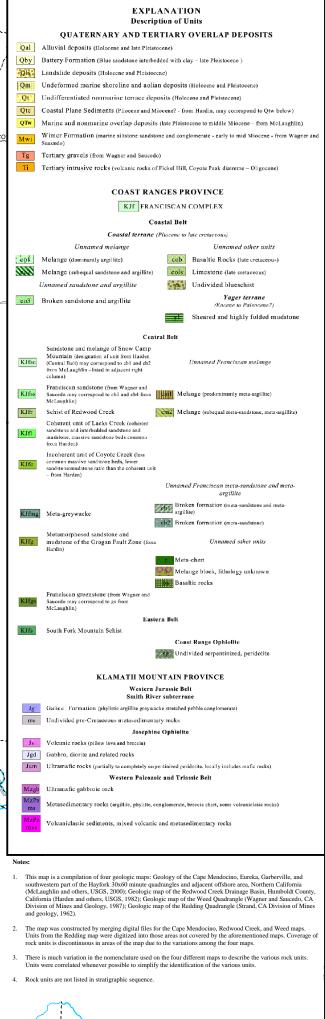


Figure 4-1(B). Geologic map of the HPAs and Original Assessed Ownership.

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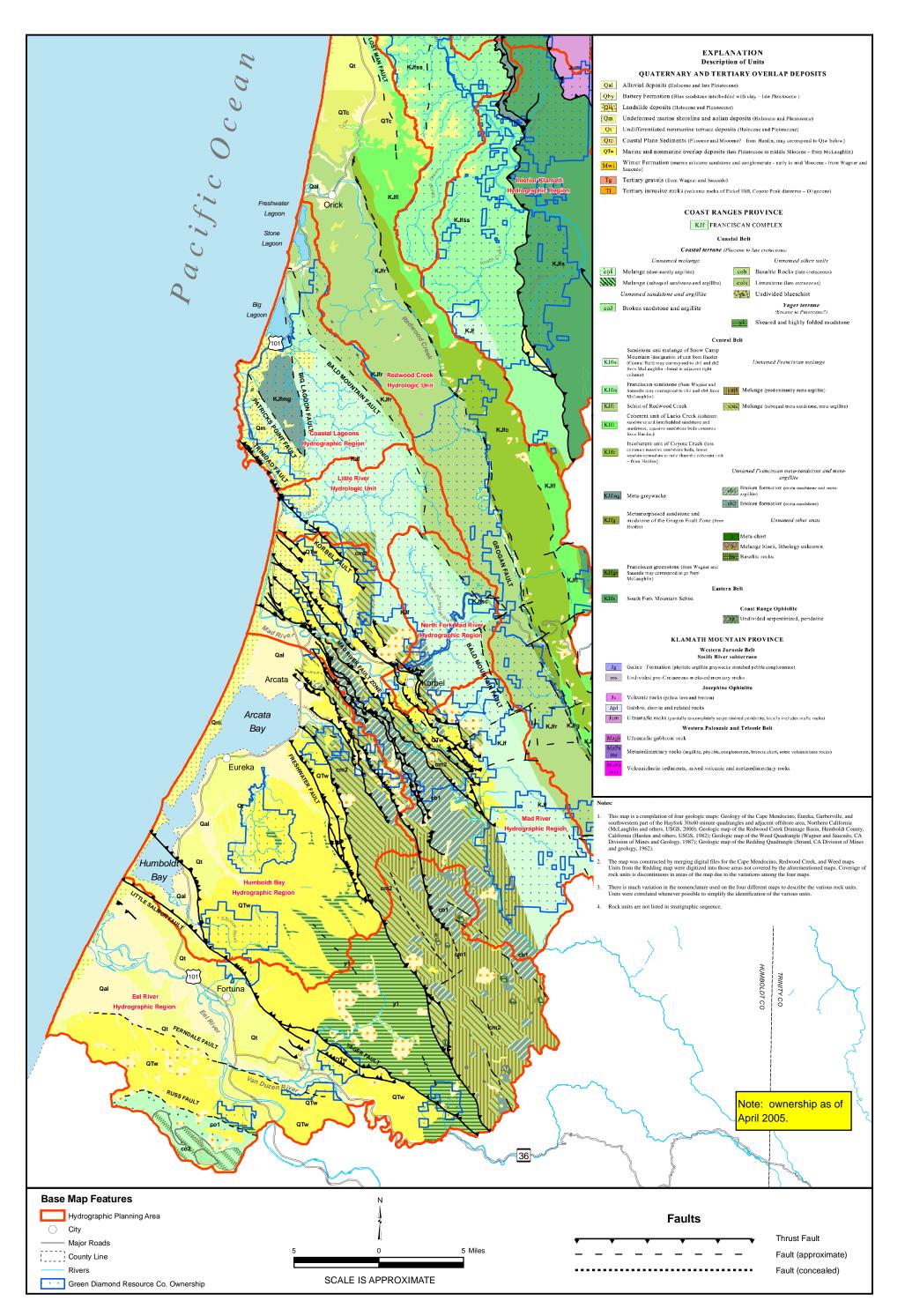


Figure 4-1(C). Geologic map of the HPAs and Original Assessed Ownership.

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EXPLANATION Description of Units

QUATERNARY AND TERTIARY OVERLAP DEPOSITS



- Qby Battery Formation (Blue sandstone interbedded with clay - late Pleistocene)
- QIS Landslide deposits (Holocene and Pleistocene)
- Qm Undeformed marine shoreline and aolian deposits (Holocene and Pleistocene)
- Qt Undifferentiated nonmarine terrace deposits (Holocene and Pleistocene)
- Qtc Coastal Plane Sediments (Pliocene and Miocene? - from Hardin, may correspond to Qtw below)
- QTw Marine and nonmarine overlap deposits (late Pleistocene to middle Miocene - from McLaughlin)
- Wimer Formation (marine siltstone sandstone and conglomerate early to mid Miocene from Wagner and Mwi Saucedo)
 - Tertiary gravels (from Wagner and Saucedo)

Tg

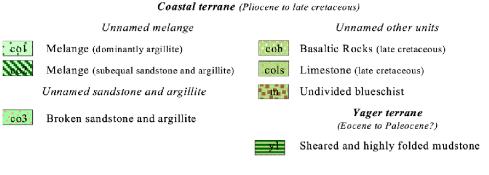
Ti

Tertiary intrusive rocks (volcanic rocks of Fickel Hill, Coyote Peak diatreme - Oligocene)

COAST RANGES PROVINCE



Coastal Belt



Central Belt

KJfsc	Sandstone and melange of Snow Camp Mountain (designation of unit from Harden (Central Belt) may correspond to cb1 and cb2 from McLaughlin –listed in adjacent right column)	Unnamed Franciscan melange
KJfss	Franciscan sandstone (from Wagner and Saucedo may correspond to cb3 and cb4 from McLaughlin)	Call Melange (predominantly meta-argillite)
KJfr	Schist of Redwood Creek	cm2 Mclangc (subequal meta-sandstone, meta-argillite)
KJfl	Coherent unit of Lacks Creek (coherent sandstone and interbedded sandstone and mudstone, massive sandstone beds common – from Harden)	
KJfc	Incoherent unit of Coyote Creek (less common massive sandstone beds, lower sandstone:mudstone ratio than the coherent un – from Harden)	it
		Unnamed Franciscan meta-sandstone and meta- argillite
KJfmg	Meta-greywacke	Broken formation (meta-sandstone and meta- argillite) Cb2 Broken formation (meta-sandstone)
		broken formation (meta-sandstone)
KJfg	Metamorphosed sandstone and mudstone of the Grogan Fault Zone (from Hardin)	m Unnamed other units
		Meta-chert
		Melange block, lithology unknown
		Basaltic rocks
KJfgs	Franciscan greenstone (from Wagner and Saucedo may correspond to gs from McLaughlin)	
	Eas	tern Belt
KJfs	South Fork Mountain Schist	
		Coast Range Ophiolite
		undivided serpentinized, peridotite



Western Jurassie Belt Smith River subterrane

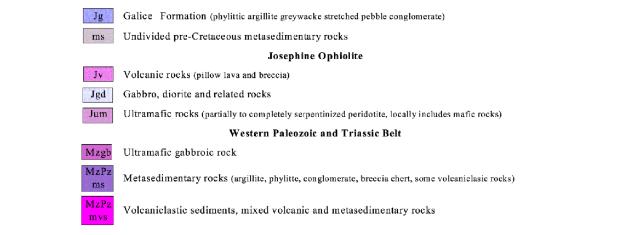


Figure 4-1(D). Legend for the geologic map of the HPAs and Original Assessed Ownership.

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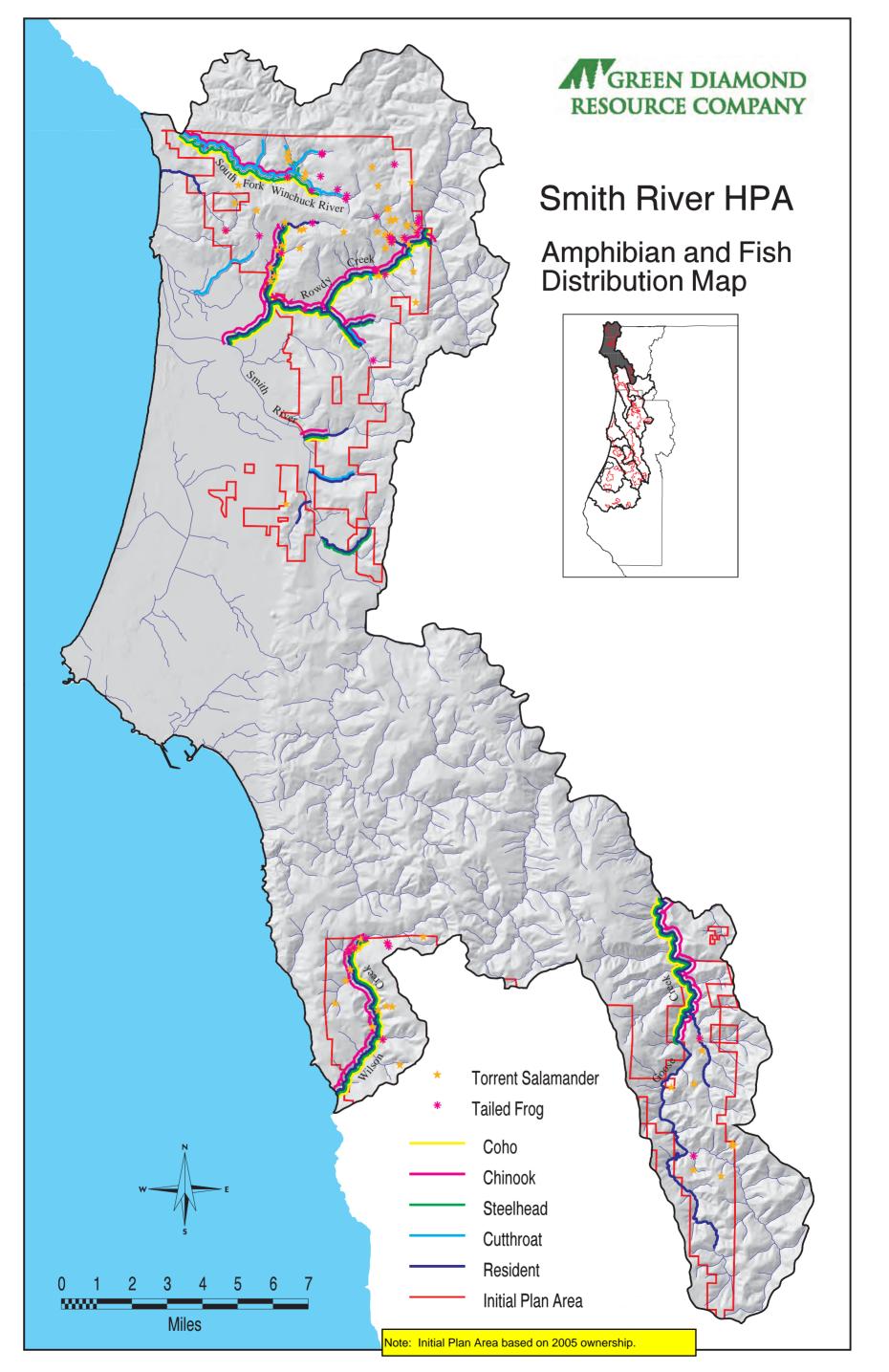


Figure 4-9. Recorded distribution of Covered Species in the Smith River HPA.

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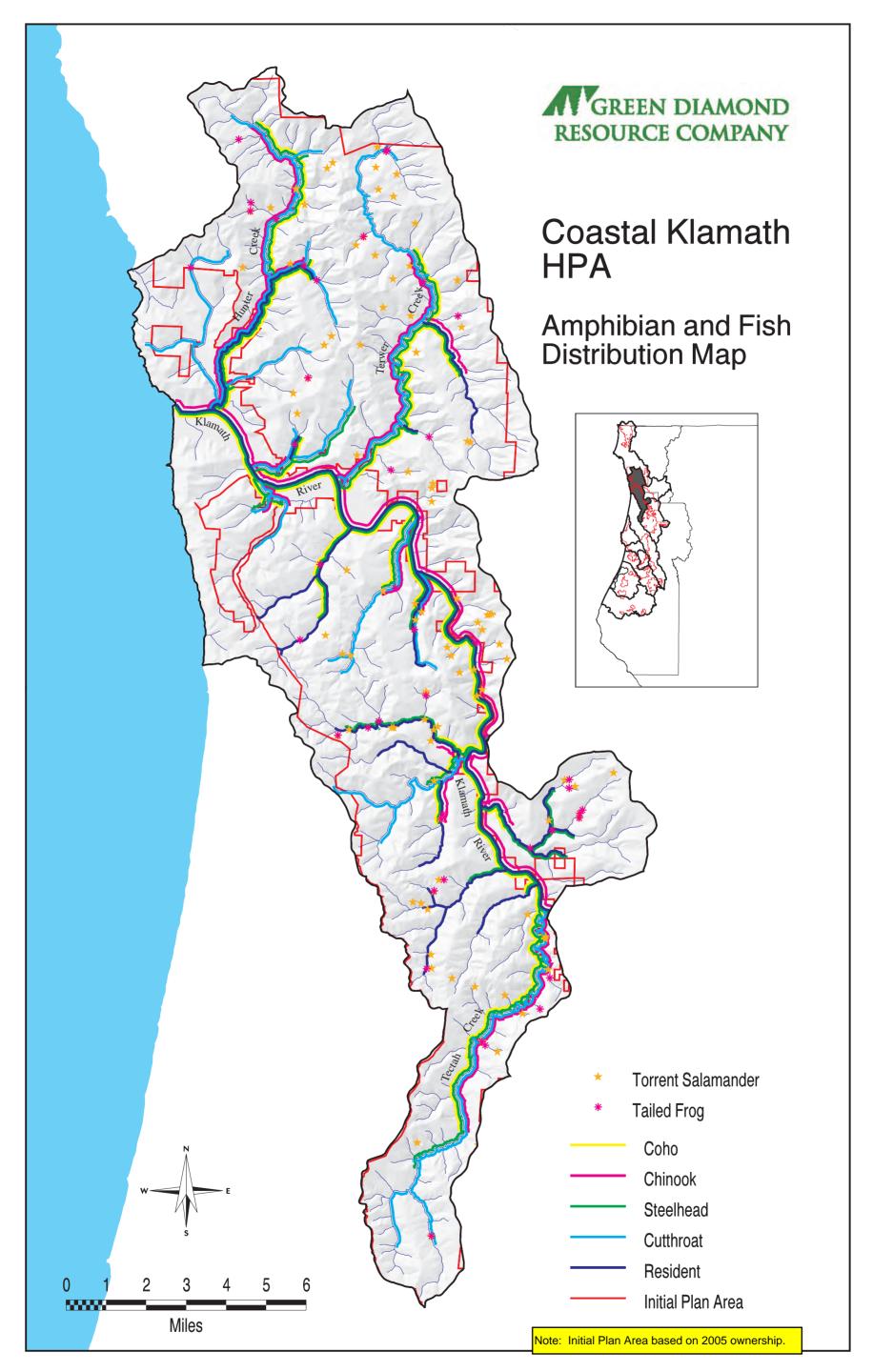
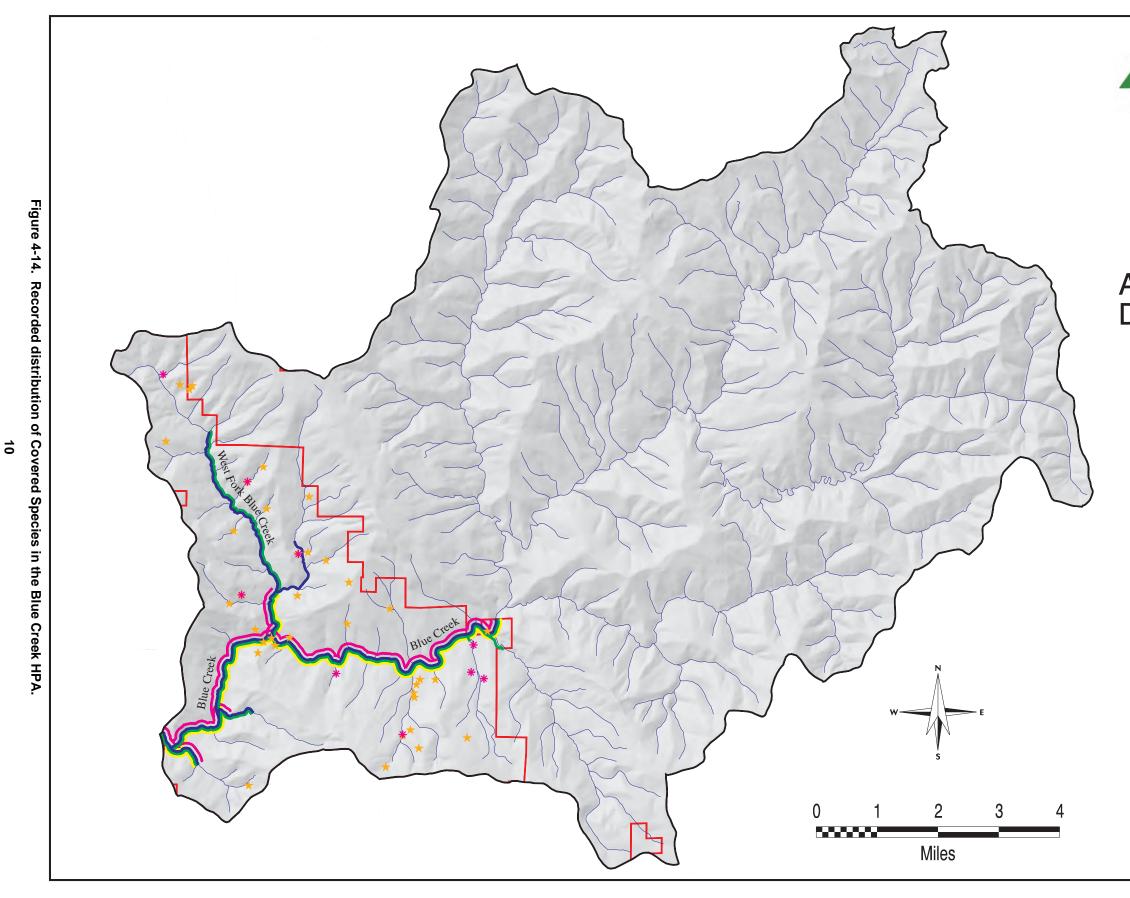


Figure 4-14. Recorded distribution of Covered Species in the Coastal Klamath HPA.

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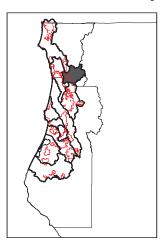


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Blue Creek HPA

Amphibian and Fish Distribution Map



- * Torrent Salamander
- * Tailed Frog
- Coho
- Chinook
- Steelhead
- Cutthroat
- Resident
- Initial Plan Area

Note: Initial Plan Area based on 2005 ownership.

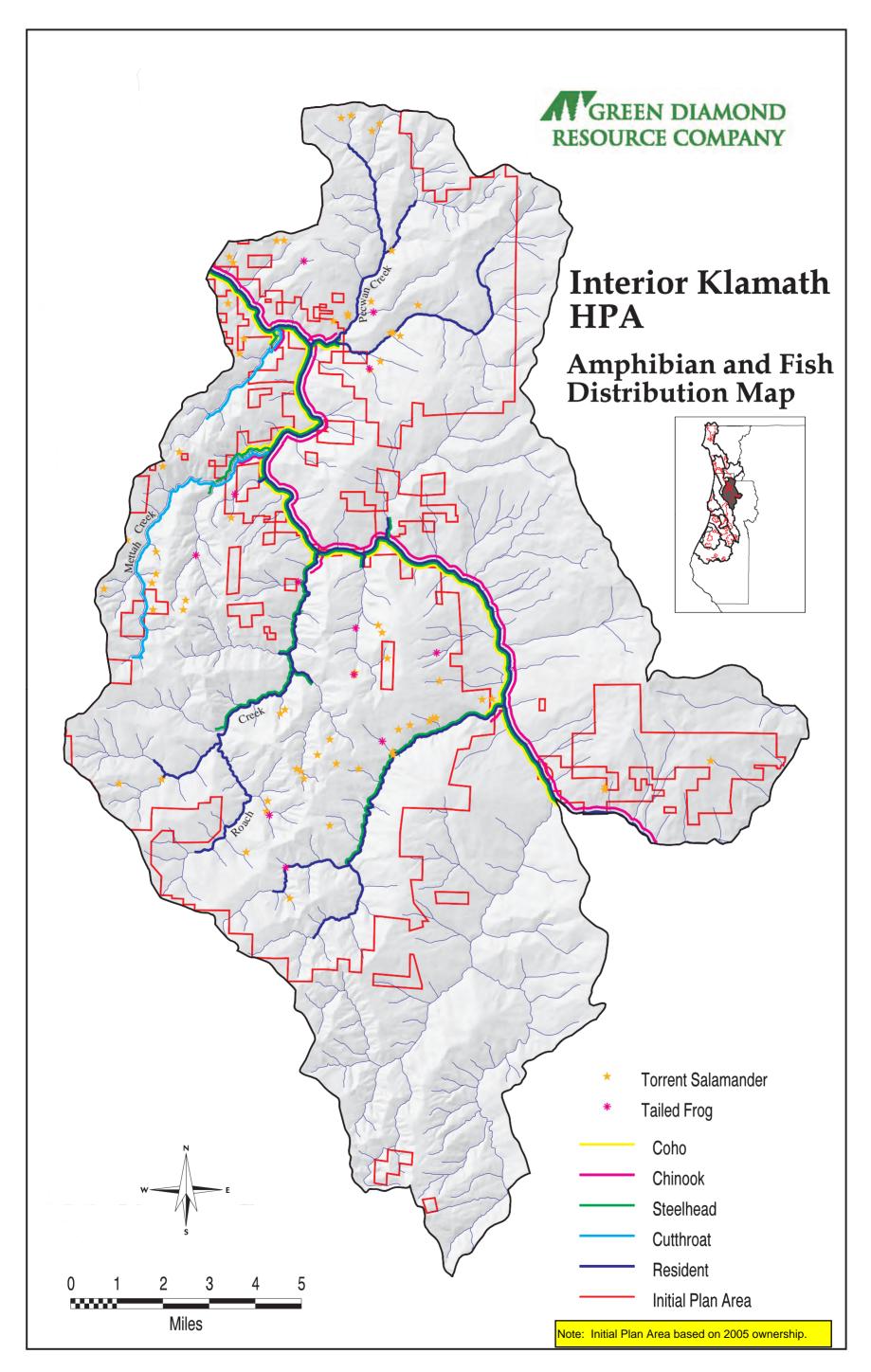


Figure 4-21. Recorded distribution of Covered Species in the Interior Klamath HPA.

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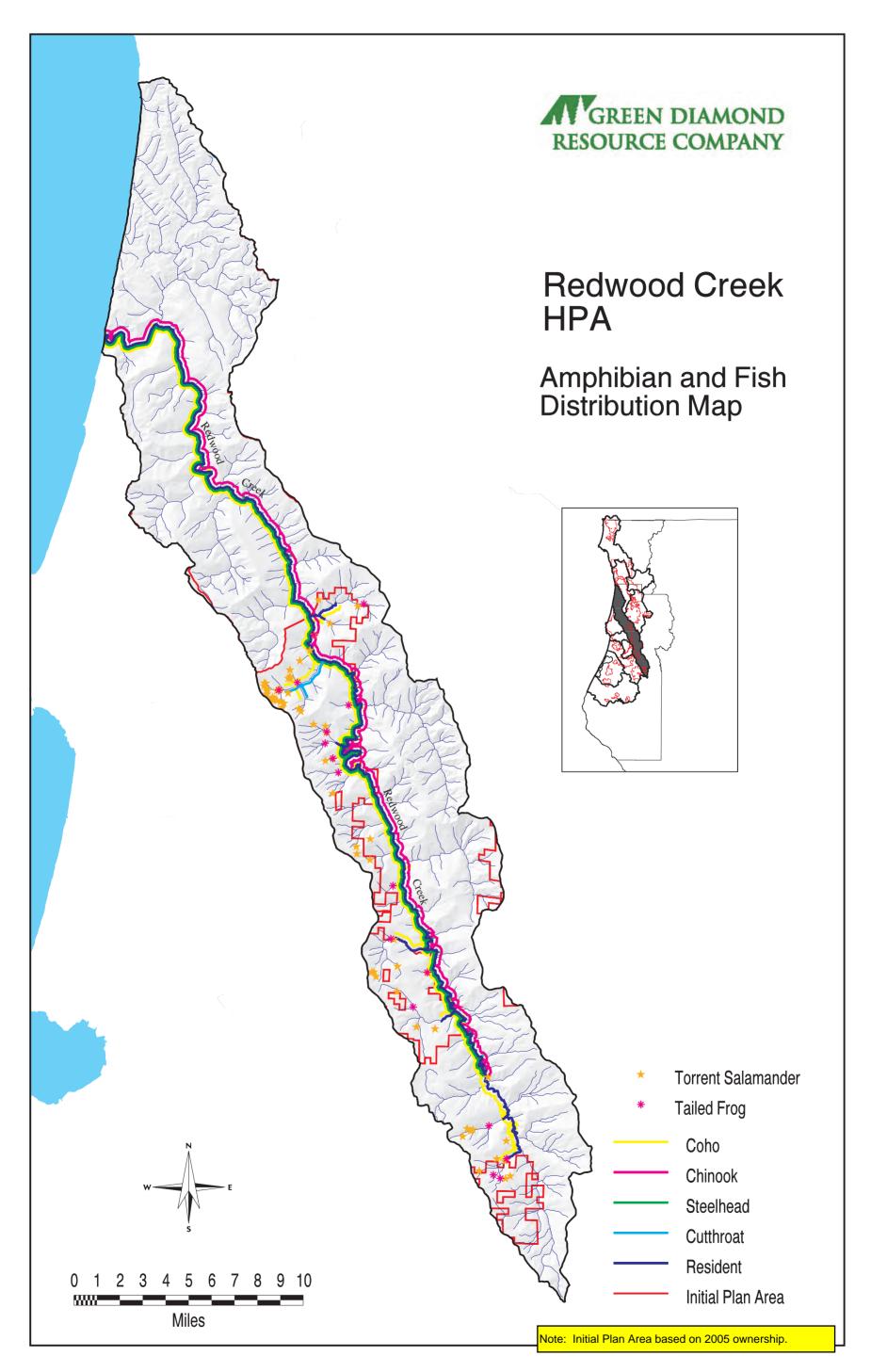


Figure 4-23. Recorded distribution of Covered Species in the Redwood Creek HPA.

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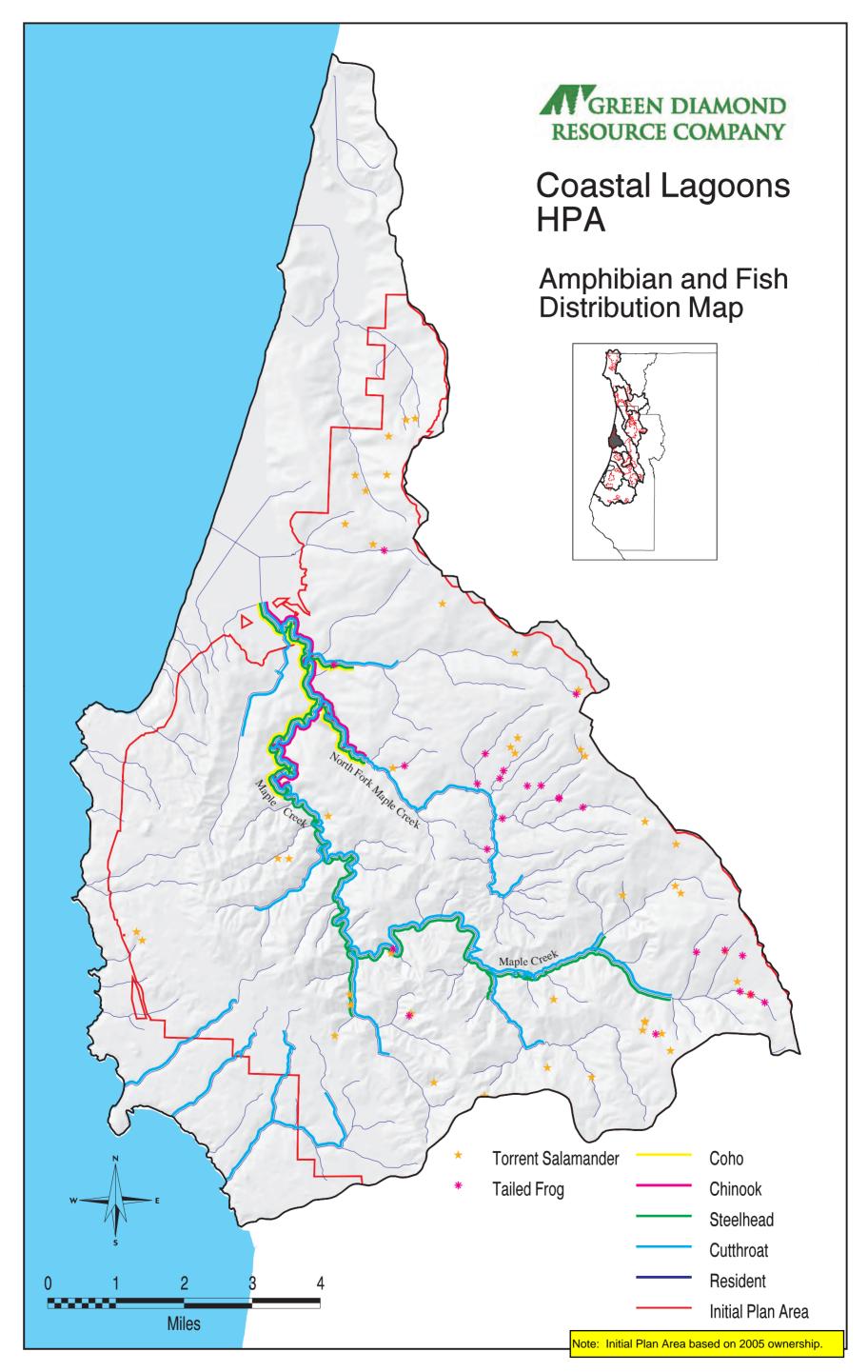
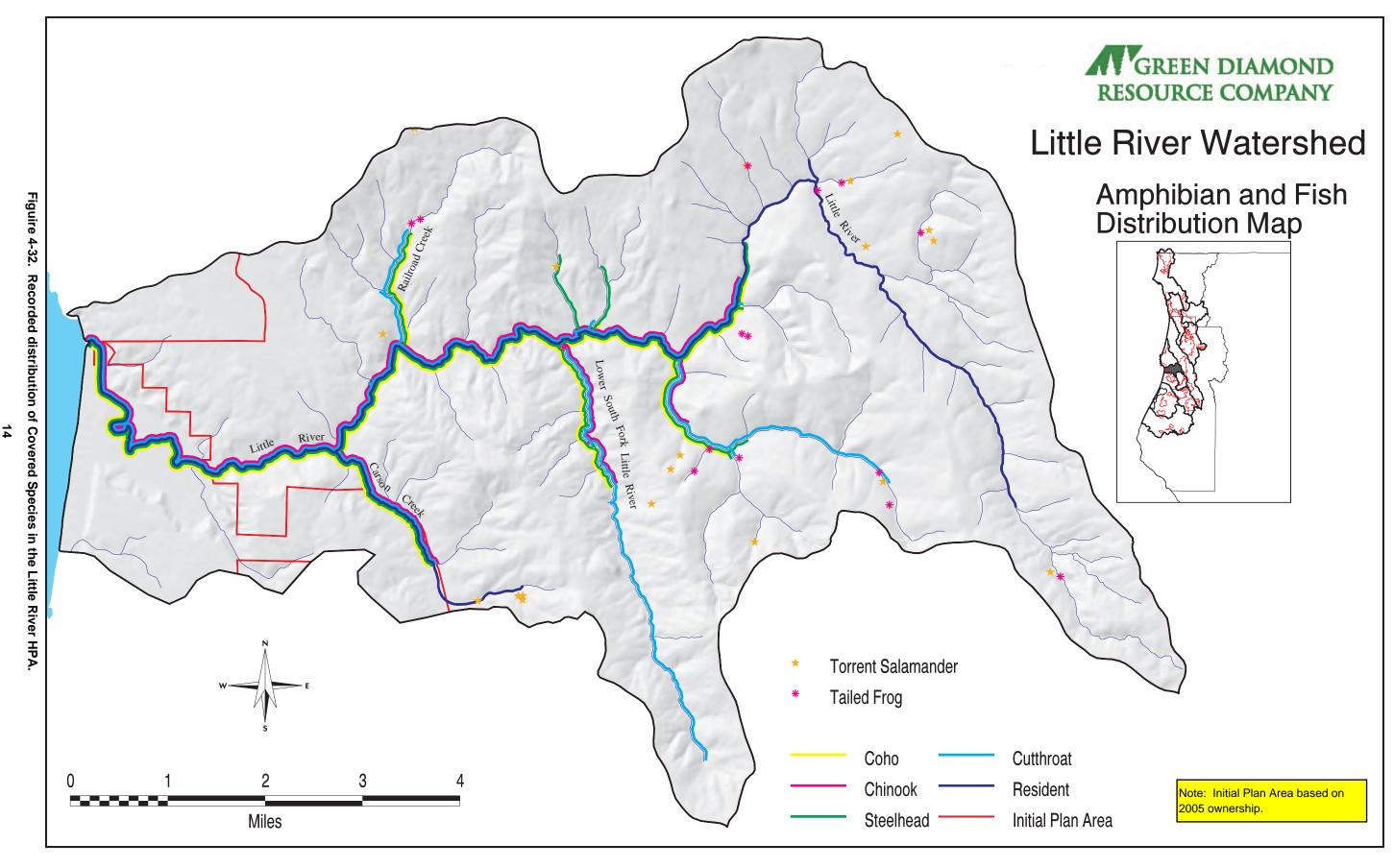
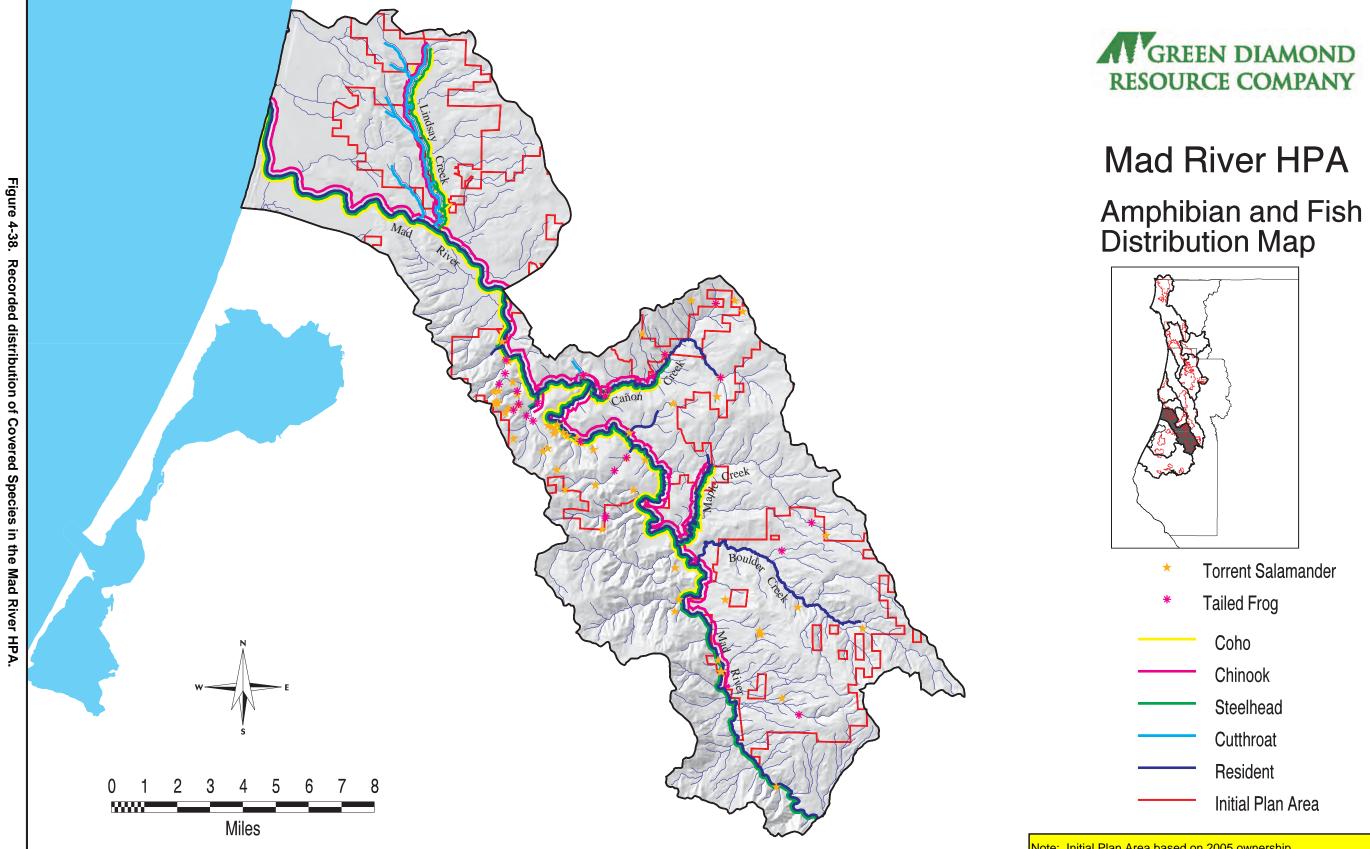


Figure 4-25. Recorded distribution of Covered Species in the Coastal Lagoons HPA.

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Note: Initial Plan Area based on 2005 ownership.

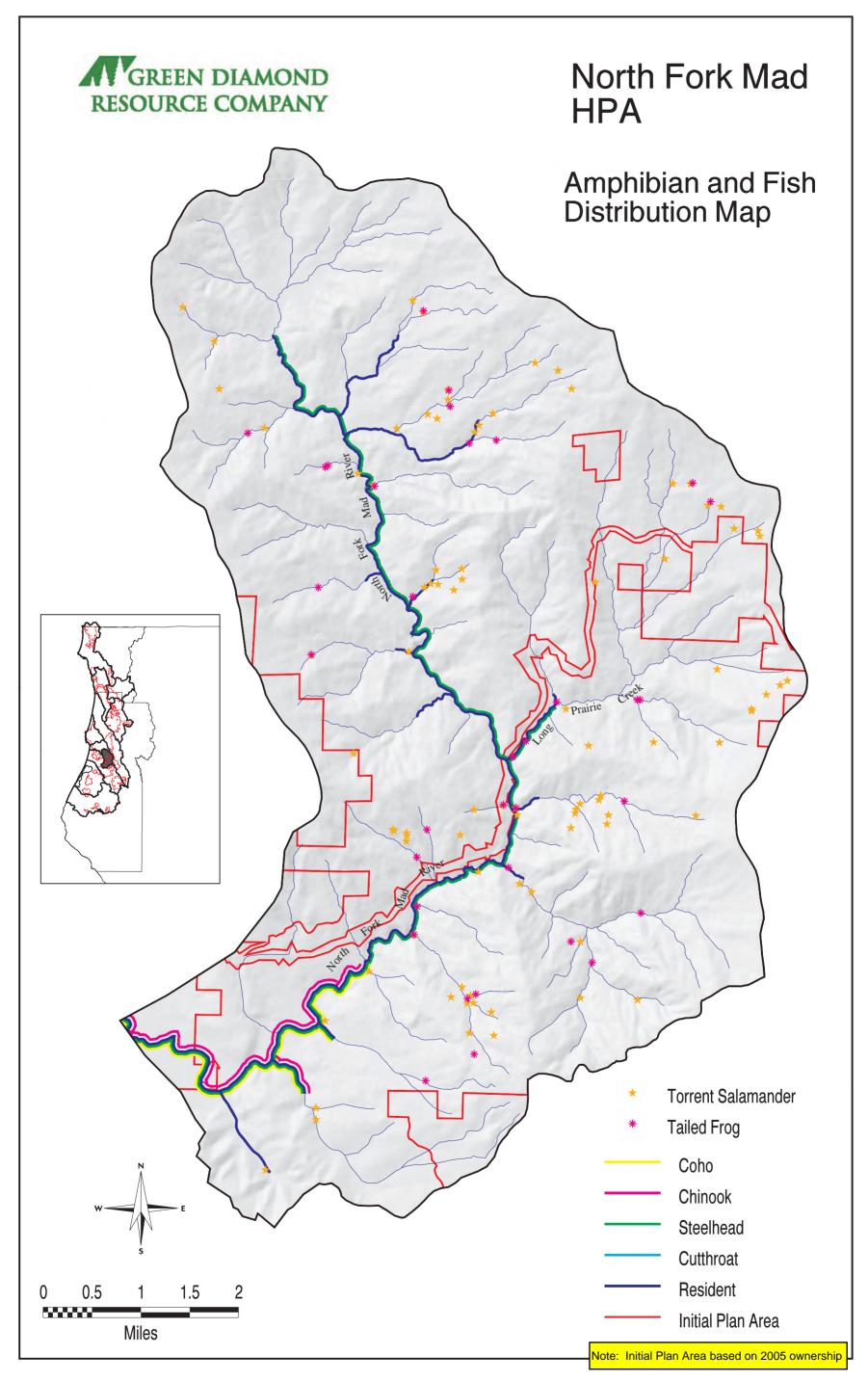


Figure 4-43. Recorded distribution of Covered Species in the North Fork Mad River HPA.

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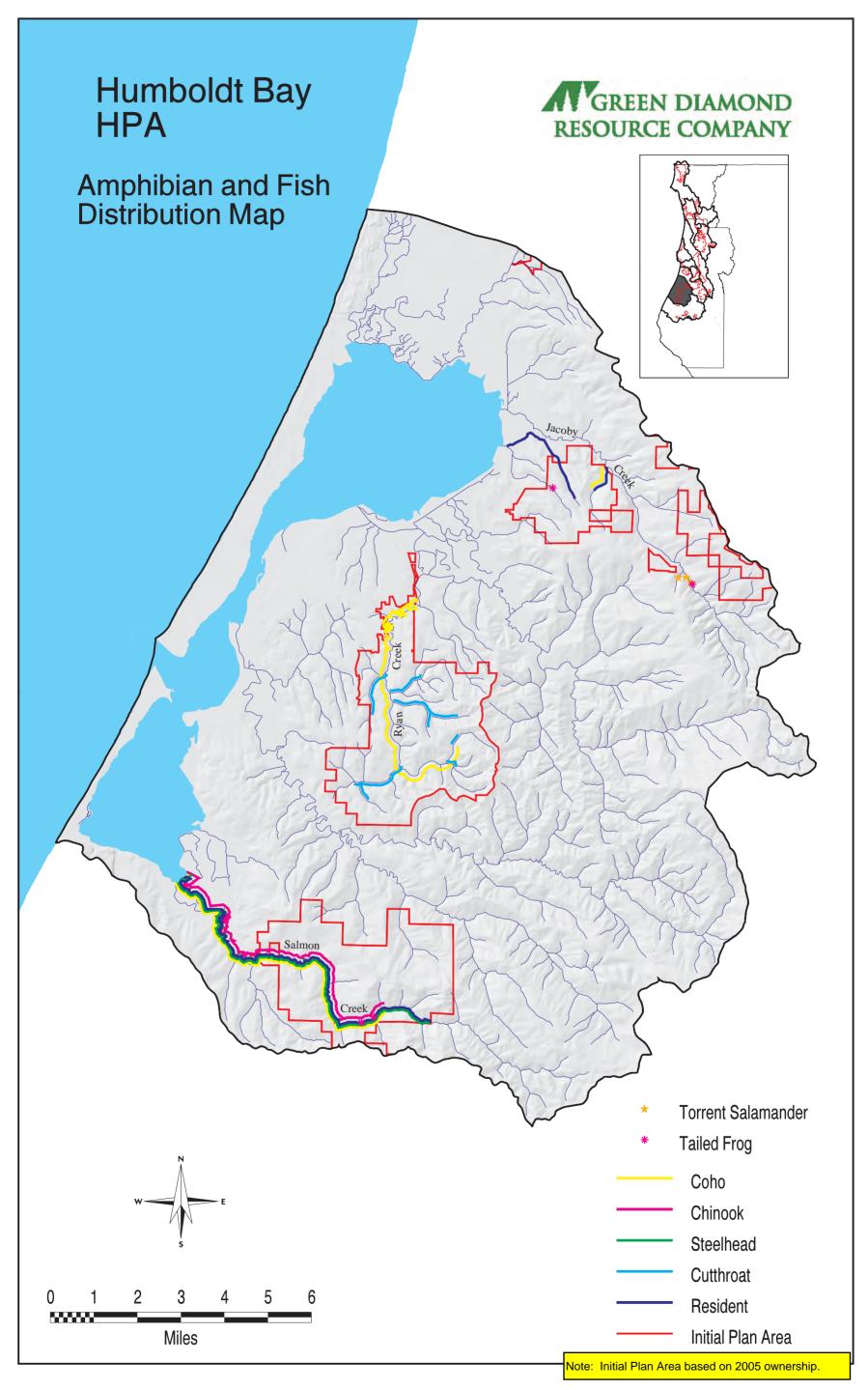
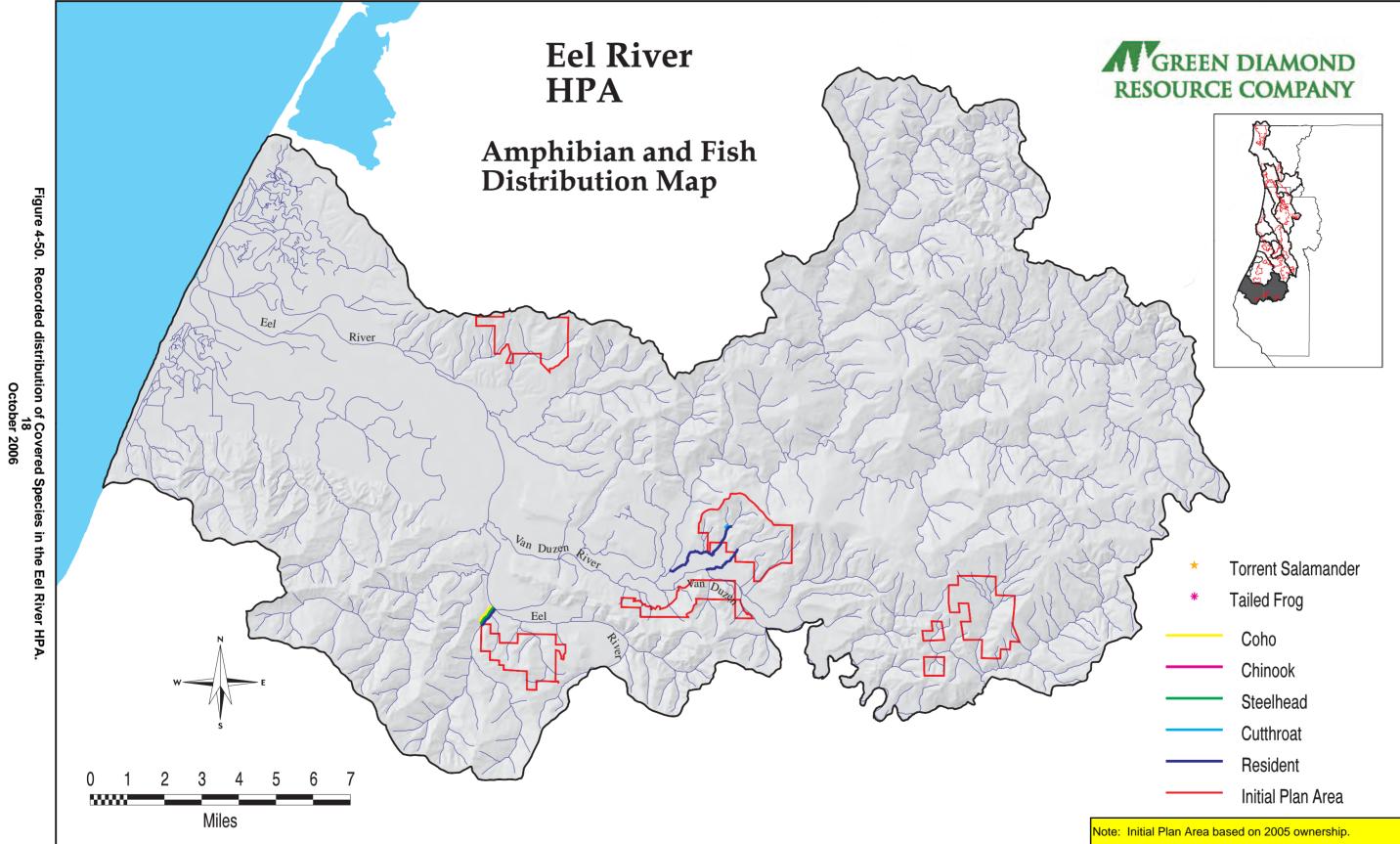


Figure 4-47. Recorded distribution of Covered Species in the Humboldt Bay HPA.

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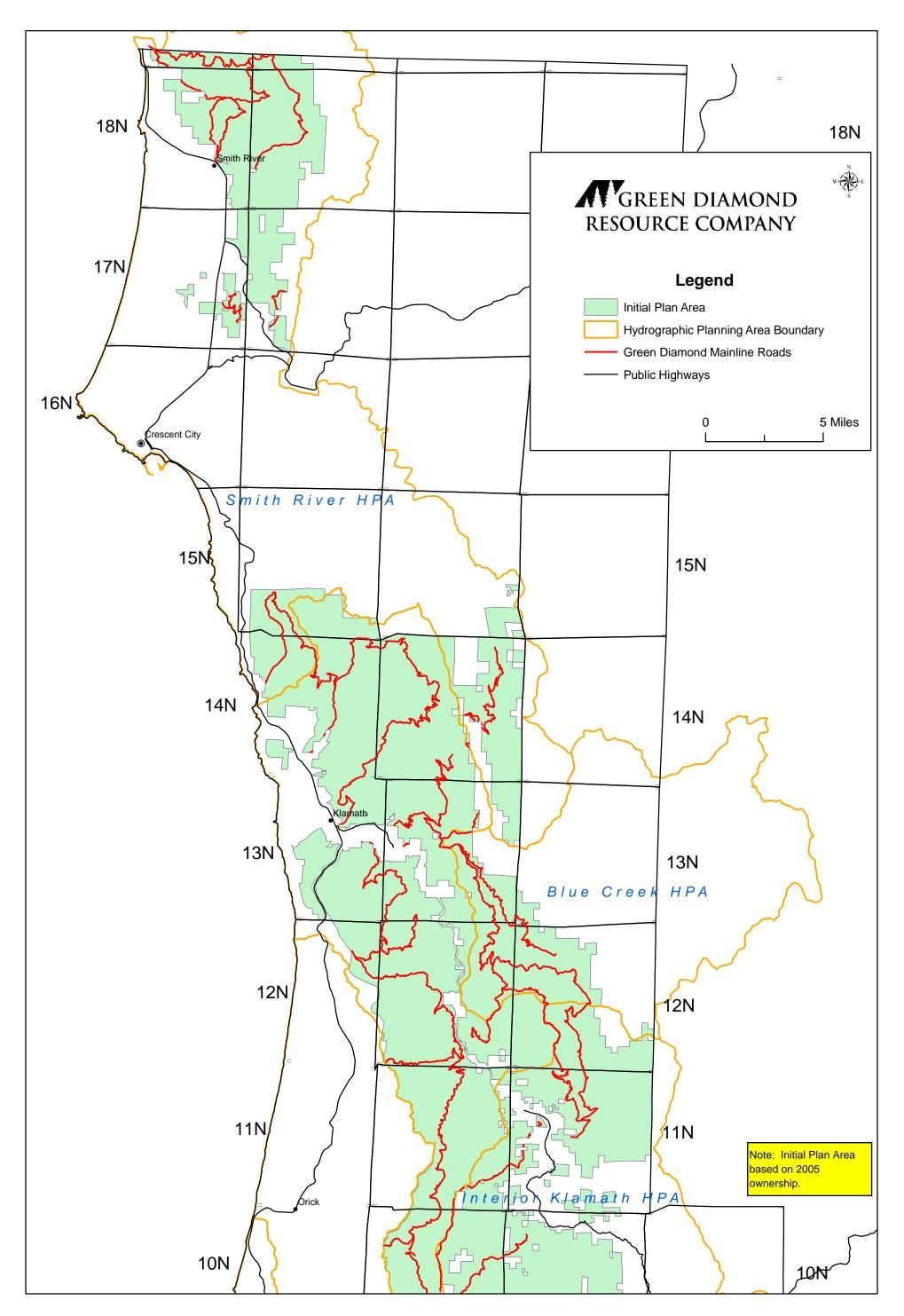


Figure 6-7 (A). Mainline roads in the Plan Area.

19

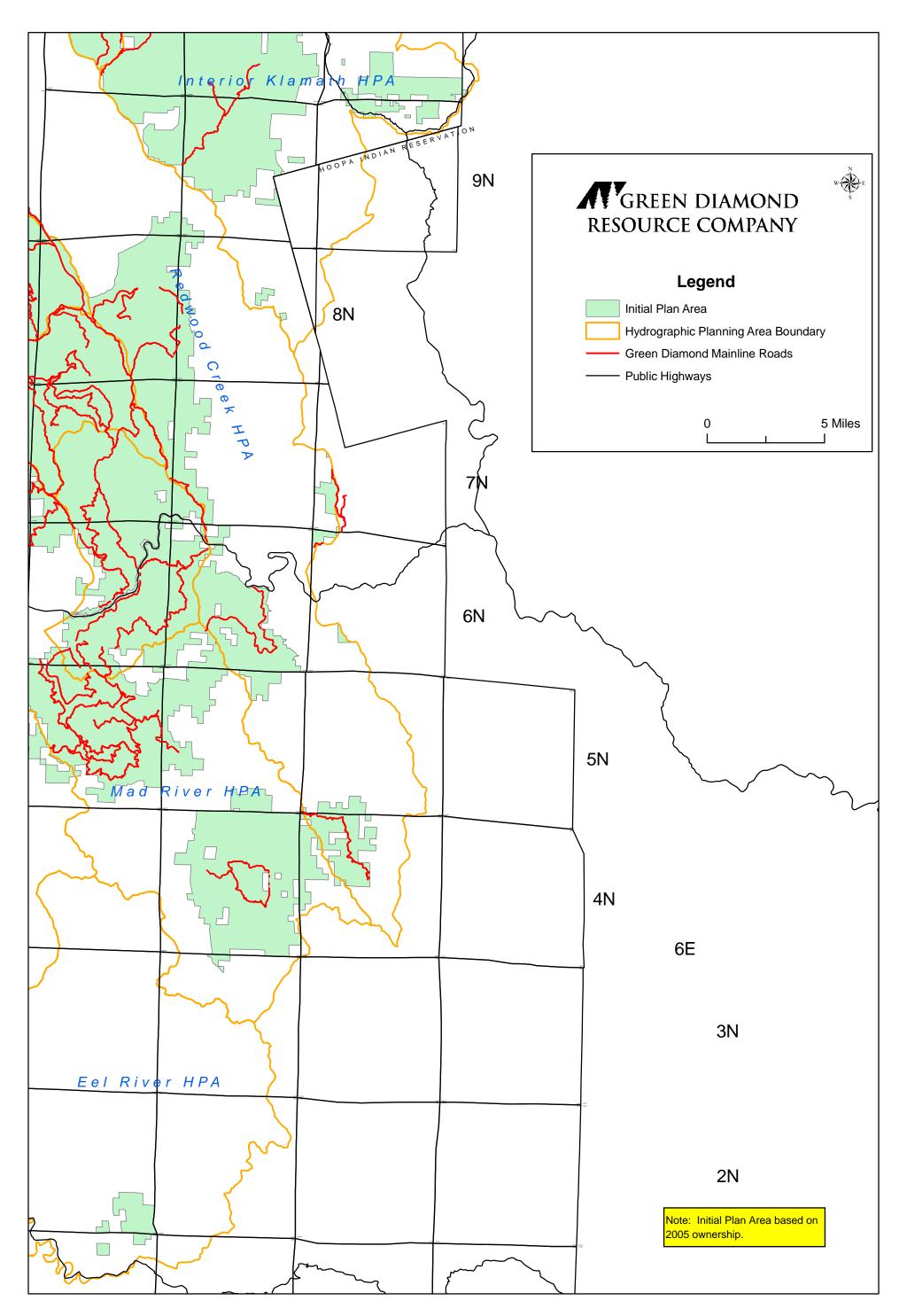


Figure 6-7 (B). Mainline roads in the Plan Area.

20

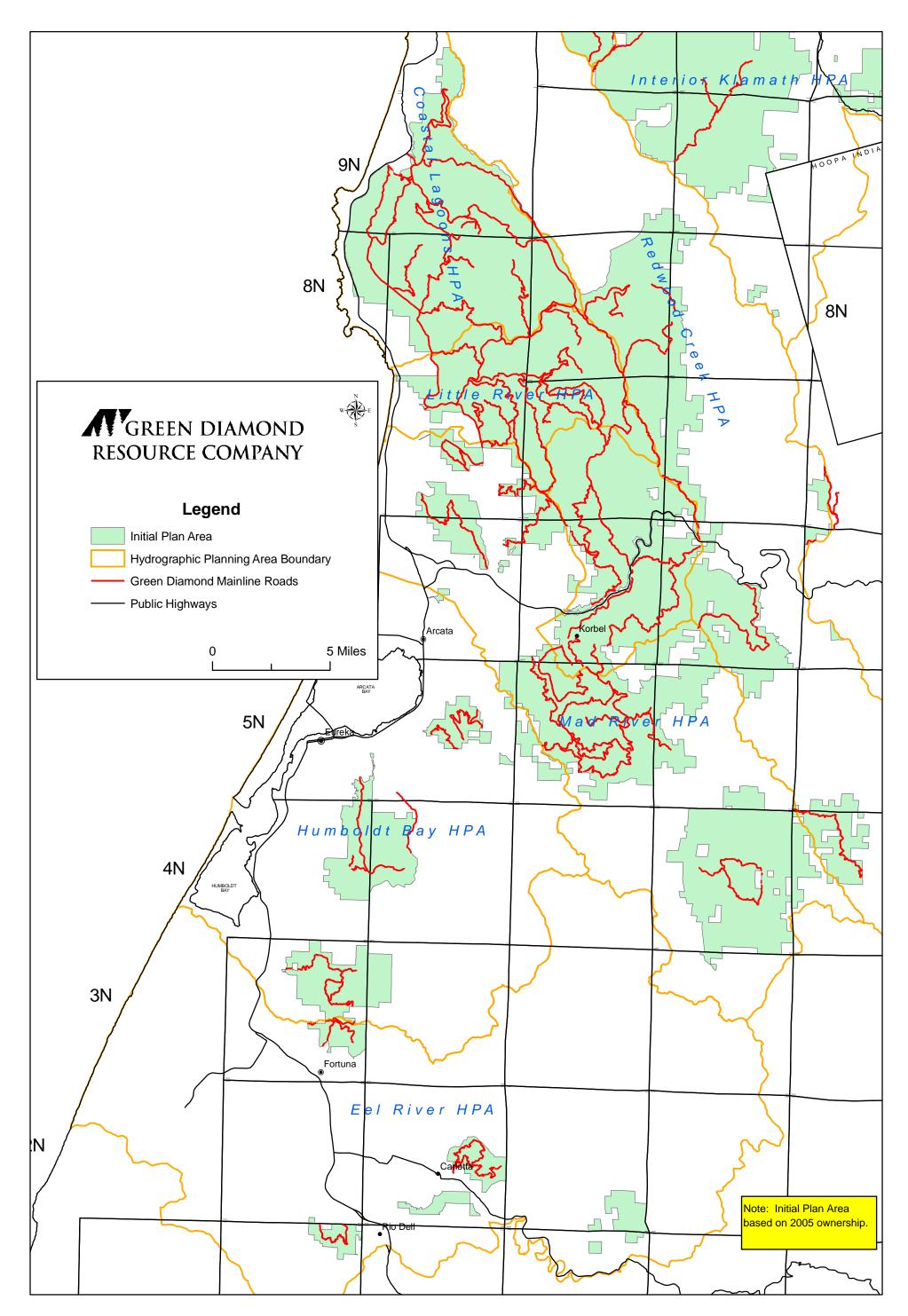


Figure 6-7 (C). Mainline roads in the Plan Area.

21

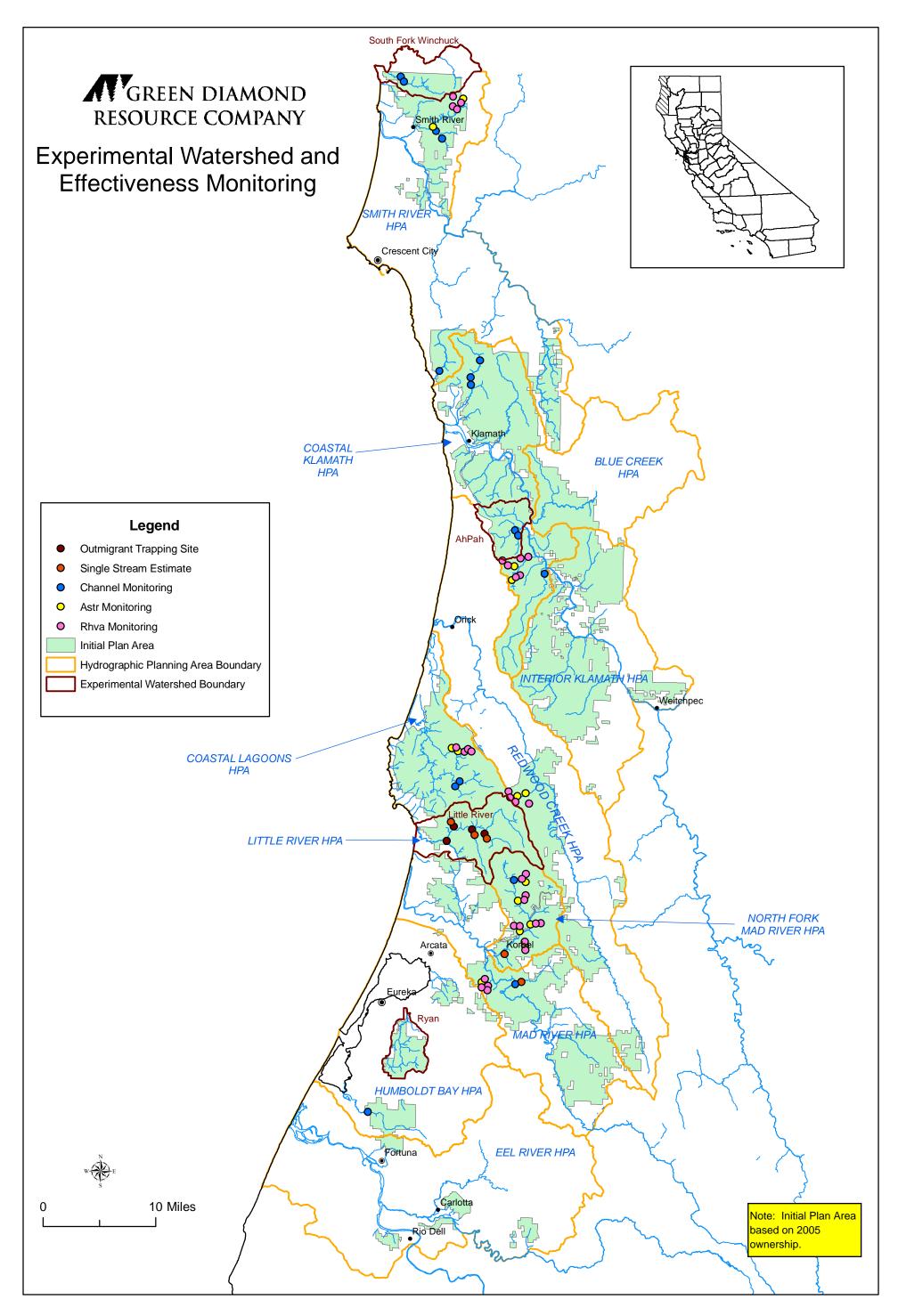


Figure 6-9. Location of existing monitoring sites (water temperature monitoring sites not included).

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