

**STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES**

**DIVISION OF FORESTRY
MAT-SU AREA
AND
KENAI - KODIAK AREA**

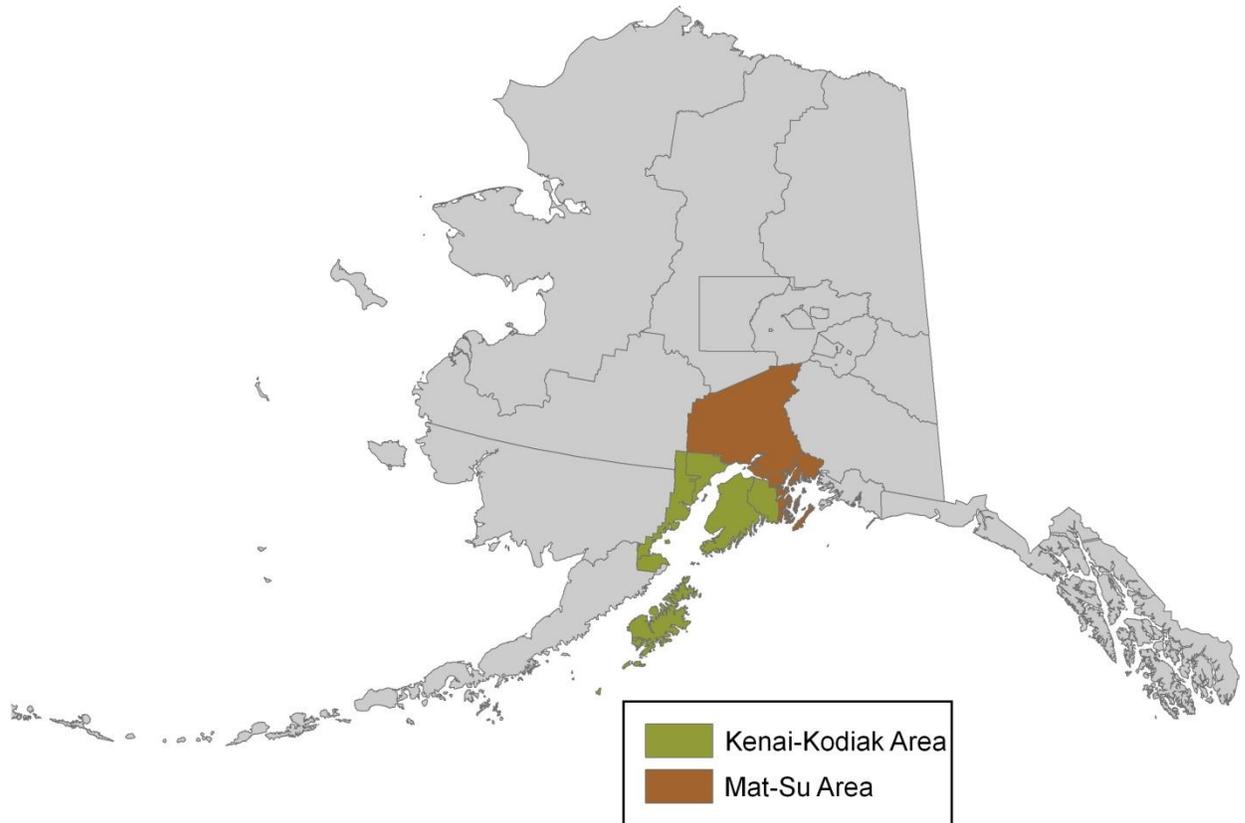
**FIVE-YEAR
SCHEDULE OF TIMBER SALES
CY 2016-2020**

May, 2015

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Regional Forester**

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Mat-Su Area and Kenai-Kodiak Area Locator Map



Purpose of the Five-Year Schedule of Timber Sales

The Five-Year Schedule of Timber Sales (FYSTS), published every two years, identifies areas where the Department of Natural Resources' (DNR) Division of Forestry (DOF) is planning timber sales. The Five-Year Schedule is meant to inform the public, timber industry, local governments, and other agencies of potential State timber sales, and solicit their input to help us better plan our sale program. The Five-Year Schedule is a scoping document, not a decision document and is therefore not appealable under AS 38.05.035.

This Five-Year Schedule meets the statutory requirements of AS 38.05.113 and acts as a basis for allocating departmental resources in considering, designing and conducting timber sales. Volume and harvest information is based on the calendar year. This document does not include harvests proposed by the University of Alaska or the Alaska Mental Health Land Trust. Their respective offices manage the University of Alaska and Mental Health Trust lands.

This Five-Year Schedule provides information to the public concerning development and use of the State's forest resources in the Mat-Su Area (MSA) and the Kenai / Kodiak Area (KKA) for the period of January 1, 2016 to December 31, 2020.

DOF bases the Five-Year Schedule on State lands that are available for timber harvest, as identified in area plans. Area plans are long range planning documents prepared by DNR to determine the use of State land in regional areas, such as *Southeast Susitna Area Plan*, *Susitna Matanuska Area Plan*, and *Kenai Area Plan*. The areas targeted for timber harvest and development are based on the management intent language in the Area Plans and are quantified in this Five-Year Schedule based on aerial photo inventory. These data are augmented by limited ground reconnaissance and historical knowledge accumulated by personnel working in the area.

All State timber sales must comply with the Alaska Forest Resources and Practices Act and Regulations, and the Alaska Land Act and Regulations. Further, all State timber sales must adhere to area-wide land management policies and specific land management policies for each management unit of DNR area plans.

After adopting the Five-Year Schedule, DOF will do more detailed fieldwork to assess and design proposed sales. Before any commercial timber sale of ten acres or larger is offered, DOF will prepare a Best Interest Finding (BIF) for agency and public review and comment. Based on the comments received, DOF will issue a Final Best Interest Finding that will determine whether or not the timber sale is in the State's best interest. The Final BIF is appealable under AS 38.05.035. Prior to harvest, a Forest Land Use Plan (FLUP) will be developed that gives site-specific information for each sale, describing the location, estimated timber volume, harvest methods, reforestation plan, access, and other potential uses of the sale area. Other State agencies and the public have the opportunity to review and comment on every FLUP. Significant concerns or mitigation needs that arise during the review period will be addressed by DOF before the sale proceeds. The BIF, not the FYSTS, is the final document that decides whether or not the Division will offer a timber sale. The FLUP is the State's specific logging plan for that sale. If a sale has been through the FYSTS, BIF, FLUP and the sale has been offered but not sold, it can be reoffered over-the-counter without going through the processes again. That is, if a sale was offered but not purchased, or if a sale was purchased but not harvested wholly or in part, the remaining timber can be sold without reappearing on a FYSTS or in a BIF. A new FLUP may be required if conditions warrant it.

Management Intent of the DOF Timber Sale Program

The goals of the timber sale program are to make timber available for existing timber harvesting and processing businesses, and to create the kind of forest biodiversity that will provide additional future jobs and income while maintaining compatibility with other designated land uses. Harvesting is designed to promote forest health and diversity and to meet forest management goals that provide additional benefits, including diverse forest habitats and long-term supplies of many forest products. DOF develops FYSTS biennially and may write them annually if market and stand conditions warrant a change in management. Timber sales are offered in a range of volumes and contract periods to accommodate the demands of the forest industry, the public, and forest management goals. Sale offerings will be subject to access conditions, markets, the limits of the annual allowable cut, public comment, and DOF staffing and funding to design and administer timber sales.

DOF will coordinate timber sales with timber sale offerings of other landowners when it will be in both the landowner's and State's best interest. Opportunities for cooperative timber sales will be identified, in part, through public and agency review of the FYSTS.

The *Susitna Forestry Guidelines (SFG)* requires DOF to hold public meetings in the Mat-Su Area after the distribution of the FYSTS. In the Kenai-Kodiak Area, the Commissioner's Advisory Panel directed the Division to hold public meetings after BIFs were distributed. Public meetings were held in both areas for several years, but very few people (and sometimes no people) attended. Because of the low turnout, combined with the high cost and effort of holding public meetings for each Mat-Su Area FYSTS and each Kenai-Kodiak Area BIF, regularly scheduled meetings were discontinued. However, the Division will hold public meetings on BIFs, FLUPs, and the FYSTS by request, or if warranted.

Location: Mat-Su Area

The Mat-Su Area covers most of the Matanuska-Susitna Borough and the Municipality of Anchorage and is bounded by Girdwood and Turnagain Arm on the south, the Alaska Range on the west, Denali National Park on the north, and the Talkeetna Mountains on the east.

Most of the timber sales included in this schedule are from four larger management blocks in the Mat-Su Area: the West Petersville Block near Trapper Creek; the Houston Block near Houston; the Fish Creek Block west of Big Lake, and the Willer-Kash Block near Willow.

Location: Kenai / Kodiak Area

The KKA encompasses all of the Kenai Peninsula, the west side of Cook Inlet to the Aleutian Range, the Kodiak Archipelago, and the western half of Prince William Sound.

Annual Allowable Cut

The Division of Forestry is mandated to manage its timber harvest on a sustained yield basis. 'Sustained Yield' means the "achievement and maintenance in perpetuity of an annual or regular periodic output of the various renewable resources of the State land consistent with multiple use" (AS 38.04.910). 'Sustained Yield' is also mandated in the Constitution of the State of Alaska, Article 8, Section 4. To fulfill this mandate, the DOF uses annual allowable cut (AAC) calculations, which is the average amount of timber that may be cut from a forest to maintain a

balance between net growth and harvest while meeting the management intent for the land. It estimates the maximum amount of timber that can be harvested each year while maintaining sustainability of the timber. The DOF utilizes the AAC to develop the amount of timber proposed for sale in the FYSTS. For a variety of planning and logistical reasons, the DOF will typically designate a variety of proposed timber sale configurations; some actually amounting to more than the AAC for a given year. Actual acres cut will, though, remain inside the AAC when averaged on a decadal basis (or the five year basis as required by SFG). To this end, the DOF may write a FYSTS more often to accommodate changes in forest management timing and keep the public informed of its actions.

AAC: Mat-Su Area

The annual allowable cut for the Mat-Su Area was established by the SFG. The SFG further divides the Mat-Su Area into three phases: Phase I east of the Susitna River, Phase II west of the Susitna River, and Phase III west of the Kahiltna River. Each Phase has its own AAC calculation with all proposed activities during this schedule’s period directed towards Phase I. The DOF is in the process of updating the Area’s inventory using new methodology, imagery, and field work, to better reflect changing markets and land use. The DOF is missing aerial imagery for approximately 19% of Phase I lands to complete the inventory. As weather and seasonal conditions are met, the missing imagery will be acquired and used to complete the inventory. For this schedule, average cubic feet per acre was applied to existing data to arrive at an estimated AAC. The AAC will be updated as soon as new data is received.

Annual Allowable Cut

<u>Phase</u>	<u>Allowable Cut</u>
Phase I	1,400 acres/year

Proposed Acres to be Sold by Calendar Year

2016:	583	acres
2017:	531	
2018:	759	
2019:	593	
<u>2020:</u>	<u>512</u>	
Total	2,978	acres

AAC: Kenai / Kodiak Area

In the KKA, extensive areas of trees have been killed and timber sale proposals focus on those areas. The Alaskan Supreme Court ruled that timber cutting may be permitted at a level that cannot be sustained over a forest rotation only in unusual circumstances such as salvage cuts where trees have been killed or damaged.

The total forestland base (gross acres) considered for the calculation is 79,200 acres. For the AAC calculations, the Kenai is divided into two sections: the Kenai Peninsula (54,600 acres), and West Side Cook Inlet and Kalgin Island (24,600 acres). In both units the rotation age used for spruce is 120 years. This rotation age is based on future utilization and a model site index.

Annual Allowable Cut

<u>Location</u>	<u>Forested Acres</u>	<u>Allowable Cut Acres</u>
Kenai Peninsula	54,600	455/year
West Side of Cook Inlet & Kalgin Island	24,600	205/year
Grand Total	79,200	660/year

Proposed Acres to be Sold by Calendar Year

2016: 225 acres

2017: 631

2018: 220

2019: 195

2020: 213

Total 1484 acres

*See Strategic Plans under Kenai / Kodiak Area, page 11.

Timber Harvest Methodology: Mat-Su Area

The Mat-Su Area will use harvest methods to encourage and enhance the establishment of seedlings produced by seeds from residual trees and the surrounding forest. In most harvest areas the pole, sapling, and seedling-sized white spruce will be protected to provide a stand of uneven age structure for the next rotation. Usually, natural regeneration provides adequate spruce reforestation. In most birch and aspen stands, the seed tree harvest silvicultural method will be employed. Natural seed regeneration and stump sprouting will provide regeneration in hardwood stands. Harvest areas using the seed tree and clear cut methods will be mechanically scarified to create soil conditions conducive to the establishment of natural seedlings.

Timber Harvest Methodology: Kenai / Kodiak Area

Due to extensive mortality caused by the spruce bark beetle, most of the silvicultural treatments will consist of removing dead trees and leaving live spruce less than a defined DBH, usually 10 inches. Stand conditions change annually. When standing timber is pushed over or broken by wind, the downed trees hold moisture and rot at a higher rate than standing timber which then affects the marketability and value of timber sales.

Silvicultural prescriptions for each sale will provide for retaining spruce trees to provide wildlife cover or desirable seed sources. Natural seed regeneration and stump sprouting will provide regeneration in hardwood stands. Harvest areas using the seed tree and clear cut methods will be mechanically scarified to create soil conditions conducive to the establishment of natural seedlings.

The result is that most harvested areas will have a forested appearance; but they will look obviously thinned. In areas where most of the trees are dead, and few hardwoods are present, the area will look more open. These areas will appear as openings with widely scattered residual live trees until natural regeneration or planted seedlings appear above the grass. DOF's Forest Land Use Plans, prepared for every sale, clearly describe the harvest and regeneration plans in

more detail.

Transportation Multiple use values will be considered when roads are located, designed, and developed, and will reflect the management intent and primary uses for the planning area. Proposed access routes and types of access for the first years of this schedule are shown on the attached maps. As management objectives are met for an area, roads may be put to bed, and access to the road will be restricted to off-highway vehicle traffic to reduce maintenance costs and minimize degradation of the road and surrounding area. Best Interest Findings for individual sales will fully discuss access types, locations, and management objectives based upon information gathered in the field.

Strategic Plans: Mat-Su Area

The strategic plan for the Mat-Su Area is to provide wood fiber for the local forest products industry in a manner that is compatible with the sustained yield of the renewable timber resource. The intent of the timber sale program is to support the local small independent sawmills, provide commercial and personal use firewood sales, and potentially supply wood fiber for a biofuels or wood chip market. The DOF has always provided timber for the small local market but in the past several years, the DOF has been able to diversify the timber sales to help meet the growing biofuels industry. This emerging market will enable the DOF to manage the many older, declining stands in the Mat-Su Valley, regenerate younger forests and improve forest health. All harvesting for this FYSTS is planned for Phase I (Eastside) Susitna Forest Guidelines.

Strategic Plans: Kenai / Kodiak Area

One of the main factors influencing forest planning in the KKA has been the extensive mortality caused by the bark beetle infestation during the 1990's. Currently, beetle activity appears endemic. The timber harvest objective has shifted primarily to salvaging dead trees, before they are blown over by wind. Downed trees increase the potential intensity of a wildfire and hinder fire suppression operations. If left on the ground too long, downed trees lose their market value. Trees will be retained along the perimeters of harvest units to provide wildlife cover, as recommended in the Kenai Area Plan.

For maps and more information on the effects of the Spruce Bark Beetle on the Kenai Peninsula, visit the Division of Forestry's website at:

<http://www.dnr.state.ak.us/forestry/insects/surveys.htm> for a current copy of the Alaska Forest Insect and Disease Survey.

This schedule incorporates possible harvest areas from the *Forest Health Management Plan for the Western Kenai Peninsula and Kalgin Island*. The schedule also reflects the Division of Forestry's objective to offer timber sales to meet market demand, salvage dead timber, and reduce the wildfire hazard by harvesting spruce beetle killed trees. Sales are broken up into numerous units. Small to medium size sales will be offered to meet current demand for sawlogs, houselogs and fuel wood. Sales within the wildland-urban interface will be designed to reduce the risk of wildfire to the communities.

The area plans may be found on the web at:

<http://www.dnr.state.ak.us/mlw/planning/areaplans/>.

The management plans and the *Susitna Forestry Guidelines* are on the web at:

<http://www.dnr.state.ak.us/mlw/planning/mgtplans/>.

Harvest Plan: Mat-Su Area

(See the end of the Schedule for maps of each timber sale.)

Timber Sales by Year

Fiscal Year	Timber Block	Estimated Acreage	Fiscal Year	Timber Block	Estimated Acreage	Fiscal Year	Timber Block	Estimated Acreage
2016	Houston	325	2018	Houston	86	2020	Houston	133
	Willer-Kash	33		Willer-Kash	194		Willer-Kash	136
	Rabideux	51		Rabideux	69		West Petersville	119
	West Petersville	58		West Petersville	155		Fish Creek	124
	Fish Creek	116		Fish Creek	255		Subtotal	512
	Subtotal	583		Subtotal	759			
2017	Houston	224	2019	Houston	189			
	Willer-Kash	78		Willer-Kash	13			
	West Petersville	66		West Petersville	270			
	Fish Creek	119		Fish Creek	121			
	Subtotal	487		Subtotal	593			

Timber Sale Descriptions

Note: Only timber sales slated for 2016 and 2017 are discussed in narrative form in this Five-Year Schedule, but maps are provided for all sales, 2015 through 2020. If a sale was offered but not purchased, or if a sale was purchased but not harvested wholly or in part, the remaining timber can be reoffered and sold without reappearing on a FYSTS or in a FLUP.

2016 Timber Sales

Houston Timber Block

Two harvest units are planned for sale in 2016. These units are located at the base of the Talkeetna Mountains north of the Little Susitna River and will be accessed using the east fork of Zero Lake Road. The units total 325 acres and will be designed to conform to the Susitna Forestry Guidelines as well as natural features such as rolling topography, timber type, and wetlands. These units may be sold as individual sales or grouped together and sold as larger sales.

Willer-Kash Timber Block

This timber block is located approximately seven miles east of the community of Willow at the foot of Willow Mountain and north of Willow Creek. 33 acres are projected for harvest in a single harvest unit. Access will consist of a short spur off the Willer-Kash Road.

Rabideux Timber Sale

Trapper Creek is the nearest community, and is located approximately 9 miles north of the timber sale area. The planned sale is approximately 51 acres and is designated for wildlife and watershed protection in the Susitna Matanuska Area Plan. The sale will need to be designed for compatibility with these primary uses. The DNR's Division of Mining, Land, and Water as well as the Department of Fish & Game's Division of Wildlife Conservation will be consulted for input in creating management objectives and unit design. No new primary roads will be required. Main haul roads and previous logging roads will be reopened to and within the timber sale. A bridge will need to be re-installed to access the timber sale area which is located on the west side of Queer Creek above its confluence with Rabideux Creek. The sale is planned to coincide with the Mat-Su Borough's future sale immediately south.

West Petersville Timber Block

This timber block is located ten miles west of the community of Trapper Creek, Alaska, south of the Petersville Road. These two units were part of the West Petersville Timber Sale designed for a chipping operation that no longer operates in the area. The sale has gone through the public review process and the Forest Land Use Plan will be made available for review. These two units are 12 and 46 acres in size and total 58 acres. An old winter logging road on the south side of the Petersville Road will be reconditioned for approximately 1 mile and utilized for initial access into the tract.

Fish Creek Timber Block

Located approximately 13 miles west of the community of Big Lake, this timber block is accessed via a winter road off the end of Goldstreak Drive which is off of West Susitna Parkway. The planned sale is approximately 116 acres in 3 units of the Fish Creek East Timber Sale. A bridge will need to be installed to access the western end of the winter road and the sales beyond. No new primary roads will be required.

2017 Timber Sales

Houston Timber Block

Five harvest units are planned for sale in 2017. These units are located at the base of the Talkeetna Mountains north of the Little Susitna River and will be accessed using the east fork of Zero Lake Road. The units total 224 acres and will be designed to conform to the Susitna Forestry Guidelines as well as natural features such as rolling topography, timber type, and wetlands. These units may be sold as individual sales or grouped together and sold as larger sales.

Willer-Kash Timber Block

This timber block is located approximately seven miles east of the community of Willow at the foot of Willow Mountain and north of Willow Creek. 78 acres are projected for harvest in 3 harvest units ranging in size from 18 to 34 acres. Part of this acreage comes from the Copper Timber Sale which was sold but was subsequently returned to the state unharvested. These units may be sold individually or grouped together and sold as larger sales.

West Petersville Timber Block

This timber block is located ten miles west of the community of Trapper Creek, Alaska, south of the Petersville Road. These three units were part of the West Petersville Timber Sale designed for a chipping operation that no longer operates in the area. The sale has gone through the public

review process and the Forest Land Use Plan will be made available for review. These units range in size from 4 to 36 acres and total 66 acres. An old winter logging road reconditioned as part of the 2015 timber sale program and an additional 0.5 miles of new winter road construction will be needed for access.

Fish Creek Timber Block

Located approximately 13 miles west of the community of Big Lake, this timber block is accessed via a winter road off the end of Goldstreak Drive which is off of West Susitna Parkway. 119 acres in 4 units are projected for harvest within the Fish Creek East Timber Sale. A bridge will need to be installed to access the western end of the winter road and the sales beyond. A new primary road of about 0.5 miles will be required to access the sale.

Harvest Plan: Kenai-Kodiak Area

(See the end of the Schedule for maps of each timber sale.)

Timber Sales by Year

	Timber Sale	Estimated Acres		Timber Sale	Estimated Acres
2016	South Peninsula Block	225	2019	Seward Highway Block	195
2017	Ninilchik Block	631	2020	Hope Y Timber Sale	51
2018	Tustumena Block	220		Nikiski Lyndi Timber Sale	162

Timber Sale Descriptions

Note: Only timber sales slated for 2016 and 2017 are discussed in narrative form in this Five-Year Schedule, but maps are provided for all sales, 2016 through 2020. If a sale listed in this schedule was offered but not purchased, the sale can be reoffered and sold without reappearing in a FYSTS or in a Forest Land Use Plan. Likewise, the remaining timber in a sale purchased but not harvested to completion, can be reoffered and sold without reappearing on a FYSTS or in a Forest Land Use Plan.

2016 Timber Sales

South Peninsula Block: Three sales are within this block—Griner (60 acres), Alamar (70 acres) and Kalanga (95 acres), for a total of 225 acres. The closest community to the sales is Anchor Point. The sales may be offered separately, or as a single package. Access for the Griner road may be all-season. Due to extensive muskegs, the Alamar sale will require winter roads. Likewise, the Kalanga Timber Sale will require frozen ground in order to access the timber via established Right-of-ways. Access to the sales will require that roads be constructed along

section line easements adjacent to private parcels. Access into the timber sales through private land must be directly arranged between the purchaser and the private land owner.

2017 Timber Sales

Ninilchik Block: This sale block contains 13 harvest units for a total of 630 acres. The harvest units may be lumped into large sales, or sold as individual sales. All sales will require winter access and winter logging due to extensive muskegs. Purchasers must obtain approval directly from land owners for accessing any of the sales through private land.

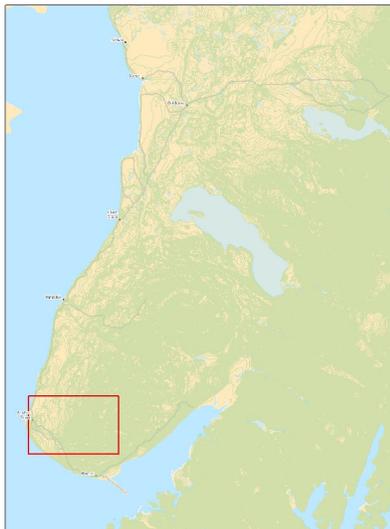
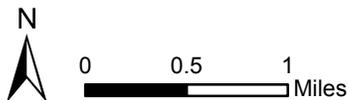
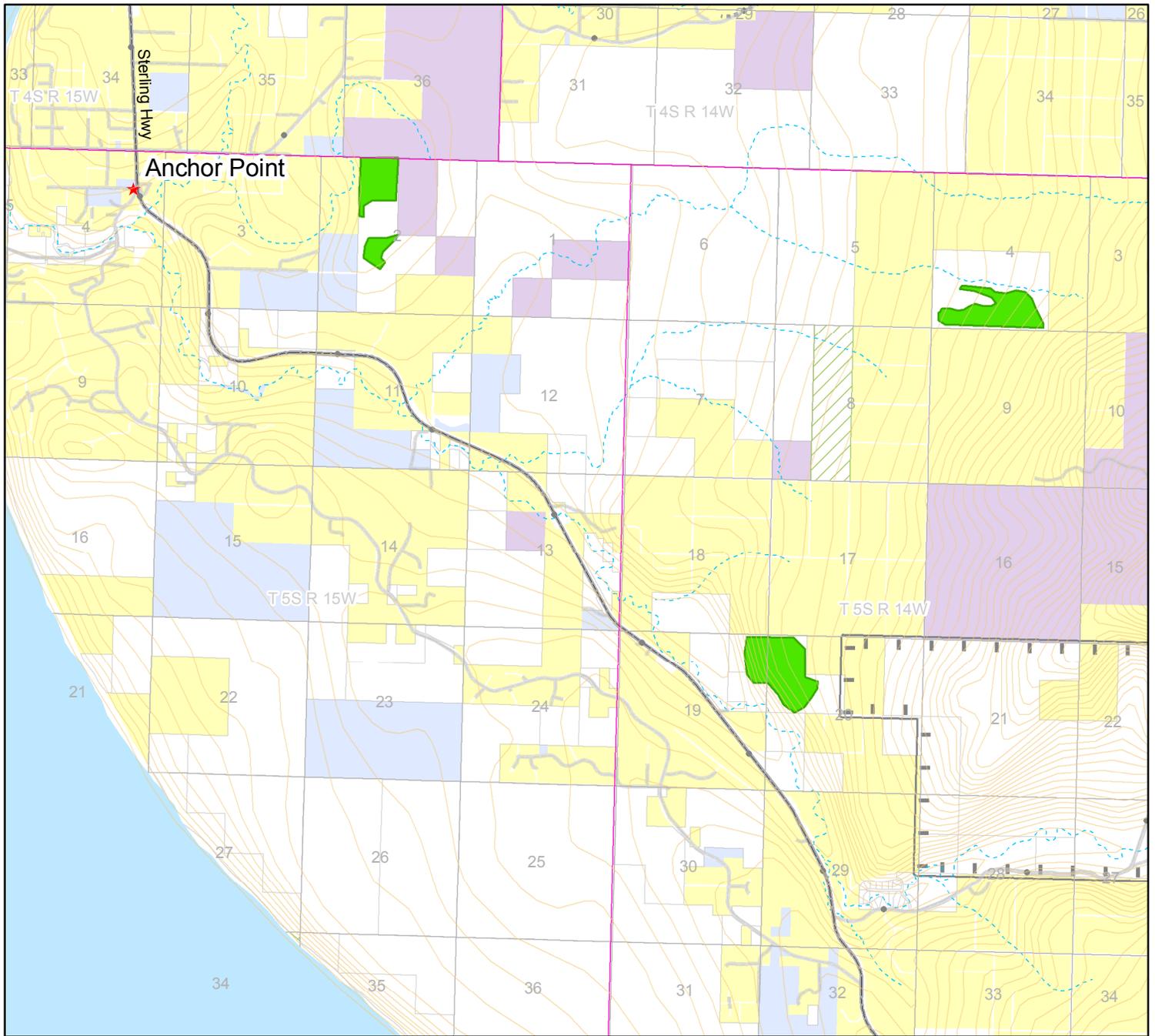
Appendix A: List of Maps

Kenai / Kodiak Area Sales

Year	Timber Sale	Page Number	Year	Timber Sale	Page Number
2016	South Peninsula Block	A2	2019	Seward Highway Block	A5
2017	Ninilchik Block	A3	2020	Hope Highway Block	A6
				Nikiski Lindi	A7
2018	Tustumena Block	A4			

Mat-Su Area

Timber Block Name	Page Number
Houston (West)	A8
Houston (East)	A9
Willer-Kash (South)	A10
Willer-Kash (North)	A11
Rabideux	A12
West Petersville	A13
Fish Creek	A14

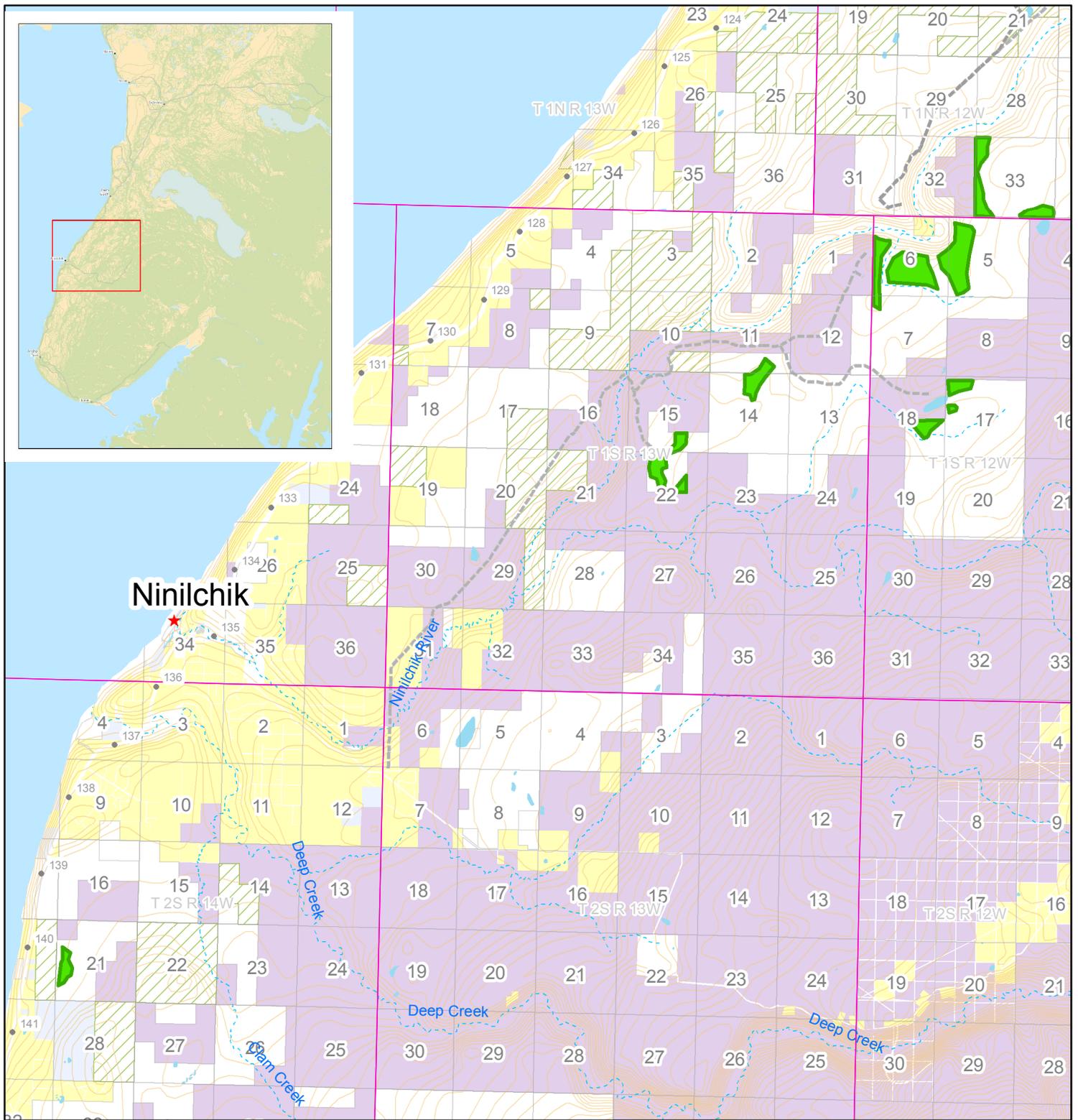


Five Year Schedule of Timber Sales South Peninsula Block 2016

Section 2,
Township 5 South, Range 15 West
and
Sections 4, 19 and 20,
Township 5 South, Range 14 West



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Ninilchik

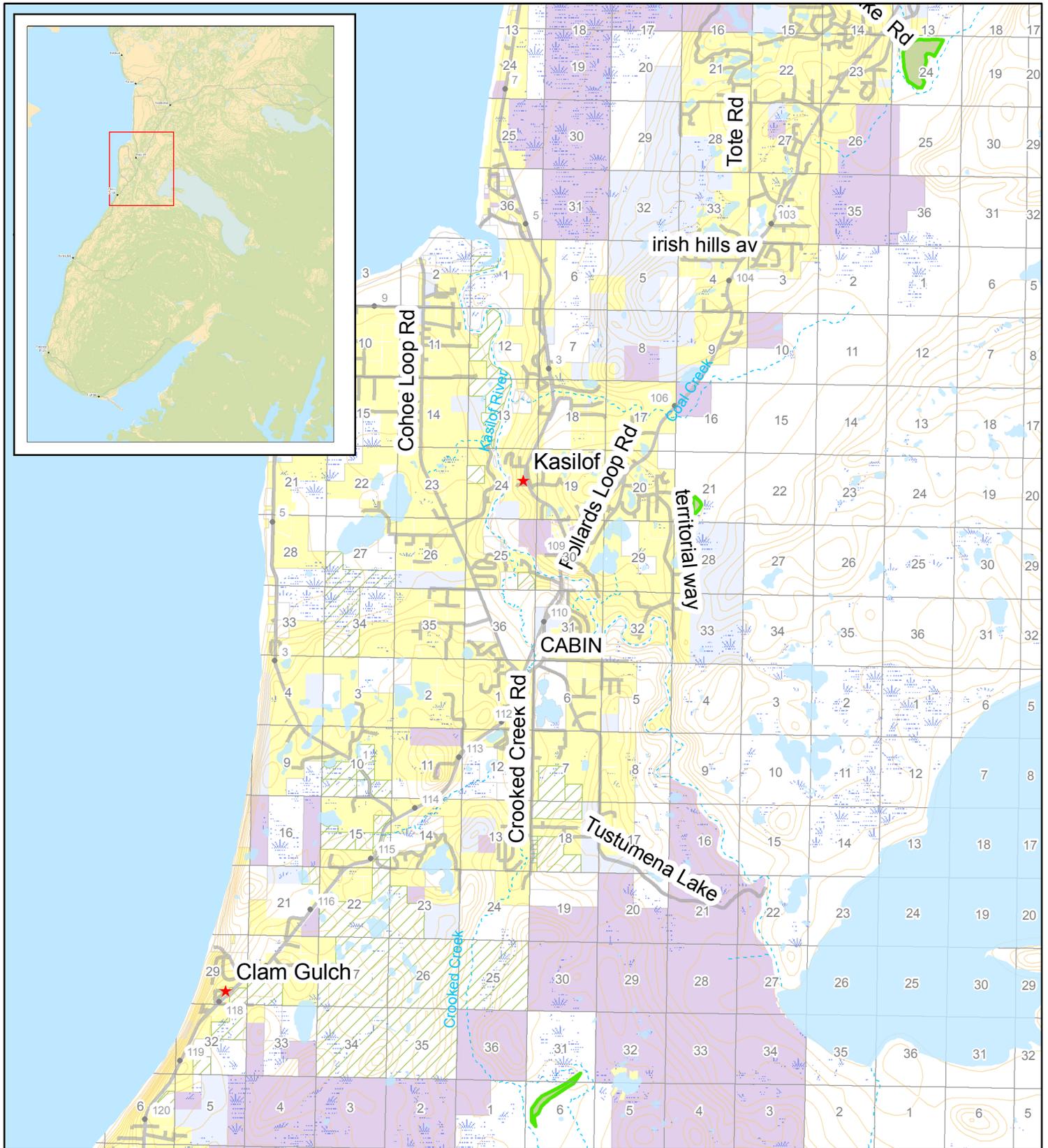


Five Year Schedule of Timber Sales Ninilchik Harvest Block 2017

Section 33 Township 1 North Range 12 West
 Sections 5, 6, 7, 18 Township 1 South Range 12 West
 Sections 11, 14, 15 22 Township 1 South Range 13 West
 Section 21 Township 2 South Range 14 West



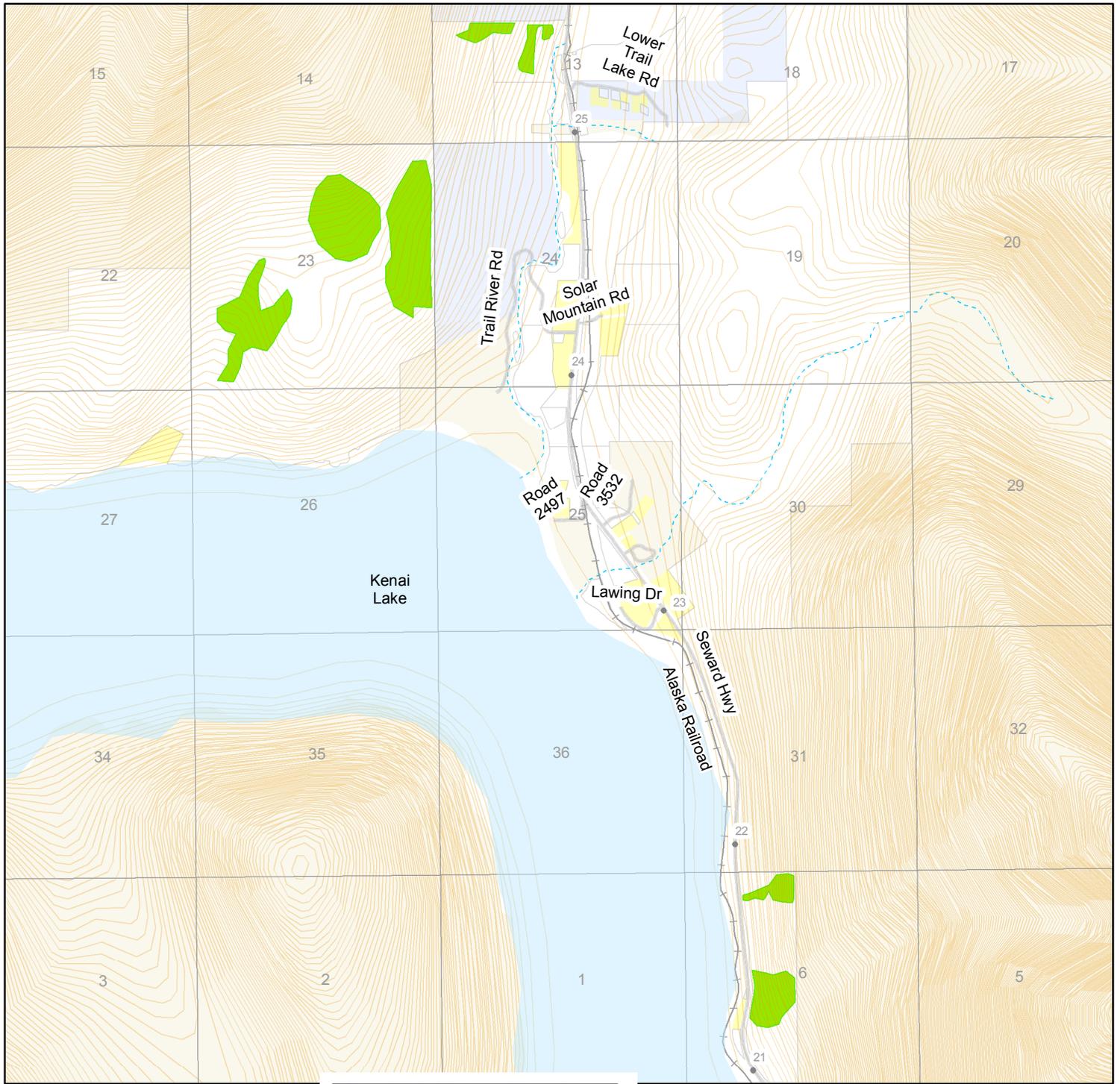
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Area Office Soldotna
J. Winters 2014

Five Year Schedule of Timber Sales Tustumena Harvest Block 2018

Township 4 North Range 11 West,
Township 3 North Range 11 West
Township 1 North Range 11 West,
Seward Meridian

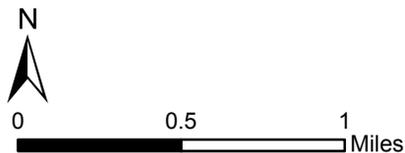


-  Section Lines
-  Timber Sales
-  State DNR
-  University of Alaska
-  Private Lands
-  Native Corporation
-  Kenai Peninsula Borough
-  U.S. Forest Service

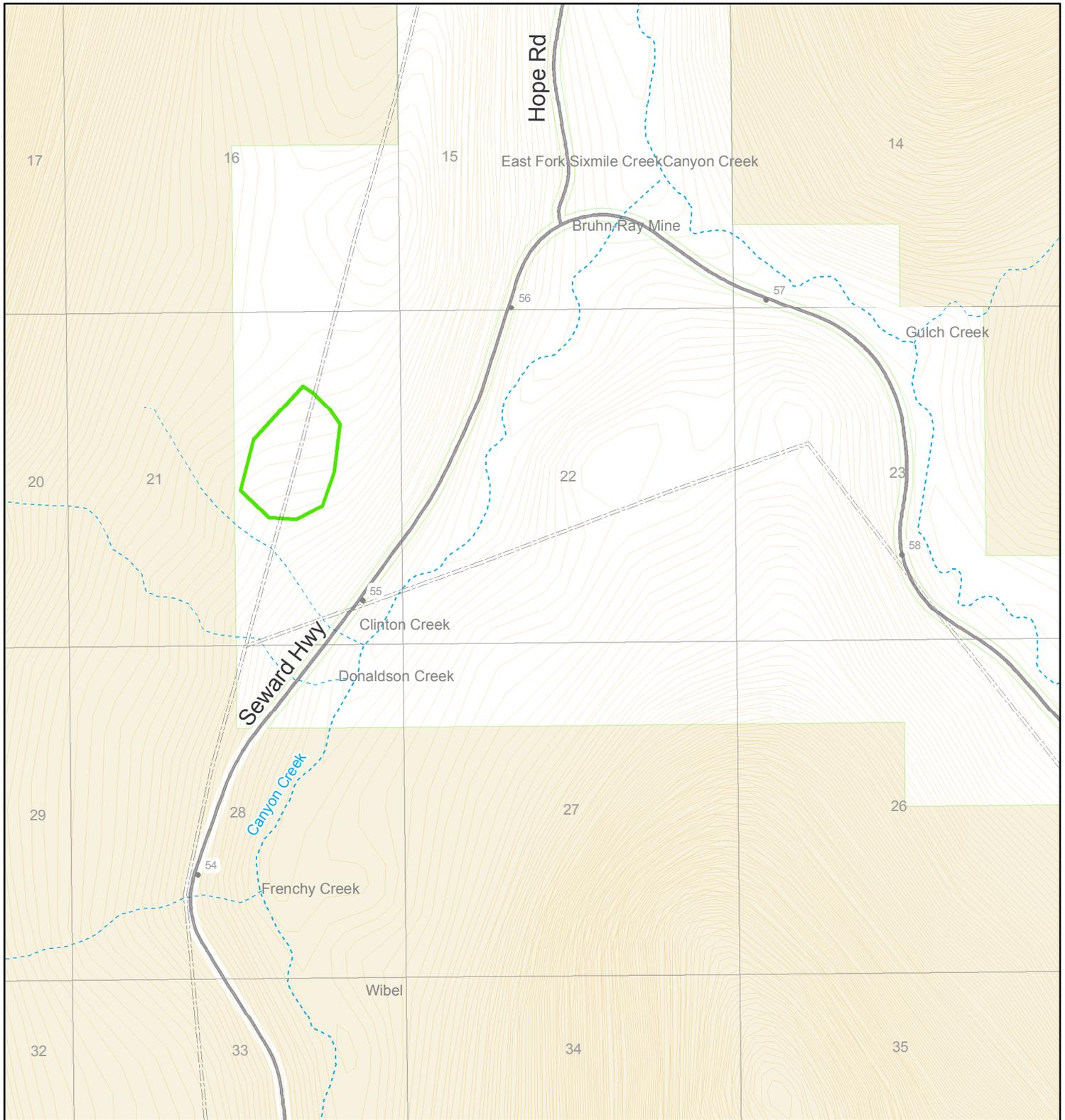


Five Year Schedule of Timber Sales Seward Highway Block 2019

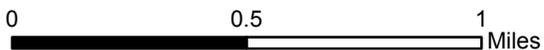
Township 4 North Range 1 West
Township 3 North Range 1 East
Seward Meridian



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Soldotna
J. Winters 2015



- Timber Sale
- State DNR Lands
- University of Alaska
- U.S. Forest Service
- Private Lands
- Native Corporation Lands
- Kenai Peninsula Borough Lands
- Transmission Lines

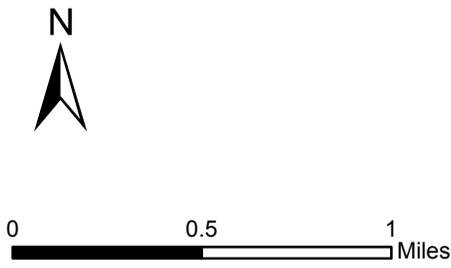
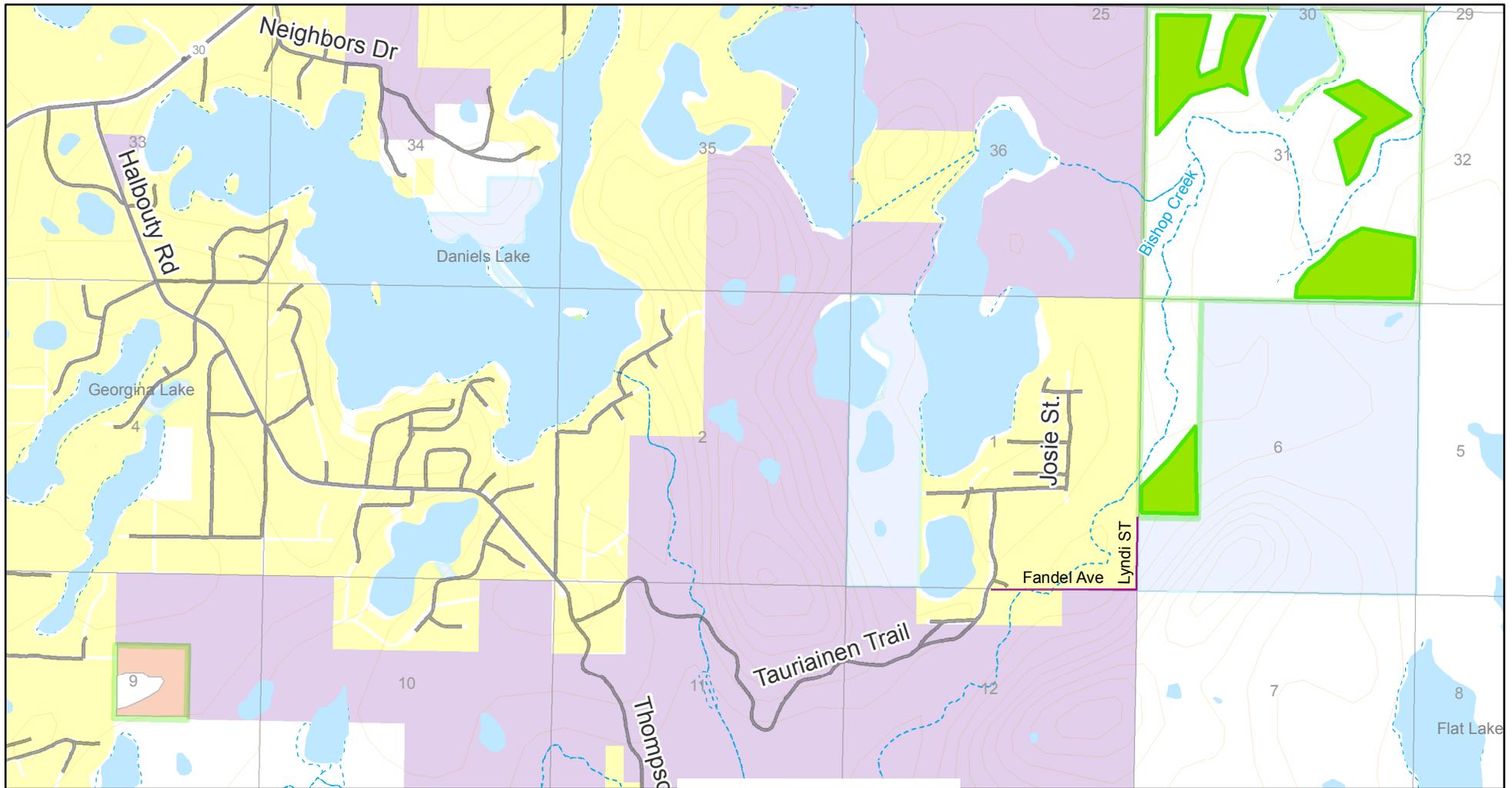


Five Year Schedule of Timber Sales Hope Y Timber Sale 2020

Section 21
Township 8 North Range 1 West
Seward Meridian



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Soldotna
J. Winters 2014

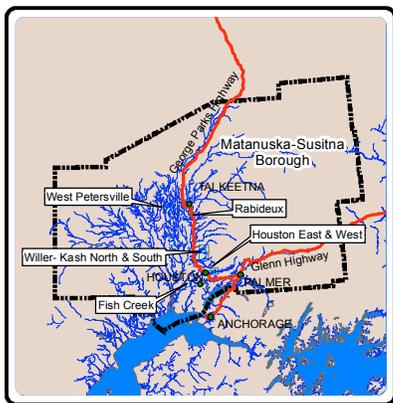
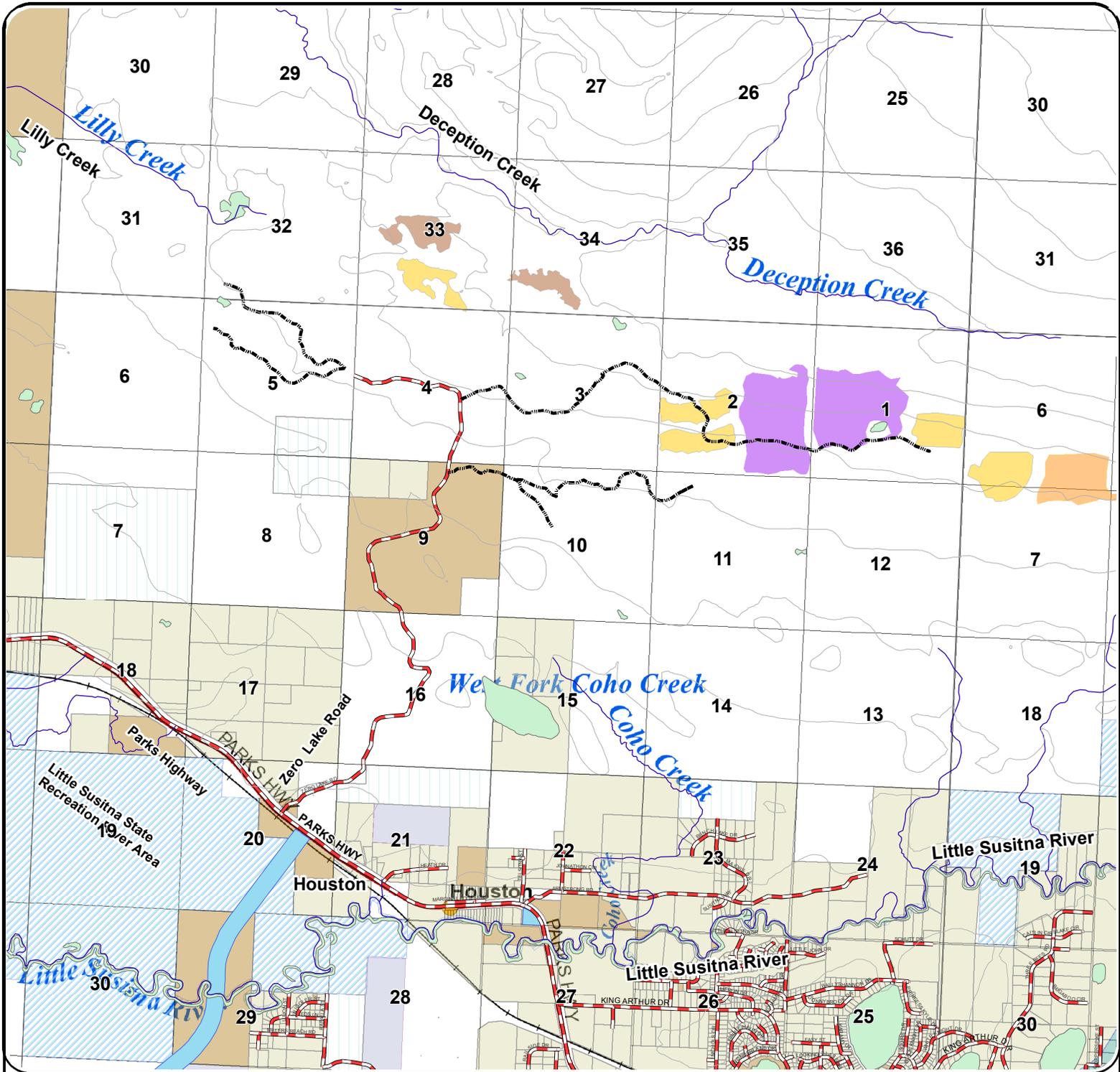


Five Year Schedule of Timber Sales Nikiski Lyndi Timber Sale 2020

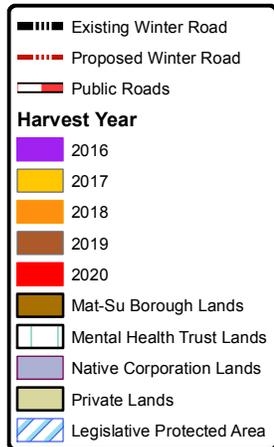
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Range 10 West, and
Section 6 Township 7 North
Range 10 West
Seward Meridian



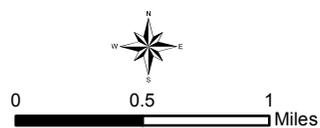
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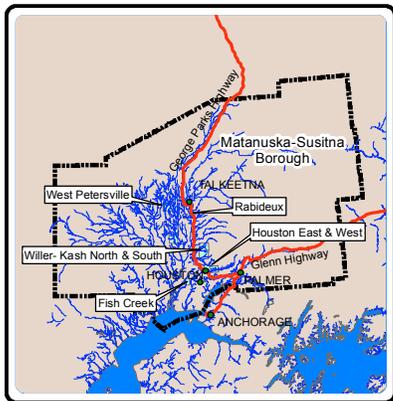
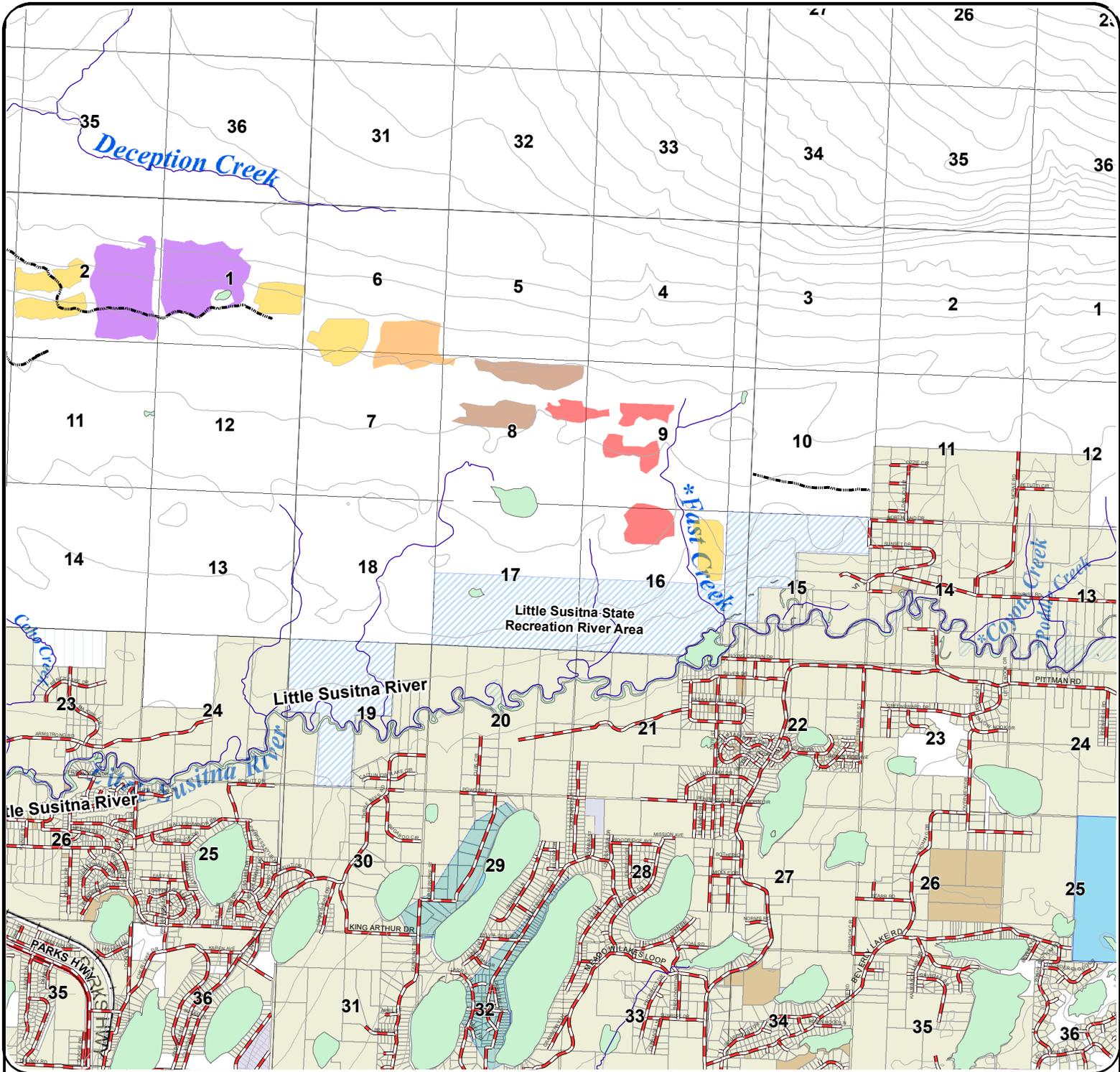
Vicinity Map



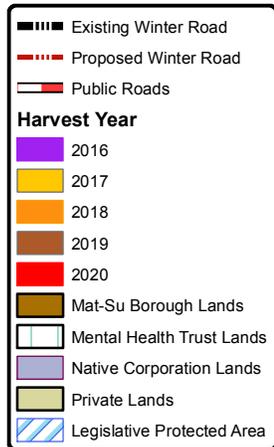
Harvest Block: Houston West
Area Plan: Southeast Susitna, Unit H-06 & U-01
Townships 18 & 19 North, Range 3 West, SM
USGS Quadrangle: Anchorage C7 & C8



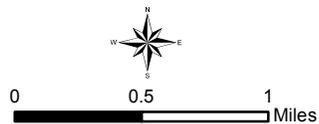
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 C Olson 10-14



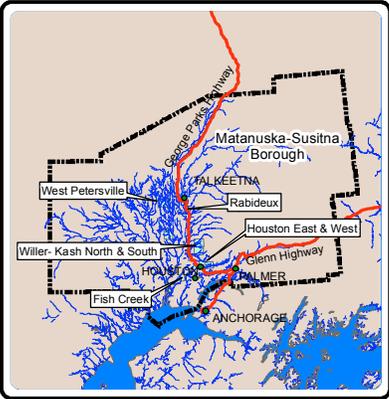
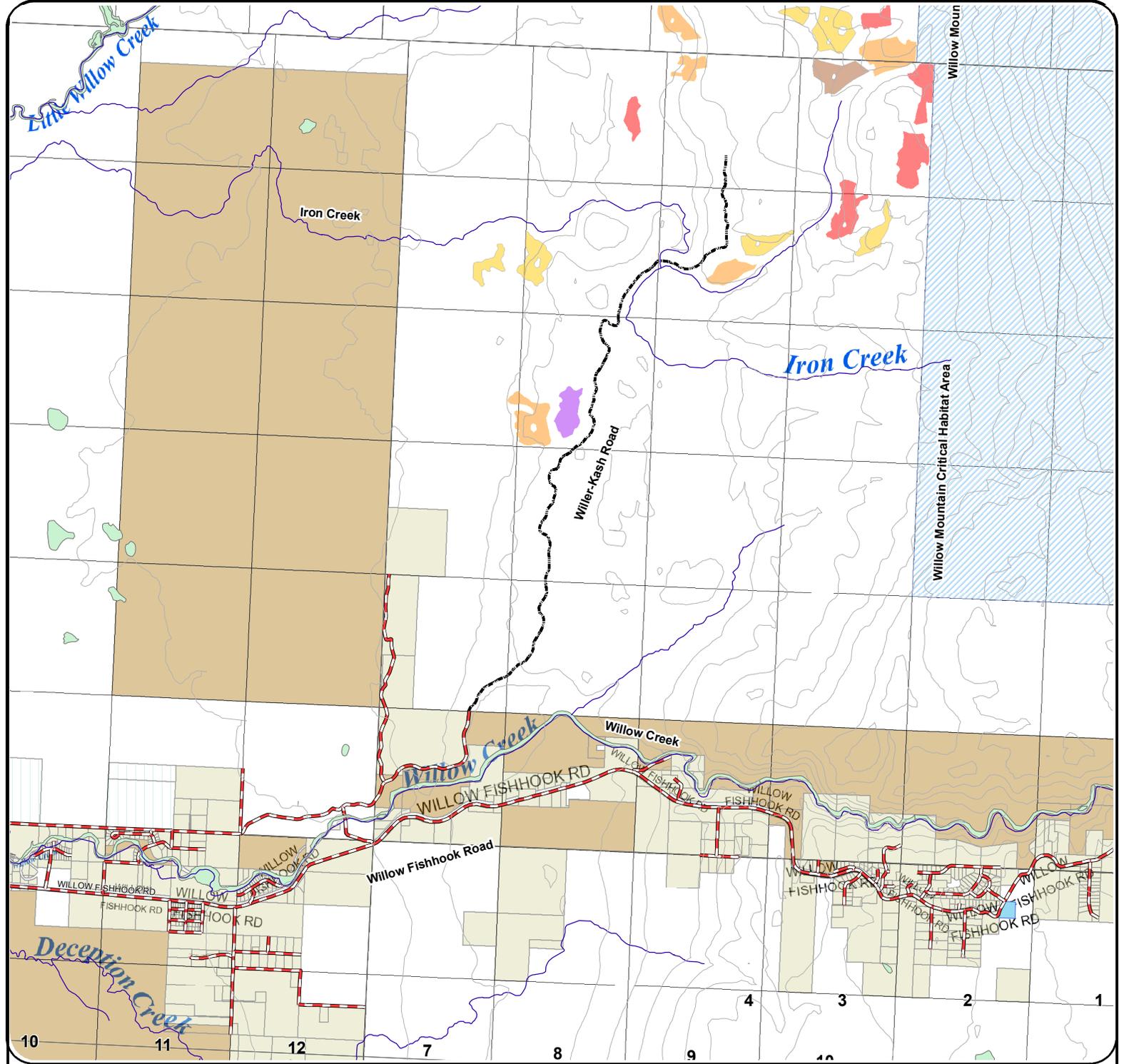
Vicinity Map



Harvest Block: Houston East
Area Plan: Southeast Susitna, Unit P-02, P-03 & U-01
Townships 18 North, Ranges 2 & 3 West, SM
USGS Quadrangle: Anchorage C8



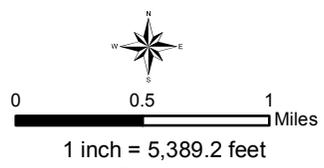
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 Mat-Su Area
 Palmer, Alaska
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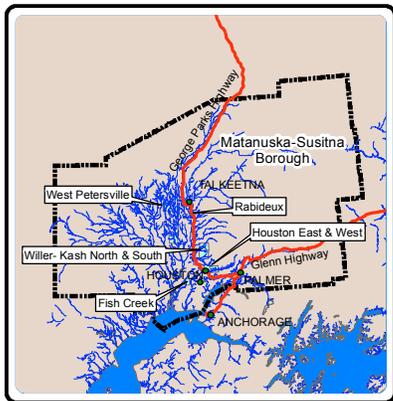
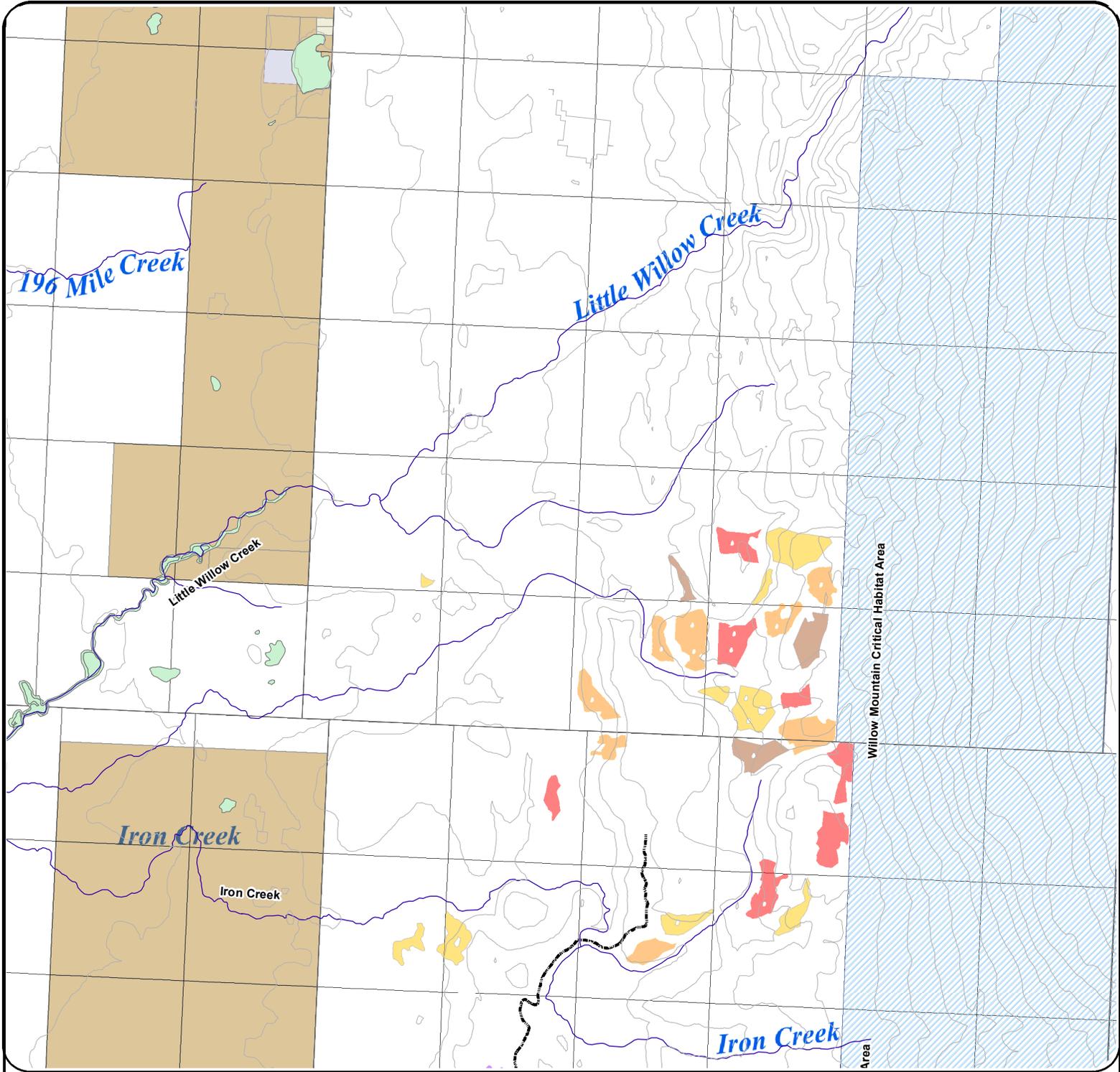
Vicinity Map

	Existing Winter Road
	Proposed Winter Road
	Public Roads
Harvest Year	
	2016
	2017
	2018
	2019
	2020
	Mat-Su Borough Lands
	Mental Health Trust Lands
	Native Corporation Lands
	Private Lands
	Legislative Protected Area

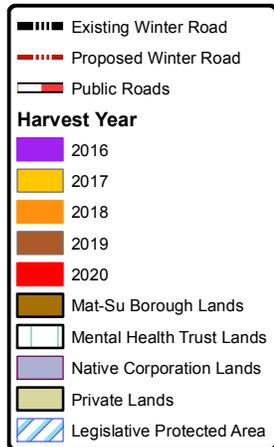
Harvest Block: Willer Kash South
Area Plan: Southeast Susitna, Unit U-01
Township 20 North, Range 3 West, SM
USGS Quadrangle: Anchorage D8



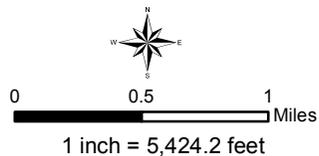
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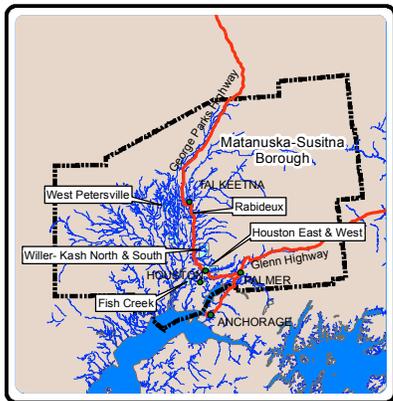
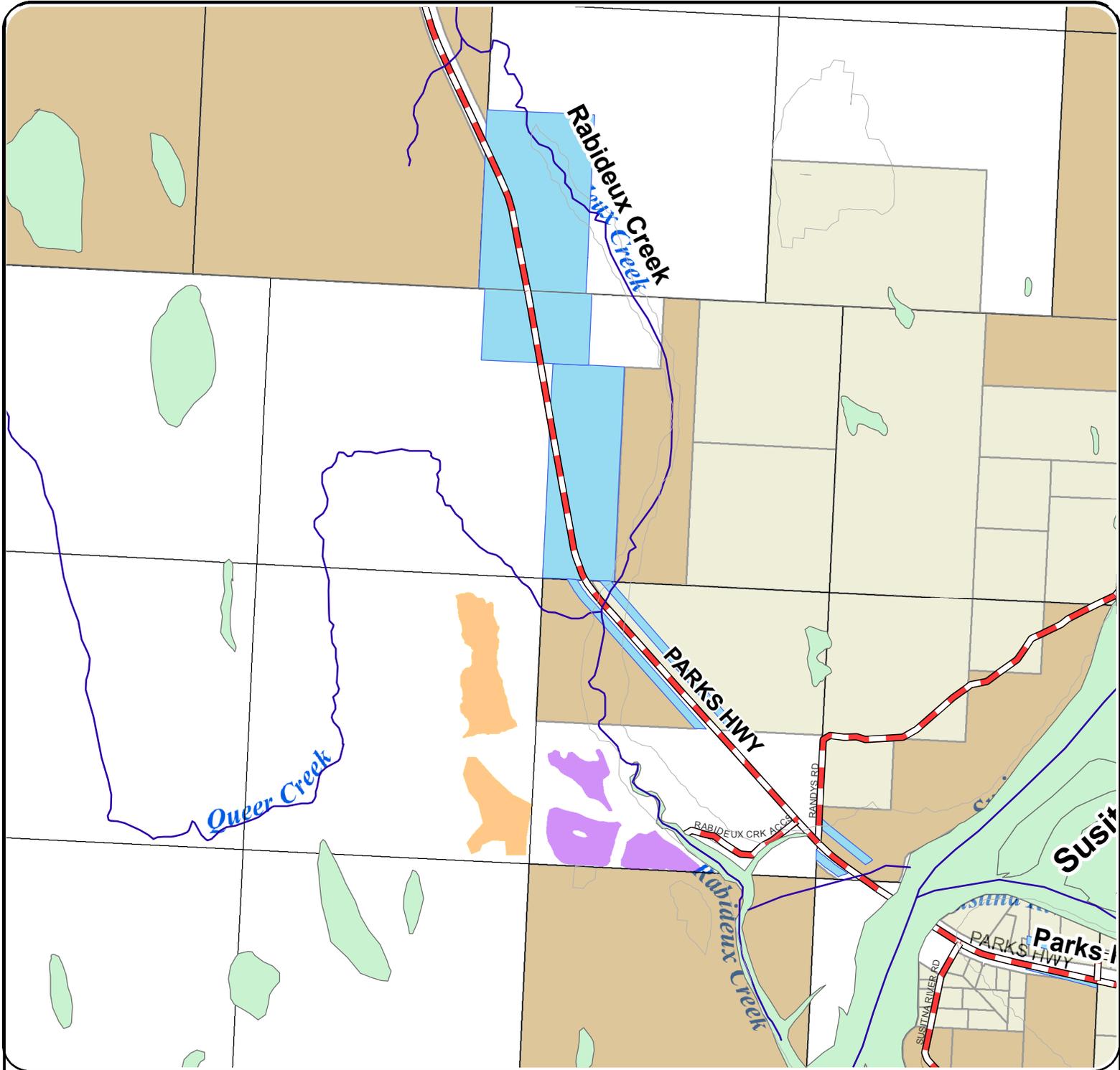
Vicinity Map



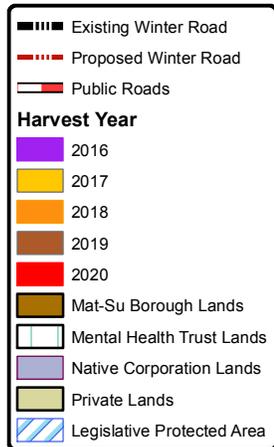
Harvest Block: Willer Kash North
Area Plan: Southeast Susitna, Unit U-01
Townships 20 & 21 North, Range 3 West, SM
USGS Quadrangle: Anchorage D8



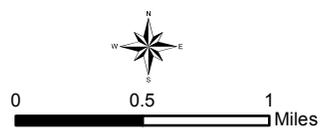
Alaska Division of Forestry
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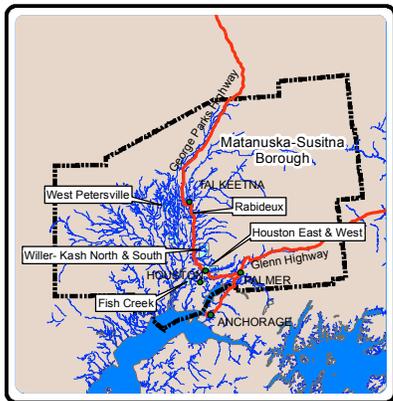
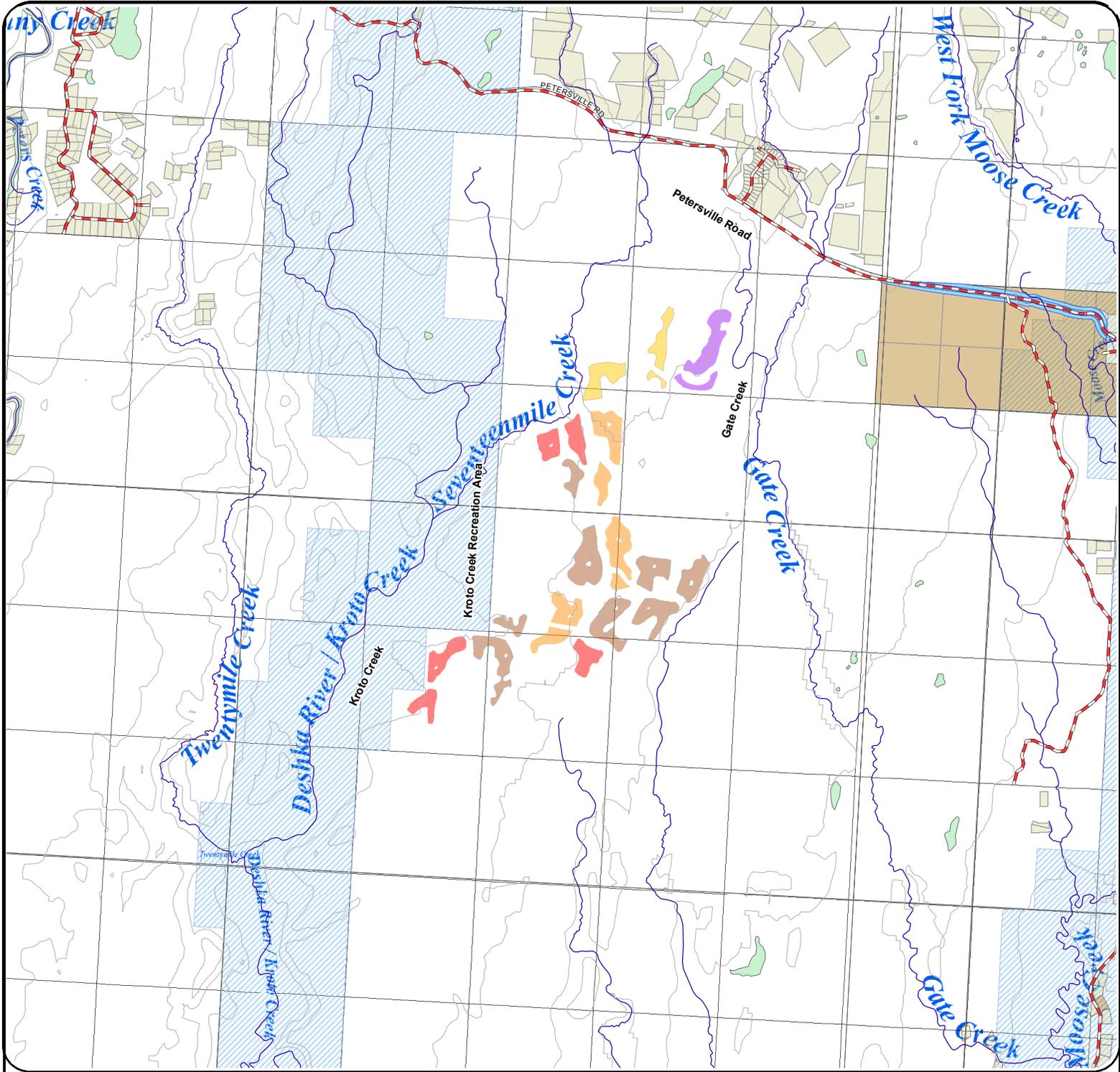
Vicinity Map



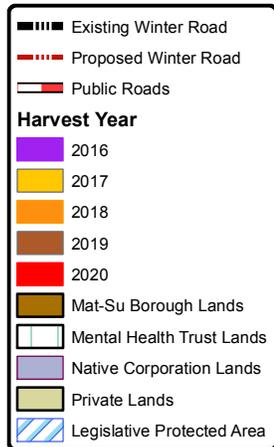
Harvest Block: Rabideux
Area Plan: Susitna Matanuska, Unit P15
Township 24 North, Range 5 West, SM
USGS Quadrangle: Talkeetna A1



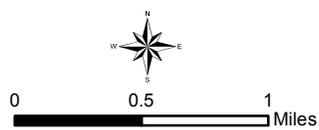
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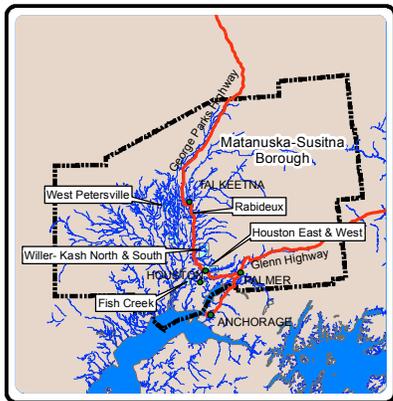
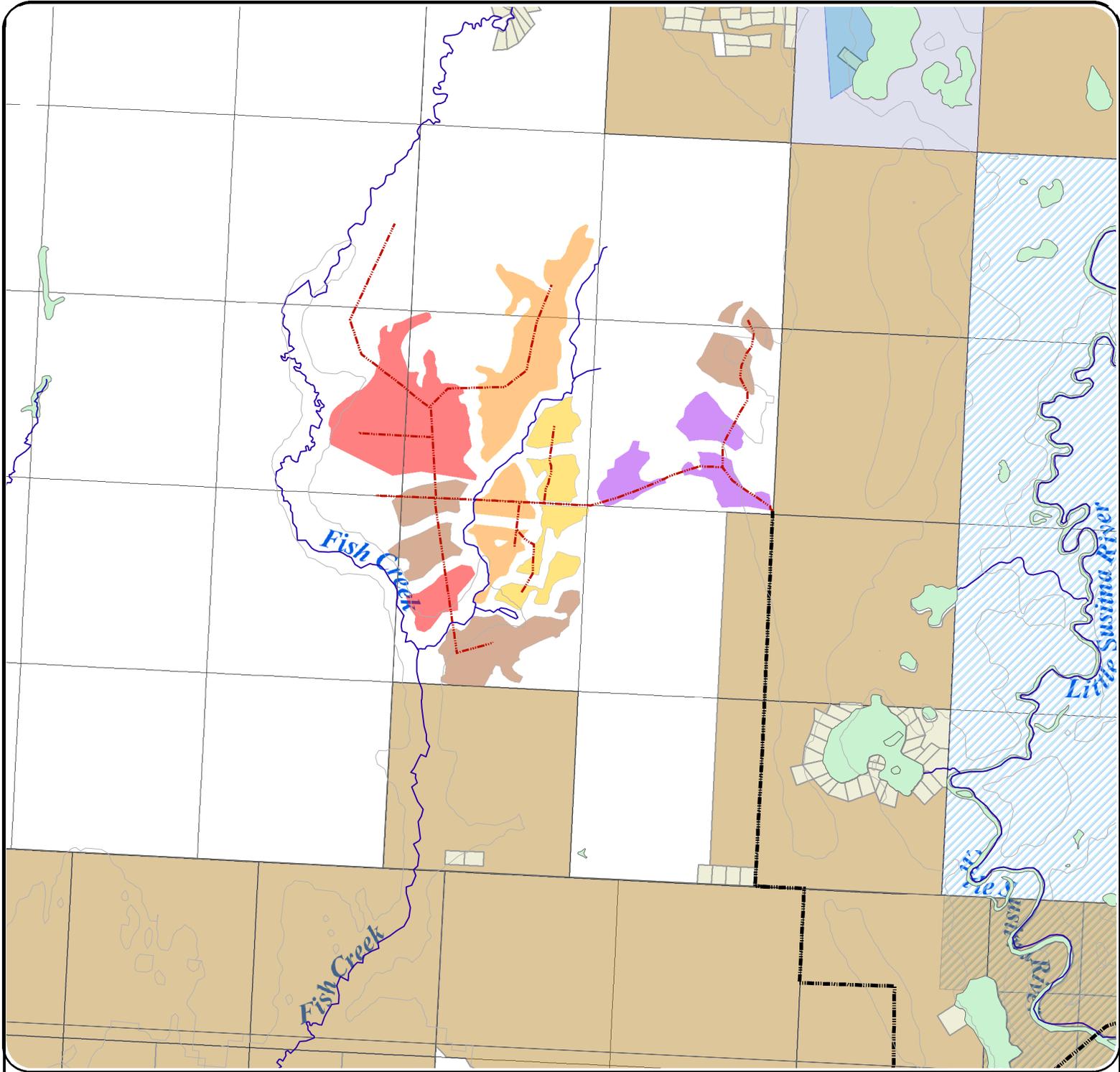
Vicinity Map



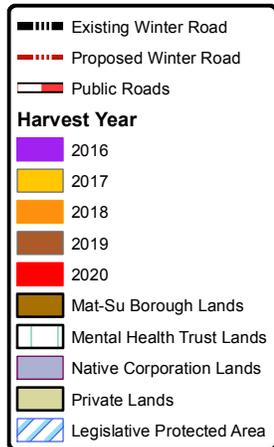
Harvest Block: West Petersville
Area Plan: Susitna Matanuska, Unit P13
Townships 25 & 26 North, Range 7 West, SM
USGS Quadrangle: Talkeetna A2 & B2



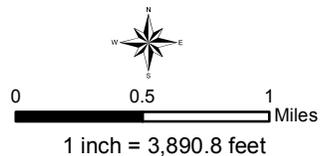
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Vicinity Map



Harvest Block: Fish Creek
Area Plan: Fish Creek Management Plan
Township 17 North, Ranges 5 & 6 West, SM
USGS Quadrangle: Tyonek C1 & C2



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