



Oregon

John A. Kitzhaber, MD, Governor

Department of Forestry

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MEMORANDUM

To: Doug Decker, State Forester

From: Tom Savage, Astoria District Forester

CC: Mike Bordelon, State Forests Division Chief
Liz Dent, State Forests Deputy Division Chief
Andy White, Northwest Oregon Area Director

Date: April 25, 2013

Re: Astoria District Land Acquisition and Exchange Plan

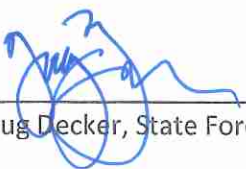
Attached for your review and/or approval is the Astoria District Land Acquisition and Exchange Plan. This plan is intended to guide the District acquisition/exchange efforts over the next several years. This plan is an update of the approved 2008 plan. This plan is required by the State Forest Land Acquisitions and Exchanges administrative rules under OAR 629-033-0015.

OAR 629-033-0015 requires review of the plan by the Board of Forestry prior to approval by the State Forester. On March 6, 2013, the Board of Forestry reviewed this plan. Once the approval process has been completed, the original approved plan will be kept on file in Salem with the State Forests Division Land Specialist.

Since there is a Common School Forest Land parcel included in this plan, it has also been reviewed by the Department of State Lands Asset Management Section and is in alignment with the State Land Board's Real Estate Asset Management Plan (REAMP).

Division staff, Department of State Lands staff, and District staff have coordinated multiple reviews during the development of this final plan being submitted.

APPROVED:



Doug Decker, State Forester

5.3.13

Date

Oregon Department of Forestry Astoria District

Land Acquisition and Exchange Plan



November 2012 Update

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APPENDIX A – BLOCK MAPS

REFERENCES:

State Forests Division Land Acquisition and Exchange Operational Policy, Procedures, and Guidance
ORS 526.016(4)
ORS 530.010(1); ORS 530.040
OAR 629-033-0000 – 629-033-0055
OAR 629-035-0000 – 629-035-0110
Northwest Oregon State Forests Management Plan, 2-57, 4-97, D-24-26
Oregon Department of State Lands Real Estate Asset Management Plan, February 2012.
Common School Forest Land Management Agreement, June 2005
OAR 141-073: Oregon Department of State Lands Rules for the Release, Sale or Exchange of Mineral Rights
OAR 141-067: Oregon Department of State Lands Rules for the Sale, Exchange and Purchaser of Land

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FOREWORD

Following is the revised Oregon Department of Forestry Astoria District Land Acquisition and Exchange Plan. This plan was originally drafted during 2008 and approved on January 9, 2009. Recent changes across the landscape, including completed exchanges, land sales, and new exchange partners have necessitated an update to the plan.

This plan establishes a vision and pathway of how state forestland ownership within the Astoria District should look in the future. The plan identifies possible opportunities for exchanging out of or acquiring parcels that would help to consolidate state forestland on the Astoria District.

The Astoria District manages approximately 136,000 acres of forestland in Clatsop, Columbia and Tillamook Counties. While much of this land is consolidated, thousands of acres are scattered and isolated. The consolidation of state ownership within the Astoria District will greatly improve the efficiency of the management of these lands, and more importantly, increase the total contribution these lands can make to the people of the State of Oregon.

The plan also addresses land disposal and acquisition strategies for Common School Forest Lands (CSFL) owned by the State Land Board (SLB) and managed under contract by the Oregon Department of Forestry (ODF). These strategies are consistent with the State Land Board's Real Estate Asset Management Plan (REAMP) and rules. Department of State Lands (DSL) and the Astoria District will coordinate implementation of the plan as it relates to the management of CSFL parcels.

This plan is a work in progress. It will be necessary to revise the plan as exchanges are completed or the status or condition of ODF land or surrounding ownership changes. It should be understood that other parties may show interest in particular parcels that were not anticipated in this plan. Successful land exchange programs take time and careful analysis by all parties involved.

Individual land exchanges may or may not have a net positive effect on any particular forest resource. However, overall implementation of the plan would take important steps toward achieving Greatest Permanent Value for the Board of Forestry (BOF) lands on the Astoria District.

This plan is intended to be all encompassing of any private and ODF land parcels which could be proposed for acquisition or exchange within the next 10 years. Therefore, the list of proposed land parcels is very long, the number of exchange partners is large, and some of the exchange scenarios are very complicated, necessitating inclusion of a large number of possible parcels to anticipate all of the exchange scenarios we can think of at this time. Therefore, despite some efforts made at "balancing" the possible scenarios with the various exchange partners, this is not a balanced plan. Additionally, many of the parcels identified for acquisition will probably have to be purchased by the department through Forest Development Funds or possibly acquired through three-way or four-way exchange arrangements.

OVERVIEW

SITUATION

The Astoria District is comprised of approximately 136,000 acres of land located in Clatsop, Columbia and Tillamook Counties. The majority of these lands were acquired from the counties as the result of tax foreclosures (BOF lands) and approximately 2,000 acres were lands transferred to the state as a result of the Oregon Admission Act when Oregon gained statehood (CSFL). The CSFL are managed by ODF under an agreement with DSL. While some of these lands are in a consolidated ownership pattern, many are in isolated tracts. These tracts can be difficult and expensive to manage in order to achieve Greatest Permanent Value for the BOF lands.

CSFL parcels are managed in accordance with the State Land Board's Real Estate Asset Management Plan (REAMP). It should be noted that in some cases DSL may determine that sale of a CSFL parcel is in the best interest of the Common School Fund. In those instances, DSL will require de-certification of the parcel from ODF management. The SLB must approve all de-certifications as well as the disposal (sale or exchange) of any CSFL parcels. Close coordination between ODF and DSL is required throughout the implementation of this plan to assure that all legal and policy requirements are met.

PURPOSE

The purpose of this acquisition and exchange plan is to identify parcels of property that could either be exchanged or acquired to improve management effectiveness for ODF and adjacent landowners. Exchanging isolated parcels of land would improve recreational opportunities for the public, reduce surveying workloads, minimize operational conflicts, create more natural and environmental operational boundaries, eliminate unnecessary roads, and provide other benefits that improve the efficiency of land management. Acquisition of some smaller tracts, in situations where land exchange is not practical, is also desirable for the same reasons.

OBJECTIVE

The objective of the Astoria District is a land acquisition and exchange program that results in a consolidated, more efficiently managed land base while meeting the particular requirements of both BOF lands and CSFL. The following are the general objectives:

1. Exchange or acquire lands to improve management efficiency for ODF and our exchange partners by minimizing conflicts caused by scattered forestland ownerships;
2. Exchange or acquire lands to increase the amount of land available for public use;
3. Exchange or acquire BOF lands to secure Greatest Permanent Value;
4. Meet the requirements of the State Land Board's REAMP;
5. Work cooperatively with DSL's Asset Management Section to implement the land acquisition and exchange program consistent with the REAMP and DSL land sale and exchange rules.

FORESTRY PROGRAM FOR OREGON LINK

This acquisition and exchange plan promotes the Forestry Program for Oregon in that its objectives include maintaining the State forestland base, consolidating forestland ownership, and encouraging long-range investments in forestland productivity.

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AUTHORITY & GUIDANCE

Statute and Administrative rule provide authority and direction concerning the exchange and acquisition of land into the state forest ownership; they are paraphrased here.

The Common School Forest Land Management Agreement: Oregon State Land Board, Oregon Department of Forestry and Oregon Department of State Lands (June 2005) identifies ODF's responsibilities to plan and carry out a land acquisition, disposal and exchange program in accordance with the Real Estate Asset Management Plan or the Land Board's policies. The agreement also identifies DSL's role to: review land exchanges and acquisitions, including examinations for mineral and non-forest income production potential and make recommendations to the Land Board for approval/denial.

ORS 526.016(4) Describes duties of the Board that include the responsibility to develop rules to perform necessary functions.

ORS 530.010(1) Authorizes the Board of Forestry to acquire...or exchange land for forest purposes.

ORS 530.040 Declares it to be desirable that...land shall be consolidated wherever possible through exchange of lands...and recognizes that management of state forests will be more economically feasible through such consolidation. It also describes how exchanges shall take place.

OAR 629-033-0000 through 629-033-0055. Provides procedural guidance through Administrative Rule on a process for acquisitions and exchanges of state forestlands.

ORS 530.050 Greatest Permanent Value means healthy, productive, and sustainable forest ecosystems that over time and across the landscape provide a full range of social, economic and environmental benefits to the people of Oregon, as defined in OAR 629-035-0020. Paragraph (11) of this statute states "Do all things and make all rules, not inconsistent with law, necessary or convenient for the management, protection, utilization and conservation of the lands." This is a good summary statement of this law. In the case of this acquisition and exchange plan, it exceeds the "necessary and convenient" standard and actually enhances all forest values for the State of Oregon.

The Northwest Oregon State Forests Management Plan. This plan provides several references to land exchange.

2-56. ...The purpose of acquiring and exchanging land is to increase the amount of state forestland and/or to block up state forest ownership (consolidate state forestlands in contiguous blocks, instead of in scattered parcels). The consolidation of state forestlands will increase management efficiencies and long-term economic values, and enhance stewardship practices and other forest resource values.....

4-97 (3)The Department of Forestry will actively pursue beneficial land acquisition and exchange opportunities as a means to increase management efficiency and economic values, and to enhance forest stewardship and other forest resource values.....

The reasons for acquiring or exchanging parcels in the Astoria District align with the guidance in the Northwest Oregon State Forests Management Plan.

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OTHER REFERENCES

- State Forests Division Land Acquisition and Exchange Operational Policy, Procedures, and Guidance
- Management of State Forest Lands OAR 629-035-0000 - 629-035-0110
- Astoria District Implementation Plan
- Department of State Lands Real Estate Asset Management Plan (REAMP), February 2012.
- Department of State Lands Rules for the Release, Sale or Exchange of Mineral Rights held by State Agencies other than the Department of State Lands (OAR 141-073).
- Department of State Lands Rules for the Sale, Exchange and Purchase of Land (OAR 141-067).

RATIONALE FOR LAND EXCHANGES

The Astoria District considers land exchanges to be beneficial for several reasons listed below.

1. Improve public use opportunities of state forestland. Most of the privately owned forestland in the Coast Range is located behind locked gates. Locked gates have become numerous in recent years as landowners try to reduce illegal woodcutting, garbage dumping and other acts of vandalism. Many of the isolated state forestland parcels are intermingled with private forestland and can only be accessed through locked gates. While ODF generally has easements that allow commercial activity behind these gates, public access is restricted. Exchanging out of isolated parcels and acquiring property next to larger blocks of ODF ownership increases the amount of land available for public recreation.
2. Increase efficiency of land management. Managing scattered lands can be inefficient. Mixed ownerships can cause additional property line surveying, road easements, road maintenance conflicts, inadvertent trespass, unintentional damage, and activities that might cause conflicts with neighbors.

Surveying: It is important to survey property lines prior to conducting management activity, especially timber harvests. Even after the original survey, the property lines need to be re-established or “refreshed” to prevent timber trespass. By exchanging isolated parcels with one another, landowners can reduce the cost of surveying and property line maintenance.

Road Easements and Maintenance: Landowners must acquire legal access, usually in the form of road easements, to pass through other ownership. These easements may have insurance, payment and maintenance requirements. All require time and money to acquire and monitor. Sometimes roads in mixed ownership may be used by two or three different owners causing conflicts of use or maintenance and the potential for one landowner to inadvertently block the access of another.

Inadvertent Trespass/Unintentional Damage: Logging contractors may need to establish “tailholds” across a canyon in order to harvest an area. In areas of mixed ownership this may mean that the logger must seek permission to use another’s property and risk incidental damage to that party’s property in order to harvest their own timber.

Neighbor Conflicts: Timber harvesting, slash disposal, and pesticide use, as well as many other commercial activities, represent opportunities for neighbor conflict. Resolution and accommodation can require considerable time and cost.

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In most cases landowners work well together and will facilitate each others' activities, but problems do occur and the potential for conflicts to develop is high. Consolidating ownerships greatly reduces these conflicts and decreases the effort needed to monitor one another's activities.

3. Reduce adverse environmental impacts. The Coast Range is relatively steep, heavily dissected topography. To effectively manage forestland in this region with minimal environmental impacts, it is ideal to plan management to fit the natural "lay of the land". Planning roads on stable areas and fitting harvest areas to natural breaks in topography along ridges, streams or other features minimizes the amount of road that needs to be built and maintained, and reduces the amount of edge exposed to wind throw and other losses.

When lands are managed in mixed ownership, it is often not possible to plan activities around the topography. Instead, activities must be planned around existing roads and property lines. Most property lines are linear and do not follow natural breaks in topography. Extra roads must be built, sometimes in areas that pose greater environmental risk, especially to streams.

4. Provide greater benefits to the citizens of Oregon. By acquiring lands that fit in better with ODF's overall ownership pattern, and divesting lands which are isolated or are not suitable for forest uses, the goal of Greatest Permanent Value for BOF lands will be advanced.
5. Common School Forest Land parcels. The management status of these lands and the respective roles of ODF and DSL have been discussed earlier. About 1.5% of the lands within the Astoria District are CSF lands. The REAMP classifies forestland as either certified (managed by ODF) and de-certified (managed by DSL). Generally, the REAMP calls for the retention of "higher-performing" forestland parcels within the Northwest Oregon Area that includes the Astoria District.

According to the REAMP, other scattered forestland parcels may be evaluated on a case-by-case basis (as is being done in this Land Exchange and Acquisition Plan). The evaluation criteria for retention, acquisition, and disposal are in the REAMP on page 20, items 6 through 12.

A preliminary analysis of the CSF lands identified in this plan indicates they appear to meet the REAMP disposal criteria. More site-specific analysis will be needed in order to comply with the State Land Board's land sale and exchange rules and in some cases, the de-certification process. As DSL is interested in blocking up its forestlands, land exchanges offer the most expedient path to meeting this REAMP strategy. Finally, CSF lands identified for disposal in the plan may also be sold in order to create land re-investment opportunities. As stated before, land sales require de-certification and final approval by the SLB.

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DISTRICT ACQUISITION AND EXCHANGE PROCEDURE

District personnel have, over the years, discussed land exchanges with representatives of some of our adjacent industrial forestland owners and identified high priority land parcels for exchange. Land exchanges with interested trading partners in the district would proceed as soon as possible assuming adequate funding is available. Ongoing consultation with adjacent forestland owners will be continued in an effort to identify additional exchange opportunities. Acquisitions, by outright purchase, of some smaller “in holdings” by private individuals and by Clatsop County could begin immediately, once the district has approval to seek such acquisitions.

PARCEL LIST / Individual Parcel Description

The proposed parcels listed, in the following tables and text, are identified with a map number. This number is referenced in the table and text. Because of the large number of parcels, a system of Land Exchange Blocks has been developed to group the parcels geographically. Many of the parcels identified for acquisition or exchange, particularly with the large industrial landowners; do not appear to make sense when viewed in their entirety. That’s because there are several scenarios for land exchanges with these owners and we wanted to identify all of the parcels being considered, so they would be part of this plan. Where several possible exchange scenarios exist, we have endeavored to identify them and why each one would be advantageous to ODF and in compliance with our land exchange policies.

In the following individual parcel descriptions there are several references to Aquatic Anchor Sites. These are replacing areas currently called Salmon Anchor Habitat. On July 1, 2013, the State Forests Division of ODF will start using the Aquatic Anchor Sites instead of Salmon Anchor Habitat. To have a Land Acquisition and Exchange Plan for the future we are using Aquatic Anchor Sites in this document.

Obviously, ODF cannot acquire all of the parcels listed, and some of them would not be desirable to acquire unless other key parcels were also acquired. However, we have listed all parcels identified as possible acquisitions over the next decade. Many of the listed parcels do not have any State Forest parcels associated with them for exchange to the exchange partner. Therefore, to acquire some of these parcels, ODF would need to arrange “three-way” or “four-way” agreements involving other owners. To acquire some of the listed parcels, particularly those of very small acreage, ODF may simply need to purchase them.

Abbreviations:

BLM	Bureau of Land Management	FLMC	Forest Land Management Classification
BOF	Board of Forestry	GIS	Geographic Information System
BPA	Bonneville Power Administration	ODF	Oregon Department of Forestry
CSFL	Common School Forest Lands	ODFW	Oregon Department of Fish and Wildlife
DFC	Desired Future Condition	REAMP	Real Estate Asset Management Plan
DSL	Department of State Lands	SLB	State Land Board

Parcels identified in the list(s) that are new with this revision are identified with an asterisk (*).

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Land Exchange Block 1 (See Appendix A-2)

Map ID #	Parcel Name	Approx Acres	Legal Description	Priority
1	Tucker Creek	58	Portion S½S½ Section 6 and Portion N½ Section 7, T7N, R9W, W.M.	High
2	Youngs River	91	Tax Lot 1900 in Portion E½ Section 10, T7N, R9W, W.M.	High
3	Augusta Park	0.23	Vacated Lots 13 & 14, Block 7 of Augusta Park Addition, Section 15, T8N, R9W, W.M.	High
4	Wicks Road	729	Portions of Sections 23, 26 & 27, T8N, R9W, W.M.	High
5	Reservoir	17	Portions of Blocks 3-8 of Kinney's Addition, along with BOF land in Tax Lot 1600 west along the Pipeline Road, Section 16, T8N, R9W, W.M.	Medium
6	Emerald Heights	12	Portions of Blocks 95 & 96 of Alderbrook Addition; and Portions of Blocks 3,4,9 & 10 of Hanthorn's Addition, Section 10, T8N, R9W, W.M.	Medium
7	Scandinavian Road	15	Tax Lot 3500 in Portion E½ Section 14, T8N, R9W, W.M.	Medium
8	Scandinavian Cannery	20	Tax Lot 3400 in E½ Section 14, T8N, R9W, W.M.	High
9	Fairgrounds	15	Portion of NW¼NW¼ Section 27, T8N, R9W, W.M.	Medium
10	Adair's South Addition	35	Portions of Blocks 144-147; 154-157; 164-168; and 173-175 of Adair's South Addition to Astoria, located in Sections 15 & 16, T8N R9W, W.M.	Medium
11	Dyblie Lane	0.07	Tax Lot 3200 (Lot 29, Block 10, Hustlers Addn.) in NE¼NW¼ Section 21, T8N, R9W, W.M.	Medium
12	Cooperage	65	Tax Lot 1500 in Portions of SW¼ Section 11 and Portion E½SE¼ Section 10, T7N, R9W, W.M.	High
13	Hanthorn's Addition	0.15	Vacated Lots 35 & 36, Block 2 of Hanthorn's Addition, Section 10, T8N, R9W, W.M.	High
14	Augusta Park Addition	0.15	Lots 4 & 5, Block 5 of Augusta Park Addition (Tax Lot 500), Section 15, T8N R9W	High
15	Young's Addition	0.07	Vacated Lot 28, Block 14 of Young's Addition to Alderbrook, Section 15, T8N, R9W, W.M.	High
16	Daggett Point	38	Tax Lot 100 in Portion N½ Section 20, T8N, R9W, W.M.	High
*17	Crosel Creek	40	NW ¼ of the NE ¼ of Section 27, T8N R9W, W.M.	Low
18	Fern Hill	35	Tax Lot 100 in Portion NE¼NE¼ Section 24, T8N, R9W, W.M.	High
Totals	18 Parcels	1,171		

1. Tucker Creek (BOF)

This parcel of approximately 58 acres of BOF land is bordered on the east side by Lewis and Clark Oregon Timber LLC lands, and by private non-industrial forestlands and a small BLM tract on the other three sides. The road access is across Lewis and Clark Oregon Timber LLC

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property. FLMC zoning on the western 25% is “Focused- Visual.” DFC is “general” structure. Terrain is gentle to moderate, with both ground based and cable yarding having been used in the recent timber harvest. About 95% of the current forest cover is well-stocked conifer reproduction, about 15 years old, and the remaining portion along the western edge is large merchantable hemlock timber. This isolated parcel is considered a high priority for land exchange.

2. Youngs River (BOF)

This parcel of approximately 91 (GIS) acres (96 legal acres) of BOF land is primarily a wetlands parcel along Youngs River and adjoining Parcel 12, Cooperage. There are about 15-20 acres of actual forestland on this parcel, currently hosting a mature stand of spruce and hemlock sawtimber. The remainder of the parcel is an undiked natural wetlands of high value to the lower Columbia River estuary, making this parcel a valuable environmental piece, but of low commercial value. It is considered to be a high priority for land exchange because of its limitations in forest management options. Because of high environmental values, it probably most appropriately should remain in public ownership or be owned by a conservancy group (such as North Coast Land Conservancy or Nature Conservancy). DSL may also be an exchange partner for this parcel. As expected, the terrain is essentially flat, drained by several “sloughs” into the river, and the forest site quality is low, as this land supports mainly wetland vegetation of grasses, forbs, and shrubs. FLMC zoning is Special-Aquatic & Riparian and the DFC is General, with about 10% in Layered.

3. Augusta Park (Whitmer)

This parcel of 0.23 legal acres is another “in holding” within the Astoria Basin which is completely surrounded by State Forest land. The district has attempted to purchase this parcel in the past but was unsuccessful. FLMC zoning for the adjacent State Forest land is Special-Aquatic & Riparian stewardship. The terrain is moderate and the growing site is very good. DFC is General. Current forest cover is well-stocked Douglas-fir and hemlock, nearing merchantable size. This parcel is considered a high priority for acquisition, probably by purchase.

4. Wicks Road (Lewis and Clark Oregon Timber LLC and several small landowners)

This parcel of approximately 729 acres is bordered for about 60% of its perimeter by State Forest lands. Other neighboring owners are private non-industrial forests, farm fields, and rural residential properties. This parcel lies between the two major blocks of Clatsop State Forest’s Astoria Basin, with the ridgetop Pipeline Road connecting the two blocks for about 1.2 miles. Acquisition of this parcel, would effectively “block in” State Forest lands in the basin very well. In addition to the obvious benefits for forest management and land surveying activities, this “blocking in” would permit the district to proceed with its recreational zoning plans for the Astoria Basin, which are presently hampered by the intervening private lands whose owners have different objectives. For these reasons, this parcel is a high priority for acquisition. FLMC zoning for State Forest lands adjacent to this parcel are mostly “General” stewardship, as are the DFC of surrounding forests. There is a BPA power line right of way crossing this parcel, which is zoned “Special-transmission lines,” and there are buried water pipelines and gas lines along the Pipeline Road, as there are on adjoining ODF lands. Terrain is gentle to moderate and there are no Type F streams on the parcel. Current forest cover is mostly older conifer reproduction, which will be merchantable sized within the coming decade, and young conifer timber. About 135 acres were clearcut and replanted in 2004-05.

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5. Reservoir (BOF)

This parcel of approximately 17 acres of BOF land is currently bordered on three sides by City of Astoria lands and is also immediately adjacent to the city's main water reservoir on the Pipeline Road. Present forest cover is a 45- to 50-year-old stand of merchantable Douglas-fir and hemlock. The DFC for this parcel is General, and it's within an FLMC zone classified as General. During the past 14 years, city crews have repeatedly asked permission to remove trees from this land adjacent to the reservoir, to reduce the influence of alder leaves in the open water. The main water pipeline from the reservoir to the developed areas of the city also runs alongside the north border of this parcel. ODF has been accessing this parcel from the south side and much of it was not included in a recent commercial thinning operation because of potential conflicts with city uses. Exchanging this parcel to the City of Astoria would give the city more control over its water resource and would decrease conflicts with commercial forestry uses.

6. Emerald Heights (BOF)

These two parcels of approximately 12 acres combined of BOF land are immediately adjacent or nearby to the Emerald Heights housing project (old World War II Naval housing). The northernmost area (about 2 acres) is right up against the "back yards" of about 7 of the apartment buildings in the housing project. The larger parcel, about 10 acres, is about 600 feet from the actual apartment buildings, but includes a City of Astoria water storage tank, pipeline, and associated road between the water tank and the housing project. Both parcels were clearcut harvested in about 1991 and contain well-stocked stands of Douglas-fir and hemlock reproduction. Both parcels have a DFC of General and the FLMC zone is General stewardship. With the addition of the City's water tank to this area a few years ago, these parcels are difficult for ODF to manage effectively, and they are presently cut off from road access to other State Forest lands to the south. It would be advantageous for both ODF and the City of Astoria for these lands to become part of the city, as use conflicts would be greatly reduced.

7. Scandinavian Road (BOF)

This long, narrow parcel of approximately 15 acres of BOF land is separated from the larger bulk of State Forest land in the Astoria basin by a similar narrow parcel owned by the Warila family. The Scandinavian Cannery Road runs through both parcels. Besides the Warila parcel, adjacent landowners on the east and south sides are rural residential lots, about six in all. Exchanging this parcel to the Warilas for their adjacent (to the west) parcel would "block in" the forest ownership better and eliminate the situation of having rural residential properties immediately adjacent to State Forest lands. Another possibility would be to trade the southern 5.5 acres of this parcel for the northern 3.7 acres of the Warila parcel, leaving everything north of the Scandinavian Cannery Road as ODF land, and the portions of the two lots south of the road as Warila land. FLMC zoning for this parcel is General stewardship and the DFC for the portion north of the road is General, while the portion south of the road is General. Terrain is gentle. Forest cover north of the road is 55-year-old merchantable Douglas-fir and hemlock, which was thinned in about 1998. South of the road, it's merchantable sized alder. This parcel is considered to be a medium priority for exchange. This parcel is zoned RA-2 which may make it desirable for acquisition by DSL.

8. Scandinavian Cannery (Warila)

This parcel of approximately 20 acres is a long, narrow strip of private land between State Forest land on three sides. The Scandinavian Cannery Road runs through this parcel, along with the adjacent State Forest lands. There are two scenarios for land exchange involving this parcel. One would be to just acquire the 3.7 acres north of the road while exchanging to Warila

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the 5.5 acres of State Forest land south of the road. The second scenario would be to acquire the entire 20-acre parcel and exchange the 15-acre ODF parcel to Warila. Either way, ODF would become “blocked in” along this boundary. A third scenario, not involving exchange, would be for ODF to simply purchase the 20-acre Warila parcel. FLMC zoning for the adjacent State Forest land is General stewardship, and the DFC is General. The terrain on this Warila parcel is gentle, the site quality is very good, and the current forest cover is young conifer and alder timber, about 45 years old. This parcel is considered a high priority for acquisition, under one of the scenarios discussed above.

9. Fairgrounds (Clatsop County)

This parcel of approximately 15 acres is directly behind the Astoria District Headquarters and Demonstration Forest. It currently supports a merchantable stand of 60- to 70-year-old hemlock, and a State Forest road cuts across the northwest corner. State Forest land is adjacent to this parcel on two sides. The parcel is also directly behind the Clatsop County Fairgrounds, which is adjacent to the Astoria District Headquarters. FLMC zoning for the State Forest lands on the west of this parcel are Focused-Recreation and Focused-Administration. Acquisition of this parcel would be advantageous to ODF to “block in” lands between the district office and other State Forest lands, and also for possible expansion of the Demonstration Forest which is located on the hill behind the office complex. Clatsop County may be unwilling to part with this parcel, however, because of its location next to the current fairgrounds, which were just developed in 1994-95.

10. Adair’s South Addition (City of Astoria)

This parcel of approximately 35 acres is currently bordered on two sides by BOF lands and is definitely forestland. A State Forest road enters the eastern portion, and another comes within 100 feet of the edge of the western portion. The eastern portion was clearcut harvested about 1991 and is currently well-stocked with Douglas-fir and hemlock reproduction. The State Forest land adjacent to the western portion was commercially thinned in about 2000. This western portion contains a 50- to 55-year-old stand of hemlock similar to the one thinned on state land. Adjacent State Forest lands are planned for a DFC of Layered. The City of Astoria owns about 260 acres of undeveloped forestland between this parcel and the developed residential areas of the city. Acquisition of this parcel would add high site forestland to ODF’s land base in areas suitable for forest management and harvesting in the future. It might also fill in ODF ownership in a location suitable for development of a link for a future motorized recreational trail.

11. Dyblie Lane (Gowing)

This parcel of 0.07 legal acres is located along the outside ownership edge of the Astoria Basin, with State Forest land on three sides. The parcel is only 25 feet wide. The landowner has a residential lot on the west side and this parcel “juts” into State Forest land for about 120 feet. FLMC zone for the adjacent State Forest land is Focused-Visual and the DFC is General. Terrain on the parcel is gentle and the site quality is very good. Current forest cover is a 16-year-old well-stocked conifer plantation. This parcel is considered a medium priority for acquisition, mainly to simplify future surveying and harvesting activities.

12. Cooprage (BOF)

This parcel of approximately 65 acres of BOF land lies adjacent to the south side of Highway 202 and is surrounded by private land on three sides. The only road through this parcel also serves as a driveway to the rural residence to the south. There is also a 15-acre private “in holding” in the northwest part on which there are three residences. To the west is Parcel 2, which is a large tideland area of state owned land. FLMC zoning has about 1/3 of this parcel,

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near the highway, as Focused-Visual, and the rest is General stewardship. DFC for this parcel is Layered. The terrain is gentle slopes, with a low gradient drainage heading west out of this parcel into the tidelands of Parcel 2. Forest cover is about 20% in large spruce sawtimber stands, about 70% in scrubby alder stands on poorly drained soils, and 10% in grass fields. This parcel is considered to be a high priority for exchange because of its isolated location, the adjacent rural residences, and its relatively high real estate value as a rural residence and farm property. The current resident landowners to the south, logical possible exchange partners, are Steven and Bonnie Simon, of Astoria. DSL may also be an exchange partner due to the potential for property development. The conservation value of this parcel will be considered when developing exchange proposals.

13. Hanthorn's Addition (Crowell)

This parcel of 0.15 legal acres is an "in holding" within the Astoria Basin which is completely surrounded by State Forest land. The district attempted to purchase this parcel about 24 years ago before the surrounding forest was clearcut but that attempt was not successful. Therefore, the boundaries of the parcel were marked and the private timber (about 3 or 4 trees) was left standing. This parcel is presently surrounded by a well-stocked conifer plantation about 21 years old. Terrain is gentle, it's a very good growing site, and the FLMC zoning for the adjacent State Forest land is Focused-Aquatic & Riparian stewardship. DFC is General. This parcel is considered a high priority for acquisition, probably by purchase.

14. Augusta Park Addition (Clatsop County)

This parcel, is a tax-foreclosed "in holding" within the Clatsop State Forest, in a area nearby the City of Astoria which was originally platted by developers during the 1800's for planned expansion of the city. This parcel is completely surrounded by State Forest land, support merchantable stands of timber similar to the surrounding State Forest, and would be advantageous for ODF to purchase (or accept as a donation) from the county, thereby avoiding expensive surveying and property line maintenance costs. The district has acquired many similar "in holdings" in the past, and this one appears to be one of the last ones currently remaining. Current DFC for the surrounding State Forest lands is General.

15. Young's Addition (Smart)

This parcel of 0.07 legal acres is another "in holding" within the Astoria Basin which is completely surrounded by State Forest land. The district has attempted to purchase this parcel in the past but was unsuccessful. FLMC zoning for the adjacent State Forest land is Special-Aquatic & Riparian stewardship. The terrain is gentle and the growing site is very good. ODF conducted a commercial thinning on the surrounding State Forest lands in about 2000, and the current forest cover is mixed hemlock/ Douglas-fir, about 55 years old. DFC is General. This parcel is considered a high priority for acquisition, probably by purchase.

16. Daggett Point (BOF)

This parcel of approximately 38 acres (GIS measurement), or 47 legal acres of BOF land, is isolated from other State Forest ownership and is not even forestland. This parcel is "tideland," straddled on three sides by the waters of Youngs Bay. To the south is a large flat peninsula of grazing land. This parcel does not appear to have been diked and there are several small sloughs running from it into the waters of the bay. An overhead power line crosses this parcel and there are steel towers supporting these lines situated on the highest point of land. The only "forest" on this parcel are a few short Sitka spruce trees, and the rest supports only wetland vegetation. FLMC zoning for this parcel is Special-Aquatic & Riparian, and the DFC is also General. This parcel does not add anything to the State Forest ownership, but the only logical

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purchaser of such land would be the adjacent owner of the pasture land, a land conservation group, or DSL. Because of its isolation and not contributing to the State Forest, this parcel is listed as high priority for exchange despite the limited potential for sale or exchange. The conservation value of this parcel will be considered when developing exchange proposals.

17. Crosel Creek (Lewis and Clark Oregon Timber LLC)

This parcel of approximately 40 acres is currently bordered on the north side by BOF lands. A State Forest road crosses through the western corner of this parcel and another state road nearly touches the parcel on the northeast corner. Approximately 12 acres of the parcel was harvested in 2012 leaving approximately 28 acres un-harvested. Vegetation consists primarily of 30-50 year old Douglas-fir, with some western hemlock and red alder. This parcel is immediately adjacent to Parcel 4, which is a large contiguous block of forest land that if acquired would increase State Forest land ownership in the Astoria Basin, the management basin closest to the city limits of Astoria.

18. Fern Hill (BOF)

This parcel of approximately 35 acres of BOF land lies just south of Highway 30, with other State Forest land across the highway on the north side. To the east is private non-industrial forestland; to the west is the driveway to a private residence and a wetland area; to the south are mainly rural residential lots, about five in all. The Fern Hill County Road runs through the southeast part of this parcel, and an overhead power line crosses over it from east to west. A telephone cell tower is situated on the private land just to the east of this parcel. FLMC zoning on this parcel is about 60% Focused-Visual, about 20% Special-Transmission Lines, and the remaining 20% is General stewardship. The DFC is General. The terrain has gentle to moderate slopes, no significant streams, and the parcel is sufficiently roaded for effective management. Forest cover is mostly a dense plantation of hemlock about 14 years old, with about an acre of mature hemlock timber along the highway in the northwest corner and about 2 acres of small merchantable alder and scattered conifer in the southwest corner. This parcel is considered to be a high priority for exchange because of difficulty in managing it as part of the greater landscape and because of problems associated with the residential-forest interface. Zoning within this parcel may make it desirable for acquisition by DSL.

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Land Exchange Block 2 (See Appendix A-3)

Map ID #	Parcel Name	Approx Acres	Legal Description	Priority
19	Ivy Station	390	Portions of Section 13 and Portion N½N½ of Section 24, T8N, R8W, W.M.	Medium
20	Meahan Road	15	Portions of SE¼NE¼ Section 21, T8N, R7W, W.M.	High
21	Supply Creek	228	Portions of Sections 19, 15 & 16, T8N, R7W, W.M.	Medium
22	Fertile Valley	930	Portions of Sections 8, 9, 10, 15 & 16, T8N, R7W, W.M.	Low
23	Valley Creek	21	Tax Lot 2400 & 2500 in Portion S½ Section 16, T8N, R7W, W.M.	High
Totals	5 Parcels	1,584		

19. Ivy Station (BOF)

This parcel of BOF land contains approximately 390 acres of “uplands” and additional acres of “tidelands” along the Columbia River. This parcel is isolated from other State Forest lands in the Davis Basin and is a medium priority for exchange. It is bordered on the east by Agency Creek Management Co. lands, on the south by Shawn Teevin’s family residential property and Tynkala’s forest and holly farming acreage. Other rural residential properties border this parcel on the south and west sides. FLMC zoning on this parcel includes 40 acres of Focused-Visual alongside the Columbia River. DFC for all lands on this parcel is General. Current forest cover is in older conifer reproduction which is within a decade of merchantability (about 45% of acreage) and by younger merchantable stands ready for commercial thinning harvest (about 55% of the acreage). This parcel is entirely accessed by forest roads, but these roads have not been used for heavy traffic in about 30 years and are in need of major improvements to surfacing and drainage structures. There are two bald eagle nests along the Columbia River fringe on the extreme north edge of this parcel. The conservation value of this parcel will be considered when developing exchange proposals.

20. Meahan Road (BOF)

This parcel of BOF land is actually two distinct tracts totaling approximately 15 acres, and is completely surrounded by forestlands owned and managed by Hampton Tree Farms. There is no other State Forest land on this south side of Highway 30 within a mile and all road access is across Hampton Tree Farms property. Therefore, these extremely isolated tracts are considered a high priority for exchange. FLMC zone for this parcel is General stewardship and the DFC is also General. Current forest cover is young, small diameter merchantable stands of hemlock.

21. Supply Creek (BOF)

This is another fairly large contiguous block of BOF land (about 228 acres) similar to Parcel 22, and adjacent to it. It borders Hampton Tree Farm lands on the south and portions of its east side and so would be an attractive addition to Hampton’s ownership pattern. Like parcel 22, these lands have been intensively managed by ODF for several decades and are well accessed to nearby county roads and Highway 30. FLMC zoning includes 172 acres as Focused-Visual and 3 acres as Focused-Domestic Water Use for a private water system. Most of the land in this parcel has a DFC of General. There are currently only about 50 acres of merchantable timber, all of which have been commercially thinned within the past decade. Remaining acres range

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from recently clearcut and replanted lands to older well-stocked stands of conifer reproduction which will become merchantable within the next 5-10 years. This parcel is considered a medium priority for exchange and Hampton is the most likely exchange partner for this parcel, although not the only potential one.

22. Fertile Valley (BOF)

This is a large contiguous block of BOF land about 930 acres in size. It is generally surrounded by rural residential and small non-industrial private forestlands. A network of county roads and Highway 30 also surround this large parcel. This parcel has been intensively managed by ODF for at least 50 years and it has a complete network of forest roads. FLMC zoning includes 68 acres of Focused-Visual and 3 acres for a private water system as Focused-Domestic Water Use. Some of the young timber stands in the parcel have a DFC of General. Current forest cover is comprised of older stands of conifer reproduction and younger stands of merchantable Douglas-fir/hemlock stands which were commercially thinned within the past decade. This parcel is a low priority for land exchange but is being included in this plan as a “balancing parcel” for potential exchange agreements with Hampton, Green Crow, or other forest landowners.

23. Valley Creek (BOF)

This parcel of approximately 21 acres of BOF land is entirely isolated from other State Forest lands and is adjacent to the Valley Creek county road along its south side. FLMC zoning is Focused-Visual and the DFC is General. The terrain is gentle to moderate slopes, with no significant streams. Site quality is very good. This parcel was logged in 2004 and has since been replanted to conifer seedlings. About an acre of merchantable sized hemlock remains on the south side of the Valley Creek road in the southwestern corner of this parcel. This acre served as a “green tree retention” block for the harvesting operation. This parcel is considered to be a high priority for land exchange. It likely has a high value for subdivision into rural residential lots facing this county road and its isolation from other State Forest lands makes it more desirable to exchange. DSL may be a possible exchange partner due to the potential for property development.

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Land Exchange Block 3 (See Appendix A-4)

Map ID #	Parcel Name	Approx. Acres	Legal Description	Priority
24	Bradwood	1,000	Portions of Sections 5, 7, 8, 17, 18 & 20, T8N, R6W, W.M.	Low
25	Headwaters	230	Portions of Sections 17, 18 & 20, T8N, R6W, W.M.	Medium
26	Clifton	38	Tax Lot 1201 in SE¼NE¼ Section 6, T8N, R6W, W.M.	Medium
27	Peterson Road 1	1,703	Portions of Section 30 & 31, T9N, R6W; Sections 25, 35 & 36, T9N, R7W; and Sections 5, 6, 7 & 8, T8N, R6W, W.M.	Low
28	Backbreak 1	52	Tax Lot 200 in NW¼NE¼ Section 2, T8N, R7W and Tax Lot 1101 in Portion S½ Section 35, T9N R7W, W.M.	Low
29	Backbreak 2	46	Tax Lots 300 & 700 in Portion Section 2, T8N, 7W	Low
30	Peterson Road 2	66	Tax Lot 200 in Portion E½NW¼ Section 36, T9N, R7W, W.M.	Low
31	Anderson Creek	1,560	Portions of Section 35 & 36, T9N, R7W; Sections 6 & 7, T8N, R6W; and Sections 1, 2 & 12, T8N, R7W, W.M.	Low
32	Clifton R/W	2.1	Tax Lot 1101 in Portions NE¼NE¼ Section 6, T8N, R6W, W.M.	Medium
Totals	9 Parcels	4,697		

24. Bradwood (Matoaka Forests LLC)

This parcel of approximately 1,000 acres north of Highway 30 is adjacent on the west by BOF lands in the Davis Basin. The approximate eastern boundary of this parcel is the Clifton-Bradwood County Road. These lands have been managed as forest industry lands for at least the past 40 years, by Crown Zellerbach, Cavenham Forest Industries, John Hancock (as a TIMO), and recently by Green Crow, for Matoaka Forests (a TIMO). Based on recent and projected ownership patterns, these lands may be owned by another TIMO in the near future. In addition to being high site forestlands adjacent to current State Forest lands, these lands are nearby a potential Liquefied Natural Gas (LNG) terminal facility at Bradwood, along the Columbia River. Northern Star Natural Gas Company has applied for permits to construct this LNG facility within the next few years. If located at Bradwood, this LNG facility could greatly alter the character of the Clifton-Bradwood area, with substantially increased truck traffic, addition of large natural gas lines, and greatly increased tanker traffic on the Columbia River. Presently, about 50% of this parcel contains merchantable stands of 40- to 50-year-old Douglas-fir and hemlock, with the other 50% in well-stocked conifer plantations of various ages.

This parcel is not a high priority for acquisition by ODF, as its road access system has been developed separately from the adjacent State Forest road system, but has been added as a parcel for possible acquisition in the event that it was needed to complete a larger exchange deal with Green Crow for higher priority acquisitions south of Highway 30. The 40 acre parcel (SW¼SE¼ Section 7, T8NR6W) is a higher priority for acquisition, as it fits better into the current State Forest access and harvest system. A more detailed discussion of several possible land exchange scenarios with Green Crow, and this parcel's role in those scenarios follows the parcel by parcel descriptions.

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25. Headwaters(BOF)

This parcel of approximately 230 acres of BOF land is currently bordered on two sides by Matoaka Forest land (managed by Green Crow), and on the south by Highway 30. Most of the access to this parcel is through an easement over Matoaka Forests land, thus this portion of the Davis Basin could be removed without negatively affecting the basin's connectivity. Current forest cover is all immature, non-merchantable conifer plantations. About 50% of the acreage has been harvested during the past 15 years and is in well-stocked conifer plantations, while the other 50% is in 25- to 35-year-old plantations which are approaching merchantable size. The topography is quite dissected with small drainages which make up the headwaters of the North Fork of Gnat Creek. About 1/3 of the parcel, nearby Highway 30, has a FLMC rating of Focused-Visual.

This is another parcel which is being included in this exchange plan as something ODF could part with in exchange for high priority parcels to acquire south of Highway 30, including Gnat Creek Falls (38), Shingle Mill Road (34), Nicolai Mainline (39), West Plympton (40), and East Plympton (41), or portions of those parcels. A more detailed discussion of several possible land exchange scenarios with Green Crow, and this parcel's role in those scenarios follows the parcel by parcel descriptions in this section.

26. Clifton (Boehm)

This parcel of approximately 38 acres is bordered on three sides by State Forest lands in the Davis Basin, and on the north side by other property residential-agricultural owned by Boehm. There are some Type F sections of streams in the northern portion of this parcel. FLMC zoning for the adjacent State Forest lands is about 20% Focused-Visual, with the remainder zoned General stewardship. The DFC is General. Terrain is moderate to steep, with good site quality. Current forest cover is mostly merchantable sized mixed alder-conifer stands, about 45-50 years old, with some grass fields in the north nearby the Type F streams. This parcel is considered a medium priority for acquisition.

27. Peterson Road 1 (BOF)

This parcel of approximately 1,703 acres of BOF land comprises the northeast slope (generally toward the Columbia River) of the Davis Basin. These lands are accessed by the Peterson and Clifton Forest Roads, which connect to the Peterson and Clifton-Bradwood County roads, respectively. This parcel, if exchanged to Matoaka Forests, managed by Green Crow, would fit in well with its current ownership between this parcel and the Clifton-Bradwood Road (Parcel 24, Bradwood). This parcel has been managed continuously by ODF for at least 50 years and is largely comprised of 45- to 55-year-old conifer stands which were thinned in the early 2000's, and a few older conifer plantations, on stands last harvested 15-30 years ago. There is a complete road access system in place. FLMC zoning in this parcel includes: 360 acres in Focused-Visual, 5 acres in three domestic water systems as Focused-Domestic Water Use; and 133 acres of Bald Eagle habitat along the Columbia River as Special-Wildlife Habitat. Portions of this parcel also have DFC of Layered and Older Forest Structure. This parcel is being included in this exchange plan as something ODF could part with in exchange for high priority parcels to acquire south of Highway 30, including, Shingle Mill Road (34), Gnat Creek Falls (38), Nicolai Mainline (39), West Plympton (40), and East Plympton (41), or portions of those parcels. A more detailed discussion of several possible land exchange scenarios with Green Crow, and this parcel's role in those scenarios follows the parcel by parcel descriptions in this section. The conservation value of this parcel will be considered when developing exchange proposals.

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28. Backbreak 1 (Back-Acres Tree Co.)

This parcel of approximately 52 acres (previously known as the Tarabochia parcel) is situated on the outside fringes of ODF's Davis Basin lands, with State Forest lands forming about 1/3 of its borders. This parcel has previously been considered for acquisition, in the G & N land exchange, but was dropped in favor of higher priority parcels. This parcel is adjacent to Parcel 29, also owned by Back-Acres Tree Co., and is also right next to (uphill) Owl Lane county road. FLMC zoning for the adjacent State Forest land is Focused-Visual and the DFC is General. Terrain is gentle to moderate and the site quality is good. Forest cover is conifer and hardwood reproduction of variable stocking, about 20 years old. This parcel is considered a low priority for acquisition because it's situated on the edge of ODF ownership and ODF's developed road access is all from another direction. As with Parcel 29, if Parcel 31 were to be traded out of ODF ownership, then this parcel would not be a viable parcel to acquire.

29. Backbreak 2 (Back-Acres Tree Co.)

This parcel of approximately 46 acres (previously known as the Weller parcel) is situated on the outside fringes of ODF's Davis Basin lands, with State Forest lands forming about 1/2 of its borders. This parcel has previously been considered for acquisition, in the G & N land exchange, but was dropped in favor of higher priority parcels. This parcel is adjacent to Parcel 28, also owned by Back-Acres Tree Co., and is also right next to (uphill) Aldrich Point county road. FLMC zoning for the adjacent State Forest land is Focused-Visual and the DFC is General. Terrain is gentle to moderate and the site quality is good. Forest cover is conifer and hardwood reproduction of variable stocking, about 15-20 years old. This parcel is considered a low priority for acquisition because it's situated on the edge of ODF ownership and ODF's developed road access is all from another direction. If Parcel 31 were to be traded out of ODF ownership, then this parcel would not be a viable parcel to acquire at all.

30. Peterson Road 2 (Nygaard)

This parcel of approximately 66 acres (previously known as the Miller parcel) is bordered on three sides by ODF's Davis Basin lands. The other bordering lands are rural residential (3 residences) along the Peterson County road. This parcel has previously been considered for acquisition, in the G & N land exchange, but was dropped in favor of higher priority parcels. FLMC zoning for 20% of the adjacent State Forest land is Focused-Visual, with the rest being General stewardship. The DFC is General. Terrain is moderate and the site quality is good. Forest cover is conifer and hardwood reproduction of good stocking, about 20-25 years old. This parcel is considered a low priority for acquisition because it's situated on the edge of ODF ownership and the adjacent rural residential properties introduce undesirable complexities in forest management activities. If Parcel 27 were to be traded out of ODF ownership, then this parcel would not be a viable parcel to acquire at all.

31. Anderson Creek (BOF)

This parcel of approximately 1,560 acres of BOF land comprises the remaining northern portion (when added to Parcel 27) of the Davis Basin. These lands are accessed by the Peterson and Anderson Forest Roads, which connect to the Peterson and Anderson County Roads, respectively. This parcel, if added to Parcel 27 and Matoaka Forests' adjacent Bradwood ownership, would make a contiguous forest tract of nearly 4,300 acres with a well coordinated road access system. ODF has managed these lands intensively for at least 50 years, and is largely comprised of older conifer plantations which are nearing merchantable size and 45- to 55-year-old conifer stands which were thinned in the early 2000's. Recent clearcuts make up about 120 acres. The road system in place provides almost complete access to all lands in this parcel. The lands on the western edge of this parcel abut rural residences and small farms.

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ODF has had issues in the past with some of the neighbors regarding standard forest management practices. In response, it has been district policy for the last two decades to avoid any aerial herbicide applications in this area. FLMC zoning in this parcel includes: 233 acres in Focused-Visual, 6 acres in two domestic water systems as Focused-Domestic Water Use; and 9 acres of grass fields on the edge of the Peterson Valley as Special-Agriculture. Portions of this parcel also have DFC of Layered and Older Forest Structure. This parcel is also being included in this exchange plan as something ODF could part with in exchange for high priority parcels to acquire south of Highway 30, including Shingle Mill Road (34), Gnat Creek Falls (38), Nicolai Mainline (39), West Plympton (40), and East Plympton (41), or portions of those parcels. A more detailed discussion of several possible land exchange scenarios with Green Crow, and this parcel's role in those scenarios follows the parcel by parcel descriptions in this section.

32. Clifton R/W (BOF)

This parcel is actually two narrow strips of BOF land within the property owned by Robert Boehm, just north of Parcel 26. The width of these strips is about 70 and 40 feet respectively, and total acreage listed by Clatsop County is 2.08 acres. These strips of land contain merchantable sized timber, some of which appears to have already been logged in the past. It would be desirable for both ODF and Boehm to transfer these strips of land to Boehm. This parcel is considered to be a medium priority for sale or exchange.

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Land Exchange Block 4 (See Appendix A-5)

Map ID #	Parcel Name	Approx. Acres	Legal Description	Priority
33	Rock Creek	120	Portion N½N½ Section 2, T7N, R7W, W.M.	High
34	Shingle Mill Road	1,880	Portions of Sections 20, 29, 30, 31 & 32, T8N, R6W, W.M.	High
35	Lost Lake	123	Tax Lot 400 in Portions E½ Section 2, T7N, R6W, W.M.	High
36	County Line	84	Tax Lots 200 & 300 in E½SE¼ Section 1, T7N, R6W, W.M.	Low
37	Bradley Hill	88	Portion N½ Section 21 and Portion SW¼ Section 16, T8N, R6W, W.M.	Medium
38	Gnat Creek Falls	280	Portions of Section 6, T7N, R6W, W.M.	High
39	Nicolai Mainline	980	Portions of Sections 21, 28, 33 & 34, T8N, R6W, W.M.	High
40	West Plympton	350	Portions of Sections 2 & 3, T7N, R6W, W.M.	High
41	East Plympton	139	Portions of NW¼ Section 2, T7N, R6W, W.M.	Medium
42	West Creek Road	114	Tax Lots 401 & 300 in Portions E½E½ Section 2, T7N, R6W, W.M.	High
43	West Creek 1	5	Portions W½ Section 1, T7N R6W, W.M.	Low
44	West Creek 2	5	Por. Tax Lot 100 in Portion of NE¼SW¼ Section 1, T7N, R6W, W.M.	Medium
45	Westport	90	Tax Lots 100, 101 & 800 in Portions NE¼ Section 1, T7N, R6W, W.M.	Medium
46	Taylorville	1,120	Portions of Sections 27, 34, 35 & 36, T8N, R6W; Portions of NE¼ Section 3 and Portion NW¼NW¼ Section 2, T7N, R6W, W.M.	Medium
47	East Wauna	18	Portion of SE¼SW¼ Section 26, T8N, R6W, W.M.	Low
48	Wauna	219	Portions of Section 27, T8N, R6W, W.M.	Low
49	Oklahoma Hill	70	Tax Lot 3700 in Por. E½NE¼ Section 34 & Tax Lot 500 in SW¼NW¼ Section 35, T8N, R6W, W.M.	Low
50	Wauna Cliffs	40	Portions of SE¼ Section 21, T8N, R6W, W.M.	Medium
Totals	18 Parcels	5,725		

33. Rock Creek (BOF)

This parcel of approximately 120 acres of BOF land is bordered on three sides by Agency Creek lands and fits in very well with Agency Creek’s current road system. Conversely, it is isolated by terrain from the State Forest road system to the east. A Type F tributary stream to Rock Creek generally following the east line of this parcel separates it from the rest of ODF’s Gnat Basin lands. FLMC zoning on this parcel is General stewardship and the DFC is also General. Current forest cover is all in merchantable stands of hemlock/silver fir. This parcel is considered a high priority for exchange.

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34. Shingle Mill Road (PH Timber LLC)

This parcel of approximately 1,880 acres is adjacent on 3 sides by State Forest lands, and a mainline forest road (Shingle Mill Road) runs completely through it from ODF lands on the south to Highway 30 to the north. Topography on this parcel is mostly gentle and site quality is good. There are several Type F streams (two forks of McNary Creek and the West Fork of Hunt Creek) running through the parcel, and numerous forest roads, over 6 miles, are already in place, many of which access State Forest lands beyond this ownership. FLMC zoning for adjacent State Forest lands is Focused-Visual for lands alongside Highway 30, and Special-Transmission Lines for the BPA power line right of way in the northern portion. The rest of the adjacent lands are zoned as General stewardship. DFC for adjacent state lands includes a mix of Older Forest Structure, Layered, and General stand structures. Current forest cover is a mix of recent clearcuts (2006) and well-stocked conifer reproduction of various ages. This parcel is a high priority for acquisition because of its location on the landscape relative to ODF lands, its high site, and its gentle topography.

35. Lost Lake (Sutfin)

This parcel of approximately 123 acres, lies adjacent to the west of Parcel 42. Like it, part of ODF's West Creek mainline road runs through this parcel (about 1/3 mile) and about 50% of its border is adjacent to State Forest lands. If Parcel 42 were acquired, then only ¼ mile of its border would not be against ODF lands, and if Parcel 41 were acquired, then this parcel would be entirely blocked in with ODF lands. In addition to gentle to moderate slopes on the terrain, a small lake of about 5 acres, named Lost Lake, is located on the parcel. This lake has recreational potential for fishing and boating. FLMC zoning for the adjacent State Forest land is Focused-Wildlife stewardship, and the DFC on the south side is Older Forest Structure, and General on the north side. Current forest cover is mixed conifer-alder reproduction, about 15-25 years old, with a couple of acres of merchantable conifer trees on the extremely steep slopes in the southwest corner of the property. This parcel is considered to be a high priority for acquisition, along with Parcel 42, because of its position on the landscape and the ODF mainline road running through it.

36. County Line (Sutfin)

This parcel of approximately 84 acres is bordered on three sides by State Forest lands and the east boundary is along the Clatsop-Columbia County line. Road access to this property is from Columbia County and involves crossing several private landowners. ODF does have current easements for this road, however, as it also accesses a small amount of adjacent State Forest land to the north and south of this parcel. FLMC zoning for adjacent ODF land is Focused-Visual and a small amount of Special-Transmission where the BPA overhead power lines cross (they also cross the northeast corner of this parcel). DFC for ODF lands is General. Terrain is mostly gentle, and current forest cover is mostly well-stocked stands of larger merchantable alder, with scattered conifers. There are also about 10 acres of pasture on this parcel. This parcel is considered to be a low priority for acquisition, because the property lines have all been established and the road access is all from a private road system. If acquired, however, it would still be a beneficial addition to the Plympton Basin.

37. Bradley Hill (Teevin)

This property of approximately 88 acres is bordered by Highway 30 on the north and east, ODF's Nicolai Mainline road on the west, and P & H Timber (Green Crow) lands on the south and southwest. This parcel is a medium priority for acquisition if ODF is successful in acquiring Green Crow's Nicolai Mainline Parcel 39. If Parcel 39 is not acquired, then acquisition of this parcel is still desirable, but not as high a priority. If acquired, at least half of this parcel would be

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zoned as Focused-Visual in the FLMC, because of the adjacent highway and Nicolai Mainline. Current forest cover is older conifer reproduction which will be nearing merchantable size within the coming decade. Terrain is essentially flat, other than the extreme eastern edge, which drops down quickly toward the highway.

38. Gnat Creek Falls (PH Timber LLC)

This parcel of approximately 280 acres is surrounded on 3½ sides by State Forest land and a State Forest mainline road cuts across its northeast corner. Nearly the entire parcel has been recently cutover, leaving only the riparian buffers along Gnat Creek and a 30-acre stand of young conifer/hardwood timber in the northeast portion. In addition to blocking in State Forest land surrounding it, this parcel is a high priority for acquisition because it is mostly gentle topography, relatively high site, and contains the 120 foot high Gnat Creek Falls, probably the highest waterfalls in Clatsop County, and a hiking trail destination in the district's recreation program. This parcel is also completely accessed by forest roads; about 1.8 miles besides the State mainline in the northeast corner. FLMC zoning for adjacent ODF lands includes some Special-Visual nearby Gnat Creek Falls and the rest is General stewardship. DFC for adjacent state lands is Older Forest Structure on the west side and General for other lands surrounding this parcel.

39. Nicolai Mainline (PH Timber LLC)

This parcel of approximately 980 acres is adjacent on three sides by State Forest lands, and ODF's Nicolai Mainline road runs through it for 2 miles. The Nicolai Mainline accesses about 9,000-10,000 acres of State Forest lands and is maintained by ODF timber sale contracts and/or the district Road Crew. FLMC zoning for State Forest lands adjacent to this parcel include areas of Focused-Visual for lands within view of Highway 30, Special-Transmission Lines for the BPA power line right of way, and General stewardship for other lands. DFC for adjacent state lands includes some Older Forest Structure and some Layered stands, but most is "general." Forest cover on this parcel is mostly older well-stocked stands of conifer reproduction which will become merchantable within the next decade. A significant rock cliff runs through this parcel for about two miles, separating the nearly table-like upper portion from the steeper eastern portion of this parcel. In one land exchange scenario, this cliff face could be the dividing line between state and private ownerships.

This parcel is a relatively high priority for acquisition because of its location on the landscape relative to ODF lands, the presence of the Nicolai Mainline running through it, the gentle topography, and its high site quality. A more detailed discussion of several possible land exchange scenarios with Green Crow, and this parcel's role in those scenarios follows the parcel by parcel descriptions in this section.

40. West Plympton (PH Timber LLC)

This parcel of approximately 350 acres is almost completely surrounded by State Forest lands. All of its road access system originates on ODF lands. Over 90% of this parcel is below the cliff face described with the previous parcel, and the topography on this parcel is moderate to precipitous, with Plympton Creek, a Type F stream with a deep canyon, running through the southeast portion of the parcel. FLMC zoning for the state lands surrounding this is mostly in Focused-Wildlife stewardship, with the riparian zones for Plympton Creek in Special-Aquatic & Riparian. DFC for the surrounding ODF lands is Layered, Older Forest Structure and General. Presently, only about 30 acres of merchantable timber on accessible terrain remains on this parcel. About 140 acres is in recent clearcut plantations, and the remainder is in older conifer plantations.

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This parcel is a relatively high priority for acquisition, depending on the land exchange scenario chosen, because of its location on the landscape relative to ODF lands and its road access system which depends on easements across ODF ownership.

41. East Plympton (PH Timber LLC)

This parcel of approximately 139 acres is surrounded on 3½ sides by State Forest lands, and all of its road access system originates on ODF lands. The deep canyon of Plympton Creek, a large Type F stream, runs through the parcel for nearly a half mile. FLMC zoning for state lands surrounding this parcel include an area in Focused-Visual, Focused-Recreation and there's Special-Aquatic & Riparian in the riparian zone alongside Plympton Creek, with the remainder being in General stewardship. DFC for the surrounding ODF lands is about 50% Older Forest Structure, with the remainder in General. There is currently no large merchantable timber on this parcel, other than in the riparian buffer. On the west side of Plympton Creek, the conifer stand is about 35 years old, a well-stocked Douglas-fir plantation, which is approaching merchantable size. The stand on the east side is a younger conifer plantation overtopped with alder.

This is a medium priority parcel for acquisition, depending on the land exchange scenario chosen, but even if the entire parcel isn't chosen, the portion east of Plympton Creek would be desirable to add to the State Forest. A more detailed discussion of several possible land exchange scenarios with Green Crow, and this parcel's role in those scenarios follows the parcel by parcel descriptions.

42. West Creek Road (Gerttula)

This parcel of approximately 114 acres is adjacent to State Forest lands for only slightly more than 1/3 of its border; however, if the Lost Lake Parcel 35 were also acquired, almost ¾ of the border would be adjacent to State Forest land. In addition, ODF's West Creek Road runs through this parcel for nearly a mile, and the district has been improving and maintaining this road for 45 years. Acquiring the land where this road is located would be very beneficial to ODF. FLMC zoning for the adjacent ODF lands is Focused-Wildlife Habitat and Focused-Domestic Water Use because of the Westport community water system downstream from these lands. However, most of this parcel is not within that watershed, so would not be zoned that way. ODF lands to the north of this parcel are zoned as General stewardship. The DFC for the surrounding ODF land is general. Terrain on the parcel is mostly gentle, with some moderate slopes, and there is about a mile of good quality forest road on the property. Current forest cover is mixed conifer-alder reproduction, about 25 years old. This parcel is considered to be a high priority for acquisition because of its position on the landscape and the ODF mainline road running through it.

43. West Creek 1 (Rintala)

These two parcels, totaling about 5 acres, are small triangular shaped parcels between State Forest lands and West Creek. They are on the same side of West Creek, a Type F and Type D stream, as the ODF lands which have a FLMC zoning of Focused-Domestic Water Use. Parcel 44, to be exchanged to Rintala, is a triangular parcel of State Forest land that extends on the opposite side of West Creek and into lands currently owned by Rintala. To acquire these two small parcels would "block in" State Forest land on the southeast side of West Creek and provide additional protection for the riparian area. DFC for ODF lands south of these small parcels is Layered. Over half the area on these parcels would be considered part of the riparian zone. The slopes are moderate and the site quality is very good. Current forest cover on these

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parcels is young conifer reproduction, as they were just logged (from across the creek) about 2002. These parcels are considered to be a low priority for acquisition. They would fit into the Plympton Basin ownership pattern well, but are so small that whether or not they are state owned is fairly insignificant.

44. West Creek 2 (BOF)

This parcel of approximately 5 acres of BOF land fits in well with a proposed acquisition of 5 adjacent acres from Rintala. While this parcel lies on the northwest side of West Creek, across this Type F and Type D stream from other State Forest ownership, the two Rintala parcels of approximately 5 acres (Parcel 43) lie on the southeast side of West Creek, on the same side as the larger State Forest ownership. This parcel thus fits in very well with the rest of Rintala's ownership northwest of West Creek. FLMC zoning on this parcel is Focused-Domestic Water Use for the Westport water diversion downstream on West Creek. This is the same zoning the two parcels to acquire would be once acquired. About half of this parcel is part of the riparian zone, and the adjacent lands have moderate slopes and good site quality. DFC for this parcel is General. Current forest cover is older conifer reproduction mixed with alder, about 20 years old. This parcel is considered to be a medium priority to exchange.

45. Westport (BOF)

This parcel of approximately 90 acres of BOF land is bordered by private lands on all sides except for about ¼ mile of common boundary with other State Forest lands on the southwest side. West Creek, a Type F and Type D stream, forms this common border with the other ODF lands. These surrounding private lands are essentially non-industrial forest ownerships, but a large mobile home park lies downstream of this parcel, with the greater town of Westport further downstream along Highway 30. This highway also forms part of the northwest boundary of this parcel. Much of the northern borders of this parcel consist of a "metes and bounds" property line which is difficult to locate and maintain. In addition, the portions of this parcel across West Creek from the main body of State Forest land are difficult to access, as are most of the lands in the northeast portion, which are accessed by a road originating in Columbia County and crossing several landowners before reaching ODF lands. ODF does have a permanent easement for this road, however. If ODF were to exchange this parcel, then it would not be desirable to acquire Parcel 36 (County Line). If we did acquire Parcel 36, then perhaps ODF would only want to attempt to exchange the west half of this parcel, north and west of West Creek. FLMC zoning on this parcel includes 61 acres of Focused-Visual and 11 acres of Special-Transmission Lines. The riparian zone along West Creek is Special & Focused-Aquatic & Riparian, leaving only a few acres as General stewardship. DFC for this parcel is in General. The terrain on this parcel is moderate to steep slopes with West Creek running alongside or through the parcel. Site quality is very good. The current forest cover includes a 17-acre stand of 45-year-old conifer, 19 acres of mostly non-stocked power line right of way, 30 acres of large, high quality 110-year-old Douglas-fir, 10 acres of large, mixed red cedar, conifer, and hardwoods, about 95 years old, and 13 acres in a well-stocked 30-year-old stand of Douglas-fir reproduction. This parcel is considered to be a medium priority for exchange, mainly because of the physical difficulties in managing it as part of the larger block of State Forest. While it would be desirable to exchange it for a more easily manageable parcel which fits in better with ODF's ownership pattern, it is also a rather large parcel, of very high value, and it's not apparent what party would be the exchange partner for this parcel. Current adjacent landowners are: Keith Suffin (2 parcels), Gerald Robinson, and Ronald Rintala. The conservation value of this parcel will be considered when developing exchange proposals.

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46. Taylorville (BOF)

This parcel of approximately 1,120 acres of BOF land is largely bordered by forest industry lands managed by Green Crow and has been intensively managed by ODF for at least 50 years. There are currently only two stands over 45 years old on this parcel, other than the riparian area alongside the Plympton Creek canyon, and it is inaccessible for harvest due to its precipitous terrain. The two stands of about 45-year-old commercial thinning candidates are about 30 acres and 65-70 acres in size, respectively. Remaining stands are in various stages of conifer reproduction, ranging from about five to 35 years old. There is a well established road system in this parcel, with about 90% of potential future harvest areas effectively roaded. The BPA power line crosses this parcel for about 7,000 feet, accounting for 33 acres of land. The northeastern portion of this parcel hosts a rock pit and several crushed rock stockpiles. There is a rural residential area near the north edge of this parcel, accounting for at least 25 homes. There are potential land use conflicts inherent with this situation, and this parcel is prone to theft of minor forest products and crushed rock, as well as chronic garbage dumping. FLMC zoning on this parcel includes: Special-Transmission Lines stewardship of 33 acres in power line rights-of-way, and 11 acres in a rock pit; and Focused-Visual stewardship of 251 acres, 30 acres of Focused-Recreation, and 7 acres of Focused-Domestic Water Use.

This parcel is not a high priority for exchange, as it is comprised of over 1,000 acres, is well roaded and has a long history of effective forest management by ODF. However, it has been included in this plan as a piece in a larger puzzle, and whether or not it is available for exchange depends upon the exchange scenario chosen. A more detailed discussion of several possible land exchange scenarios with Green Crow, and this parcel's role in those scenarios follows the parcel by parcel descriptions.

47. East Wauna (PH Timber LLC)

This parcel of approximately 18 acres is not adjacent to any State Forest land, although it is close to (1/4 mile) a relatively large block of ODF land. This triangular parcel is bordered on the northeast by Highway 30, and by the section line on the south. It is located between Highway 30 and the Taylorville County Road, in a marshy location, and does not lend itself to effective forest management, serving mainly as a visual buffer along the highway and as wildlife habitat for moisture loving creatures. There are some sizable trees on the parcel, however.

This is a very low priority parcel for acquisition, and the reason it was included in this plan is that it could be the only remaining ownership in the county for P & H Timber (managed by Green Crow), if one of the land exchange scenarios was chosen, and so might need to be included to make the deal acceptable to the other party. If acquired by ODF as part of a larger exchange deal, it could then be divested to another interested party, such as a conservancy organization.

48. Wauna (PH Timber LLC)

This parcel of approximately 219 acres is adjacent on the south side to current State Forest lands. North of this parcel is Highway 30, just across from the Wauna paper mill. Other P & H Timber lands (desirable for acquisition) are adjacent on the west side, and numerous small private ownerships, some of which are residential, are adjacent on the east side. There is a 16-acre "in holding" within this 219-acre parcel which contains a BPA substation. This in holding is owned by the federal government. BPA power lines traverse this parcel from one side to the other. FLMC zoning for adjacent ODF lands includes some Focused-Visual for lands within view of Highway 30, Special-Transmission Lines, and the rest in General stewardship. DFC for adjacent state lands is General. Forest cover on this parcel is mostly older stands of conifer reproduction, not yet merchantable. About 16 acres is non-forested power line right-of-way, and

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another 2 acres is in a rock pit. A State Forest road provides access to about 25 acres in the southeast portion, with other access provided off private roads from Hwy. 30.

This parcel is not a high priority for acquisition by ODF, but has been added as a parcel for possible acquisition in the event that it is needed to complete a larger exchange deal with Green Crow for higher priority acquisitions. A more detailed discussion of several possible land exchange scenarios with Green Crow, and this parcel's role in those scenarios follows the parcel by parcel descriptions.

49. Oklahoma Hill (Gerttula)

This parcel of approximately 70 acres is about 1/3 bordered by State Forest lands in the Plympton Basin and is generally on the northern fringe of this basin. Other bordering lands are mostly private non-industrial forests and a small amount of rural residential along the Oklahoma Hill Road. FLMC zoning for the adjacent State Forest land is mostly General stewardship, except for the BPA overhead power line right-of-way, which also cuts across this parcel, zoned as Special-Transmission Lines. DFC for the adjacent ODF lands is also General. About 10 acres of this Gerttula parcel is taken up by power line right-of-way. The rest of the forest cover is in poorly stocked conifer plantations, with many encroaching hardwoods, and scattered merchantable conifer trees. Terrain is general to moderate, and there are some small streams crossing the parcel. This parcel is considered a low priority for acquisition because of its position on the edge of State Forest ownership and its proximity to residential properties.

50. Wauna Cliffs (BOF)

This parcel of approximately 40 acres of BOF land (actually two parcels nearly connected) is separated from all other ODF lands and is adjacent to current P & H Timber (managed by Green Crow) lands on three sides. It is adjacent to Highway 30 along the northeast side. About 40% of the land on this parcel is inaccessible and not available for forest management due to the steep cliffs above the highway and the visual buffer along the highway. The remainder of the parcel is very rocky ground, on moderate to gentle slopes and supports a mixed stand of conifer and hardwoods about 65-75 years old. The BPA power line crosses this parcel, accounting for about 5 acres. There is a FLMC rating of Focused-Visual on all of this parcel. This is a desirable parcel to exchange, from ODF's perspective, because of difficulty in managing it and its isolation from other State Forest lands. However, if ODF were to acquire Parcel 39 (Nicolai Mainline), then it would be contiguous to a very large tract of State Forest. Therefore, this parcel is being included in this exchange plan as a piece in a larger puzzle, and whether or not it is available for exchange depends upon the exchange scenario chosen.

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Land Exchange Block 5 (See Appendix A-6)

Map ID #	Parcel Name	Approx Acres	Legal Description	Priority
51	Saddle Mountain 1	39	NW¼NE¼ Section 25, T7N, R9W, W.M.	High
52	Saddle Mountain 2	283	Portions S½S½ Section 25 and NW¼ Section 36, T7N, R9W, W.M.	High
53	Saddle Mountain 3	82	S½SE¼ Section 36, T7N, R9W, W.M.	High
54	Green Mountain	864	Portions Sections 6, 7 & 8, T6N, R8W, W.M.	High
55	Elk Mountain	80	N½SW¼ Section 32, T7N, R7W, W.M.	High
56	Barth Falls	31	Tax Lot 900 in Portion N½SE¼ Section 28, T7N R8W, W.M.	Medium
57	Klaskanine	21	Tax Lot 4400 in Portion SW¼SW¼ Section 27, T7N, R8W, W.M.	High
58	Simmons Fields	64	Portions of N½ Section 34, T7N, R8W, W.M.	High
59	Astoria Southern Grade	80	Portions Sections 30-35, T7N, R8W and Portions Sections 2, 3, 11, 12 & 13, T6N, R8W, W.M.	High
Totals	9 Parcels	1,544		

51. Saddle Mountain 1 (BOF)

This parcel of approximately 29 acres of BOF land is bordered by Lewis and Clark Oregon Timber LLC lands on the west and south sides, and by private non-industrial forests and rural residential areas on the east and north sides. The Saddle Mountain county road runs through the center of this parcel. Terrain is gentle and current forest cover is young conifer reproduction about 35 years old, which is approaching merchantable size. FLMC zone is General, and the DFC is General structure. This isolated parcel is considered a high priority for land exchange.

52. Saddle Mountain 2 (BOF)

This parcel of approximately 283 acres of BOF land lies south of Saddle Mountain 1 (Parcel 51) and is surrounded on all sides by Lewis and Clark Oregon Timber LLC ownership. The Saddle Mountain County Road runs through the parcel from north to south, and there are some new surfaced spur roads constructed in conjunction with a timber harvest in 2005. FMLC zone is General and the DFC is General structure. Terrain is gentle to moderate, and the majority of the parcel is currently forested with a recently thinned stand of 60-year-old hemlock. In the northern portion, a 24-acre stand of 80-year-old hemlock and Douglas-fir was heavily thinned, and in the southeastern portion, 29 acres was recently clearcut and replanted with hemlock and red cedar. This fairly isolated parcel is considered a high priority for land exchange.

53. Saddle Mountain 3 (BOF)

This parcel of approximately 82 acres of BOF land lies south of Saddle Mountain 2 and is surrounded on all sides by Lewis and Clark Oregon Timber LLC property. The Saddle Mountain County Road runs through the western quarter of this parcel and the rest is unroaded. FMLC zone is General, and the DFC is General structure. Terrain is gentle to moderate, and the current forest cover is a merchantable stand of 55-year-old hemlock on the west half and a 30-year-old stand of conifer reproduction on the east half. This parcel is considered a high priority for land exchange.

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54. Green Mountain (BOF)

This parcel of approximately 864 acres of BOF land lies southeast of the three Saddle Mountain parcels and is bordered for about 90% of its perimeter by Lewis and Clark Oregon Timber LLC property. There are a couple of private non-industrial forest parcels abutting the southwest portion, along the Saddle Mountain County Road. The summit and southern and western slopes of Green Mountain are on this parcel. The main road to access these lands begins on Lewis and Clark Oregon Timber LLC property and is regulated by a locked gate. There is a Marbled Murrelet Management Area (MMMA) in the northeastern portion of the parcel, and this area has a DFC of Older Forest Structure. The DFC for the remainder of the parcel is General structure. Terrain ranges from gentle to steep, and the current forest cover is a mixture of recent clearcut (about 137 acres in the southwestern portion, older conifer reproduction on the eastern and northwestern portions, and a large stand of densely stocked 70-year-old hemlock, which covers about 50% of this parcel. There is also a 30-acre stand of larger hemlock on the north slope; this hosts the MMMA. This parcel is considered a high priority for exchange, both by the district and by Lewis and Clark Oregon Timber LLC. The conservation value of this parcel will be considered when developing exchange proposals.

55. Elk Mountain (Port Blakely)

This 80-acre parcel is bordered on three sides by State Forest lands and is accessed by over four miles of State Forest roads. It is considered a high priority for acquisition because of its position on the landscape. It would also result in the removal of an existing gate which obstructs access to other State Forest lands beyond this parcel. FLMC zoning for adjacent State Forest lands is General, the DFC is Layered and General for the surrounding stands. Terrain on this parcel is moderate and it is completely roaded, by crossing State Forest lands. Current forest cover is well-stocked conifer reproduction, about 20 years old.

56. Barth Falls (Leahy and Clark)

This parcel of approximately 31 acres is bordered on two sides by State Forest lands in the Klaskanine Basin and on the other sides by the North Fork Klaskanine River, running alongside Highway 202 for about ½ mile. This is part of a larger parcel with the same landowner, but the remainder of the larger parcel is on the south side of the river and is not desirable for acquisition by ODF. FLMC zoning for the adjacent State Forest land is Focused-Visual and the DFC for these lands is General. Terrain on this Leahy parcel is moderate and the site quality is good. Current forest cover is a well-stocked plantation of Douglas-fir about 15 years old, with most of the land between the highway and the river being in a riparian buffer comprising about 5 acres. This parcel is considered a medium priority for acquisition as it fits in well with ODF's ownership pattern, but is not constraining State Forest management in any way by remaining privately owned. Adding this parcel to public ownership would make this stream more accessible for recreational trout fishing, however.

57. Klaskanine (Back-Acres Tree Co.)

This parcel of approximately 21 acres is part of a larger 40-acre parcel. This parcel, like Parcel 56, is bordered on two sides by State Forest lands in the Klaskanine Basin and on the other side by the North Fork Klaskanine River, running alongside Highway 202 for about 2,000 feet. If it were necessary for ODF to acquire the rest of this parcel, on the south side of the river, it would still be desirable to do so, and then that portion could be traded to Lewis and Clark Oregon Timber LLC, whose lands it abuts. FLMC zoning for the adjacent State Forest land is Focused-Visual and the DFC for these lands is General. Terrain on this parcel is gentle to moderate and the site quality is good. Current forest cover is a well-stocked plantation of Douglas-fir and alder about 20 years old, with much of the land between the highway and the

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river being in a riparian buffer comprising about 4 acres. Adding this parcel to public ownership would make this section of stream more accessible for recreational trout fishing. This parcel also fits in very well with ODF's ownership pattern and is considered a high priority for acquisition.

58. Simmons Fields (Slavic Church Emmanuel)

This parcel of approximately 64 acres is primarily a recreational piece of property, with the North Fork Klaskanine River running entirely through it, from east to west, and various open fields alongside the stream. The Slavic Church Emmanuel has established a church camp on this parcel. A potential rock source is located on the western portion of this tract. Highway 202 forms the southern boundary of this parcel for about 2/3 mile, and if this parcel were acquired by ODF along with parcels 56, and 57, then the Klaskanine Basin of Clatsop State Forest would be entirely "blocked in" to the north side of Highway 202. The southern 1/3 of this parcel has been reforested with a well-stocked plantation of Douglas-fir about 20 years old, while the remainder of this parcel could be developed in the future for a campground. State Forest lands adjacent to this parcel have FLMC zoning of Focused-Recreation and Focused-Visual. These zones would apply to this parcel if it were acquired. DFC for adjacent state lands is General structure. Because of its position on the landscape and its rock source potential, this parcel is considered a high priority for acquisition.

59. Astoria Southern Grade (BOF)

This linear parcel of BOF land is a portion of the right-of-way of the old railroad which connected Jewell to Olney, following the South Fork of the Klaskanine River. Most sections of this old grade have been deeded to the adjacent landowners, but about 8 miles of this 60-110 foot wide right-of-way remain in State Forest ownership. The portion which remains runs through Lewis and Clark Oregon Timber LLC timberlands and adds up to approximately 80 acres. Terrain along this grade is variable, from gentle to steep slopes and the distance from the river varies also, from about 50 feet to over 150 feet. FLMC and DFC for these strips of land are General. Current forest cover is generally merchantable timber, mostly alder, with some conifers. This parcel is considered a high priority for exchange. The legal status of ownership is subject to doubt, but both Lewis and Clark Oregon Timber LLC and ODF would like to "clean up" this linear in holding in Lewis and Clark Oregon Timber LLC's ownership.

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Land Exchange Block 6 (See Appendix A-7)

Map ID #	Parcel Name	Approx. Acres	Legal Description	Priority
60	Tidewater Summit	570	E½ Section 18 & Portion N½ Section 19, T6N, R7W, W.M.	Medium
61	Music Road	280	Portions Sections 9, 10, 15 & 16, T6N, R7W, W.M.	Medium
62	Wild Goose 1	9	Portion NW¼NW¼ Section 2 and Portion NE¼NE¼ Section 3, T6N, R7W, W.M.	High
63	Wild Goose 2	14	Portion NW¼NW¼ Section 1 and Portion N½N½ Section 2, T6N, R7W, W.M.	High
64	Wild Goose 3	31	Portion N½N½ Section 1, T6N, R7W, W.M.	High
65	Beneke Creek	869	Portions of Sections 24 & 25, T6N, R7W, W.M.	Low
Totals	6 Parcels	1,773		

60. Tidewater Summit (Lewis and Clark Oregon Timber LLC)

This parcel of approximately 570 acres is adjacent to State Forest lands for about 2/3 of its borders. It lies between ODF's Tidewater and West Tidewater tracts, and the first 1.6 miles of ODF's Tidewater Loop road crossed this parcel, as well as a road which connects the northern portion of the West Tidewater tract to Highway 202. About ½ mile of the western border is along Highway 202. If acquired, Lewis and Clark Oregon Timber LLC would still need to use the main road on this parcel, as it continues on as the Tidewater Summit road, accessing another 1700 acres of Lewis and Clark Oregon Timber LLC forestlands. FLMC zoning for adjacent ODF lands is Focused-Visual alongside Highway 202. DFC for most of the adjacent State Forest lands is for Layered and Older Forest Structure stands. The terrain on this parcel is gentle to moderate, and there is an estimated 4 miles of usable quality forest roads on the parcel. Current forest cover is mostly older conifer reproduction, 25-30 years old, with average to good stocking. About 30 acres is presently in merchantable conifer timber. This parcel is considered to be a medium priority for acquisition.

61. Music Road (BOF)

This parcel of BOF land is approximately 280 acres and is bordered to the west by Lewis and Clark Oregon Timber LLC lands and to the east by State Forest lands, with the eastern border of the parcel being major branches of the West Fork of Beneke Creek. This parcel was selected as a "balancing parcel" for an exchange proposal with Lewis and Clark Oregon Timber LLC because it is currently accessed by Lewis and Clark Oregon Timber LLC roads which cross their ownership for about four miles before reaching Highway 202. FLMC zoning is Focused-Wildlife Habitat and Special- Wildlife Habitat for marbled murrelet management, and the DFC is Older Forest Structure and Layered. Terrain is gentle to moderate, with numerous small streams and the drainage flowing generally southeast. Current forest cover is: about 90 acres of 15- to 20-year-old conifer reproduction; with the remaining acreage in 70-year-old well-stocked stands of mixed hemlock/Douglas-fir sawtimber, with some small pockets of alder. This parcel is considered to be a medium priority for exchange, depending on whether or not it fits in with an exchange proposal containing the high priority parcels. The conservation value of this parcel will be considered when developing exchange proposals.

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62. Wild Goose 1 (BOF)

This parcel of approximately 9 acres of BOF land is also similar in description to Parcels 64 and 63, except that it has not been harvested recently and still supports a merchantable stand of mixed conifer/hardwood timber about 55 years of age. FLMC zone is Focused and Special-Aquatic & Riparian stewardship and DFC for this parcel is General. This is a high priority for exchange in conjunction with the other parcels listed in the description for Parcel 64.

63. Wild Goose 2 (BOF)

This parcel of approximately 14 acres of BOF land is very similar in description to Parcel 64, and should be considered as a high priority exchange in conjunction with Parcel 64 and the other parcels listed in the description for that parcel. FLMC zone is Focused and Special-Aquatic & Riparian stewardship and the DFC is General. Current forest cover is largely 65-year-old alder, with the majority being within the riparian buffer along the stream.

64. Wild Goose 3 (BOF)

This parcel of approximately 31 acres of BOF land is bordered on the north side by Hampton lands. A Type F tributary stream to Walker Creek separates it from the rest of ODF's Beneke Basin to the south. The access system is over Hampton forest roads to the north, and this parcel was harvested using that road system. FLMC zone is "General" stewardship and Focused and Special-Aquatic & Riparian. The DFC is General. Current forest cover is well-stocked conifer reproduction about 20 years old, along with the larger trees remaining in the riparian buffer.

65. Beneke Creek (Agency Creek Management Co.)

This parcel is approximately 869 acres and is currently part of a 2,700-acre contiguous block of forestland owned and managed by Agency Creek Management Co. in the Beneke and Walker Creek drainages, tributaries to the Nehalem River near Jewell. While it is bordered on three sides by State Forest lands, this is not a high priority parcel for acquisition by ODF, but is included in the eventuality that this tract may become available sometime in the coming decade. If the entire parcel was not found feasible to acquire, there are smaller portions of this parcel, around the edges, immediately adjacent to State Forest lands, which would be logical for inclusion in the surrounding State Forest management basins. These portions are near the eastern and western edges of Section 25 and the western part of Section 24. Type F streams Beneke Creek and Walker Creek run through the property, draining southward. FLMC zoning for all surrounding State Forest lands is General. DFC for this adjacent state land is entirely Layered and General. Most of the current forest cover on this parcel is in various ages of reproduction, with about 80 acres in a very recent clearcut which has been replanted within the last seven years. Other reproduction ranges from 15 to 25 years old. There are currently about 140 acres in merchantable timber, aged 65-75 years.

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Land Exchange Block 7 (See Appendix A-8)

Map ID #	Parcel Name	Approx Acres	Legal Description	Priority
66	Upper Mulak Creek	240	Portions of Section 29, T6N, R6W, W.M.	Medium
67	Walker Creek	1,639	Portions of Sections 7, 18 & 19, T6N, R6W, W.M.	Low
68	Upper Walker Creek	64	Tax Lot 300 in Portion S½SW¼ Section 6, T6N, R6W, W.M.	Medium
69	Foster 1	66	Portion of NE¼ Section 7, T6N, R6W, W.M.	High
70	Foster 2	40	Tax Lot 1301 in NE¼NW¼ Section 17, T6N, R6W, W.M.	High
71	Foster 3	40	Tax Lot 1300 in NW¼NW¼ Section 17, T6N, R6W, W.M.	High
72	Beneke Ridge	180	Portions Section 19 and Portion NW¼ Section 30, T6N, R6W, W.M.	Low
73	East Walker Creek	40	SE¼NE¼ Section 18, T6N, R6W, W.M.	High
74	Northrup Creek	920	Tax Lot 1600 in Section 20 and Tax Lot 1101 in Portions W½ Section 21, T6N, R6W, W.M.	Low
75	Mulak Creek 1	80	Tax Lot 2600 in SE¼SE¼ Section 29 and Tax Lot 2900 in NE¼NE¼ Section 32, T6N, R6W, W.M.	Medium
76	Mulak Creek 2 & 3	200	Portions N½N½ Section 33 & Portions SE¼ Section 28, T6N, R6W, W.M.	Medium
77	Mulak Creek	400	W ½ Section 28 & E ½ NE ¼ Section 29, T6N R6W, W.M.	Low
78	West Branch Mulak Creek	72	Portion S ½ N ½ Section 33, T6N R6W, W.M.	Low
79	Nehalem	146	Portions S½S½ Section 22, and Portions N½N½ Section 27, T6N, R6W, W.M.	Low
80	Louisignot	40	Tax Lot 1000 in NW¼SE¼ Section 14, T6N, R6W, W.M.	Medium
81	Vesper	93	Tax Lot 100 in Portions SW¼ Section 13, T6N, R6W, W.M.	Medium
82	Fishhawk Creek	61	Tax Lot 201 in SE¼SW¼ and Portions SW¼SE¼ Section 12, T6N, R6W, W.M.	Medium
83	Fishhawk Lake	11	Portions of the NE¼&SE¼NW¼ & NE¼SW¼, Section 1, T6N, R6W, W.M.	High
Totals	18 Parcels	4,332		

66. Upper Mulak Creek (Hawaii ERS Timberland LLC, managed by Hancock Forest Mgt.)

This parcel of approximately 240 acres is bordered on 1½ sides by State Forest lands. The private non-industrial forestlands completing the border are also parcels desirable for possible acquisition by ODF. This parcel has been clearcut harvested and currently is covered by a homogeneous stand of well-stocked older conifer reproduction which will become merchantable sized within 5-10 years. All road access for this parcel is across State Forest lands. The upper reaches of Mulak Creek run through the northern portion of this parcel, west to east, for about a half mile. FMLC zone for adjacent ODF lands is General. The DFC for adjacent lands includes General and Older Forest Structure. This parcel would only be favorable for acquisition if ODF

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were to retain its Mulak Creek Parcel 77. If ODF were to acquire this parcel, it would also be desirable to acquire Parcel 75, to the south. This is a medium priority parcel for acquisition.

67. Walker Creek (Agency Creek Management Co.)

This parcel of approximately 1,639 acres is part of the same 2,700-acre contiguous block discussed with Parcel 65 above, and is not considered a high priority for acquisition for the same reasons. Other than its common border with Parcel 65, this parcel is bordered on all sides by State Forest lands. Walker Creek, a Type F stream, runs through this parcel, north to south, for its entire length. FLMC zoning for about 1/3 of surrounding State Forest lands is General. DFC for the surrounding state lands is a combination of Older Forest Structure, and General stand structures. Current forest cover is mostly older conifer reproduction, much of which will become merchantable within the coming decade. There are about 140 acres of merchantable timber, other than riparian reserves, on this parcel, aged 65-75 years. Hampton's Walker Creek Mainline provides major road access into this parcel, hooking up with ODF's Foster Mainline near the northeast corner of the parcel.

68. Upper Walker Creek (Meriwether and NW Oregon Land & Timber)

This parcel of approximately 64 acres is bordered on the north and west by State Forest lands, and on the south by Parcel 67 of this acquisition plan. The headwaters of Walker Creek forms the eastern boundary of this parcel. At one time, the Walker Creek spotted owl pair made their home on this parcel (thus its separate ownership from Hampton owned lands), but that has not been the case for many years. FLMC for the adjacent State Forest lands is General stewardship and the DFC for this adjacent land is also General. The terrain on this parcel is mostly moderate, east facing slopes and the site quality is good. Current forest cover is a natural stand of large sawtimber hemlock and Douglas-fir, about 70 years old. This parcel is considered to be a medium priority stand for acquisition. If the adjacent Parcel 67 is acquired, then this parcel would be a high priority.

69. Foster 1 (Agency Creek Management Co.)

This parcel of approximately 66 acres is adjacent to State Forest lands for slightly over half its border, with the remaining border being along the Foster Mainline road and Parcel 67. This parcel also fits in well with existing State Forest land to the east and north of this parcel. For these reasons, this is a high priority for acquisition. FLMC zoning for the adjacent State Forest land is General stewardship and the DFC for these adjacent lands is General stand structure. Current forest cover is older conifer reproduction, which will become merchantable within the coming decade.

70. Foster 2 (Johnston)

This 40-acre parcel is the second of two adjoining parcels surrounded by State Forest lands and alongside ODF's Foster Mainline road. The Foster Mainline does not directly affect this parcel, but is nearby. FLMC zoning for adjacent State Forest lands is General stewardship and the DFC for surrounding lands is also General. The terrain has moderate slopes, and the site quality is good. Current forest cover is a mixture of conifer and alder reproduction, estimated to be 15-25 years old. This parcel is considered to be a high priority for acquisition because of its isolated location within the State Forest.

71. Foster 3 (Jones)

This 40-acre parcel is the first of two adjoining parcels surrounded by State Forest lands and alongside ODF's Foster Mainline. The Foster Mainline runs completely through this parcel,

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north to south. FLMC zoning for adjacent State Forest lands is General stewardship and the DFC for surrounding lands is mostly General, with a small amount of Layered to the north. This parcel straddles the dividing ridge between the Northrup Creek and Walker Creek drainages and slopes on either side are moderate. The site quality is good, and the current forest cover is a mixture of conifer and alder reproduction, estimated to be 20-25 years old. This parcel is considered to be a high priority for acquisition because of its isolated location within the State Forest and because of Foster Mainline running through it.

72. Beneke Ridge (BOF)

This parcel of approximately 180 acres of BOF land is bordered on the north by Hampton Tree Farms' Walker Creek tract of about 2,700 acres. The south border is the Beneke Ridge Forest road, and there is about ¼ mile of border with another private landowner on the east side. This is considered a low priority parcel for exchange and is being included in this plan as a possible "balancing parcel" for a larger exchange with Hampton, depending upon which parcels are chosen in an exchange proposal. It would not be part of any exchange proposal which included Parcels 65 and 67 to be acquired by ODF. FLMC zoning for this entire parcel is General, and the DFC is General. This parcel is entirely forested with a large diameter Douglas-fir/alder stand about 75 years old, which was commercially thinned twice in the 1970's. Small streams run generally north from this parcel into Walker Creek, on Hampton property. This parcel is well accessed with spur roads, but they have not been used by heavy traffic for several decades and are in need of improvements to surfacing and drainage structures. As a part of the Crawford Basin, this parcel is currently considered part of the spotted owl habitat area in the Jewell area. If proposed for exchange, an adjustment to this habitat acreage may be necessary.

73. East Walker Creek (BOF)

This parcel of approximately 40 acres of BOF land is bordered on three sides by Hampton Tree Farm lands, and the Walker Creek Mainline runs just adjacent to it on the west side. One of the two main forks of Walker Creek runs through this parcel, north to south. FLMC zone is General stewardship and the DFC is General. This parcel is considered a high priority for exchange unless ODF were to acquire Parcel 67, in which case ODF would retain this parcel. Current forest cover is older conifer reproduction, about 25 years old.

74. Northrup Creek (Chambers and Koennecke)

This parcel of approximately 920 acres is bordered by nearly 3 miles of State Forest property lines on the north, south, and west sides. Other private forestlands border this parcel for another 2 miles. If Parcel 66 (Upper Mulak Creek) were acquired from Hawaii ERS Timberland LLC, then acquisition of this parcel would effectively "block in" the Crawford and Northrup basins of the Clatsop State Forest. This parcel also contains the upper portion of the Beneke Ridge road, which has not been used for heavy hauling for over a decade but which does provide access for the merchantable timber remaining on this parcel. The headwaters of both Mulak Creek and a tributary to Northrup Creek are also both on this parcel, with about 8 acres in their associated riparian zones. There is also a 3-acre pond in one small drainage. Over 2 miles of old dirt roads, in very poor condition, provided timber harvest access in the past. FLMC zones for adjacent State Forest lands are General. The DFC for ODF lands are General. The terrain on this large parcel is variable, but is mostly moderate slopes, with drainages heading south and east. The site quality is good. Current forest cover is mostly poorly stocked conifer plantations with much overtopping alders, estimated at 20-25 years old. There are about 50 acres of merchantable conifer stands, in 3 separate "clumps." This parcel is considered to be a low priority for acquisition. While adding it to ODF ownership would "block up" this part of the Clatsop State Forest, most of it does not fit in with the current ODF road network and it's so

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large and with so much value that it's unlikely that ODF would be able to purchase it. Still, the landowners could make an exchange proposal for current State Forest lands of equal value, so it has been included in this exchange plan.

75. Mulak Creek 1 (Hopkins)

This 80-acre parcel is bordered by State Forest lands for 2/3 of its perimeter, and by other private parcels planned for possible acquisition on the other 1/3 of its perimeter. If Parcel 66 and Parcel 76 were both acquired, this Hopkins parcel would be considered a high priority for acquisition. If, however, the State Forest parcel (77) were exchanged, then this would be considered a low priority. Therefore, it is being listed as a medium priority for acquisition. FLMC zoning for the adjacent ODF land is General and the DFC for these lands is Older Forest Structure and General. The terrain on this parcel is moderate and a Type F tributary of Mulak Creek runs through the middle of the parcel, from west to east. There are overgrown spur roads running into the parcel on the north and south, having first come through ODF lands. Current forest cover is conifer reproduction with some overtopping alder, and a narrow riparian zone of hardwoods, accounting for about 2-3 acres.

76. Mulak Creek 2 & 3 (Longview Timberlands LLC)

These two adjacent parcels have been linked together as one because ODF would not be interested in acquiring one without the other. Together they total approximately 200 acres, and are both adjacent to ODF's 400 acre Mulak Creek parcel. There are several other ownerships adjacent to this ODF parcel which are being considered for acquisition, and the ODF Mulak Creek parcel is also being considered for exchange. Therefore, these two Longview Timberlands parcels are considered to be medium priority parcels for acquisition, depending on which exchange scenario is chosen, to increase State Forest ownership in this area, or to divest of State Forest ownership in this area. Mulak Creek 2 is bordered on the north and south by State Forest land and shares a common border of about 1,000 feet with Mulak Creek 3. This parcel, about 115 acres, has forest cover of older conifer reproduction with significant alder interspersed. Mulak Creek 3, about 85 acres, has State Forest land on the west side, the Northrup Creek county road to the east, and other private land to the north and south. It is mostly well-stocked older conifer reproduction, about 35 years old, with a recent clearcut area of about 12 acres, in the northern part. Adjacent State Forest lands are zoned in the FLMC as General. The ODF parcel to the north has a DFC of Older Forest Structure.

77. Mulak Creek (BOF)

This parcel of approximately 400 acres of BOF land is completely surrounded by private ownerships, although it is nearby a large block of State Forest land in the Crawford Basin. There are two land exchange scenarios being proposed in this plan. One is to retain this Mulak Creek parcel and acquire the surrounding private forest ownerships, including, Parcel 66, Parcel 74, Parcel 75, and Parcel 78. The second scenario is to exchange this ODF parcel to one of these adjacent landowners, with the most probable being Longview Timberlands. FLMC zoning for this parcel is General. About 120 acres (40% of the parcel) is covered by a stand of very high quality Douglas-fir, at least 100 years old, which was commercially thinned twice in the 1960's and 1970's. The remainder of the parcel, except for the riparian buffer along Mulak Creek, which runs entirely through the parcel, is covered with older conifer reproduction, which will become merchantable within the next decade. About half of this parcel has a DFC of Older Forest Structure and the other half has a DFC of General. Existing roads access about 2/3 of this parcel, with the access originating at the Northrup Creek county road and crossing Longview Timberlands property before entering State Forest land. Thus, this is an extremely

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high value parcel of forestland. The conservation value of this parcel will be considered when developing exchange proposals.

78. West Branch Mulak Creek (BOF)

This parcel of approximately 72 acres of BOF land is bordered on three sides by private lands, with other State Forest land being adjacent only on the west side. If ODF were to acquire the Longview Timberlands property (Parcel 76) to the north, then this property would be adjacent to the larger Mulak Creek Parcel 77, but otherwise this parcel is fairly isolated. FLMC zoning is General. DFC for this parcel is General. There is existing road access from the north, and Highway 202 crosses the eastern end of this parcel. Two perennial streams run through this parcel from north to south, and the forest cover is entirely (except for stream buffers) in older well-stocked Douglas-fir plantations, which will become merchantable within the next decade.

79. Nehalem (BOF)

This parcel of approximately 146 acres of BOF land is bordered on the south (about 1/3 of its boundary) by Teevin property, by private non-industrial forest property on the west, by other State Forest lands on the east and southeast (about 1/5 of its boundary), by rural residential property on the northeast, and by Highway 202 on the northwest, for about 2,200 feet. The FLMC zoning has 44 acres in the northwest portion, next to the highway, as Focused-Visual. DFC is General for the entire parcel. Terrain is gentle to moderate. Current forest cover is about 15% in older, commercially thinned Douglas-fir timber, about 75 years old, 75% in younger, commercially thinned Douglas-fir timber, about 40 years old, and 10% in a well-stocked Douglas-fir plantation, about 25 years old. This parcel is considered a low priority for exchange, and is being included in this plan as a “balancing parcel” in case the Ivy Station Parcel 19 goes to another exchange partner and more land is needed so ODF can acquire the three Teevin parcels listed for acquisition.

80. Louisignot (Berg)

This 40-acre parcel is bordered on 3 sides by State Forest lands and could be accessed to current ODF roads off the Vesper road system. FLMC zoning for the adjacent State Forest lands is Focused-Visual on the east side and General stewardship on the north and west sides. DFC for these adjacent state lands is Older Forest Structure and General. The terrain is moderate and the site quality is good. A perennial stream runs through the parcel from north to south, entering Louisignot Creek just south of this parcel. Current forest cover is a poorly stocked conifer plantation, with mixed brush and bigleaf maple. This parcel is considered to be a medium priority for acquisition. While it fits in fairly well with our current State Forest ownership, maintaining it in private ownership is not expected to have any negative effects on management of nearby State Forest lands.

81. Vesper (Parker)

This parcel of approximately 93 acres is bordered by State Forest lands on all sides except the southwest side which borders the Vesper County Road (Old Road 77). This tract is either currently accessed for harvest by State Forest roads or could rather easily have a road constructed to access it. FLMC zoning is Focused-Visual on the west side and General stewardship on other adjacent ODF lands. DFC for most nearby State Forest lands is General. A type F stream runs south through this parcel for about ½ mile and involves a riparian zone of about 6-7 acres. The terrain is moderate and the site quality is good. Current forest cover is a well-stocked Douglas-fir plantation about 20 years old. This parcel is considered to be a medium priority for acquisition. It fits rather well into the State Forest ownership pattern, but is not harming forest management plans and activities by remaining in private ownership. Also,

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the landowner is interested in a land exchange, but wants to acquire land in Yamhill County, which would complicate any exchange proposal.

82. Fishhawk Creek (Good)

This parcel of approximately 61 acres is bordered on 3 sides by State Forest lands and the other side by agricultural and private non-industrial forestlands along the edge of the Fishhawk valley. There is currently no road access to this parcel and it appears that road building into this parcel would involve steep grades and extensive excavation and fills over the small creeks. FLMC zoning for adjacent ODF lands is General. The DFC is Layered for ODF land south of this parcel and General for the other adjacent state land. The terrain is moderate slopes, broken by several small creeks which flow east down toward Fishhawk Creek. Site quality is very good and the current forest cover is a natural stand of large sawtimber Douglas-fir, about 75 years old. This parcel is considered to be a medium priority for acquisition. It fits well into the landscape pattern of the adjacent State Forest lands, but looks difficult to access and is of such a high present value that it would be very expensive to acquire. If the timber were first harvested by the current owner, reducing the parcel value, then outright purchase of this parcel might be feasible.

83. Fishhawk Lake (BOF)

This parcel of approximately 11 acres of BOF land is bordered by Fishhawk Lake private landowners and the Fishhawk Lake Recreation Club (FLRC). A portion of the parcel is currently being used as a site for depositing dredge spoils by the FLRC under a Special Use Permit issued by ODF and has been determined by the FLRC as a critical site for dredging operations for the Lake. The other portion of this parcel contains ODF ownership that has been involved in a property line dispute that has remained unresolved for some time. In 1989 a property line survey was conducted that indicated that the original survey for Fishhawk Lake Estates done in 1967 relied on several corners of control that were not correctly located. The corrected 1989 survey resulted in numerous overlaps in ODF ownership. The original survey and problem was brought to ODF in 1969 for resolution, but there is no record of any action being taken. ODF has unsuccessfully attempted to resolve these outstanding issues several times throughout the years, but with no success. Exchanging this parcel is a high priority. By exchanging it to the FLRC, it would provide them with the critical dredge disposal site that they need and allow ODF and Fishhawk Lake Residents to resolve the outstanding property line issues in a more efficient way than ODF would be able to due to policies and procedures for adjusting property boundaries. This proposed exchange would likely be part of a much larger exchange with other parties being potentially involved.

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Land Exchange Block 8 (See Appendix A-9)

Map ID #	Parcel Name	Approx Acres	Legal Description	Priority
84	Elkhawk	40	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10, T5N, R7W, W.M.	Medium
85	Tideport	503	Portions of Section 22 and N $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 23, T5N, R7W, W.M.	High
86	Denver Point 1	50	Portion N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 4, T5N, R7W, W.M.	Low
87	South Walker Creek	108	Tax Lot 1301 in Portions NE $\frac{1}{4}$ Section 19 and Portion NW $\frac{1}{4}$ Section 20, T5N, R6W, W.M.	High
88	Buster Creek	96	Tax Lot 1400 in Portion S $\frac{1}{2}$ Section 21, T5N, R6W, W.M.	High
89	Fishhawk Falls	21	Tax Lots 500 & 600 in Portion NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 32, T6N, R7W, W.M.	Medium
90	Denver Point 2	37	Tax Lot 300 in Portion NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 4, T5N, R7W, W.M.	Low
91	Ebsen Road	3	Tax Lot 600 in Portion NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 5, T5N, R7W, W.M.	Low
92	West Wapiti	80	NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 3 and NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 4, T5N, R7W, W.M.	Low
93	Wapiti	648	W $\frac{1}{2}$ Section 2, Portions of Section 3 and Portions N $\frac{1}{2}$ N $\frac{1}{2}$ Section 11, T5N, R7W, W.M.	Low
94	Cow Creek	157	Portion S $\frac{1}{2}$ SE $\frac{1}{4}$ Section 28 and W $\frac{1}{2}$ SW $\frac{1}{4}$ Section 27, T5N, R7W, W.M.	High
95	Crawford Ridge	24	Portion of SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 1, T5N, R7W, W.M.	Medium
96	Wooden Road	3	Portion of the NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 31, T6N, R7W, W.M.	Low
Totals	13 Parcels	1,770		

84. Elkhawk (BOF)

This parcel of approximately 40 acres of BOF land is entirely isolated from other State Forest property. Teevin owns lands to the east and south (purchased in 2006); Weyerhaeuser owns to the west side, and the north side is bordered by ODFW's Jewell Wildlife Meadows reservation. While Teevin appears to be the most likely exchange partner for this parcel, Weyerhaeuser and ODFW are also possibilities. (ODFW might be agreeable to an exchange of lands in its Beneke Tract, or there could be an outright purchase of this tract with funds provided by Rocky Mountain Elk Foundation for the purpose of preserving this large timber as thermal cover for the elk in the Wildlife Meadows area.) There is no special FLMC zoning on this parcel and DFC is Older Forest Structure. Current forest cover is a very high volume, very valuable stand of 125-year-old Douglas-fir dominated timber. This type of forest cover is relatively unique on this portion of the landscape, as adjacent private lands support much younger forest stands and the Fishhawk valley is largely covered in grass fields. Terrain is moderate, and a harvest access road could most easily be constructed by crossing Weyerhaeuser's road system to the west of this parcel. Because of its isolated position on the landscape, this is a medium priority for exchange. The high timber value may make it necessary to utilize a timber reservation or sell the timber prior to exchanging this parcel. Other possible exchange partners would be Weyerhaeuser, which owns land adjacent on the west side, and ODFW, which owns and manages the Jewell Wildlife Meadows preserve on the north side.

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85. Tideport (BOF)

This isolated parcel of BOF land is approximately 503 acres and is adjacent to Weyerhaeuser lands for about 60% of its border, with the remainder being adjacent to private non-industrial forestlands. All access to this parcel crosses Weyerhaeuser property and uses several miles of Weyerhaeuser roads. Therefore, this parcel is considered to be a high priority for exchange, both by the district and by Weyerhaeuser. FLMC zoning is about 70 acres of Focused-Visual nearby Highway 103, which runs east to west just south of this parcel and General for about 2/3 of the total acreage of the parcel. The DFC of this parcel is in General structure. Terrain is gentle to moderate, the area is about 60% roaded, and current forest cover is: 284 acres (56% of the parcel) in recent clearcut, replanted to Douglas-fir seedlings in 2002; the remainder in merchantable timber stands of 65-120 years old, with the majority being 70-80 years old. Douglas-fir comprises about 60% of this timber, with the remainder being alder.

86. Denver Point 1 (Samuelson)

This parcel of approximately 50 acres shares a common border with State Forest land on the north side and abuts other private non-industrial forestlands (Parcels 90 and 91) on the west and east. Highway 202 forms the south boundary. The west ½ of this parcel is in an undivided ½ ownership interest with Samuelson and Fick. FLMC zoning for west half of the adjacent ODF land is Focused-Visual, and General. Terrain is gentle to moderate and the site quality is very good. Forest cover on the west half is well-stocked conifer reproduction, 25-30 years old. On the east half the cover is a mix of large sawlog sized Douglas-fir and alder, about 80 years old, with a well-stocked 4-acre patch of 20-year-old Douglas-fir reproduction in the southeast corner. This parcel is considered to be a low priority for acquisition because it's unlikely that the present owners would be willing to part with it, because of its location in spotted owl habitat, and because its non-owned status is having no negative effects on management of the adjacent State Forest lands.

87. South Walker Creek (Smith)

This parcel of approximately 108 acres is completely surrounded by State Forest lands. The closest other private land is over a mile away, making this a classic "in holding." ODF's mainline Wage Road runs right through the northeast portion of this parcel, and Walker Creek, a large Type F stream, also runs through the length of it, from northeast to southwest, emptying into Buster Creek near the southern boundary. Thus, about 20 acres of this parcel is in a riparian zone. FLMC zoning for the surrounding ODF lands is Focused-Aquatic and Riparian for Aquatic Anchor Sites, and the DFC for these surrounding lands is Older Forest Structure and General. The terrain on this parcel is gentle to moderate and the site quality is very good. The current forest cover is about 50% in conifer reproduction about 25 years old, with stringers of overtopping alders; and most of the remaining 50% in large merchantable sized alder, with scattered large conifers. There are a few acres of large conifer sawtimber in the northeast portion. This parcel is considered to be a high priority for acquisition because of its isolated position within the Buster Basin and because of the ODF mainline road running through it.

88. Buster Creek (Smith)

This parcel of approximately 96 acres, owned by the same person as Parcel 87, is also completely surrounded by State Forest land, with Parcel 87 being the closest other parcel of private land within the Buster basin. The Buster Creek Mainline runs through this parcel from east to west, a distance of about 3,300 feet. Buster Creek, a large Type F stream, also runs through this parcel from east to west and its riparian zone accounts for about 24 acres, or 25% of the acreage on this parcel. FLMC zoning on the adjacent ODF lands is Focused-Aquatic and Riparian for Aquatic Anchor Sites, and the DFCs are Older Forest Structure and General. The

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terrain on this parcel is gentle to moderate slopes and the site quality is very good. Current forest cover is a mixture of conifer reproduction, some younger merchantable conifer, merchantable sized alder stands, and riparian zones of hardwoods, brush, and grasslands. This parcel is considered to be a high priority for acquisition because of its isolated position within the Buster basin and because of the ODF mainline road running through it.

89. Fishhawk Falls (McFadden)

This triangular parcel of approximately 21 acres is bordered on the north and east by State Forest land, and on the southeast by Highway 202. Presently, this parcel has a private residence on it, in the southern portion. FLMC zoning for the adjacent State Forest land is Focused-Visual, and there is also a domestic water system on the state land which serves the private residence. DFC for the adjacent ODF land is General. Terrain on this parcel is gentle to moderate, and the site quality is very good. Current forest cover is merchantable sized alder with scattered conifers. This parcel is considered to be a medium priority for acquisition, as it may not be available for many years, since there is a residence on it. However, it is good site forestland, fits in well with the landscape pattern for the Hamilton basin, and would eliminate the complications inherent in a domestic surface water system if it became available. Therefore, it has been included in this exchange plan.

90. Denver Point 2 (H & G Jewell LLC)

This parcel of approximately 37 acres is just adjacent on the east side of Parcel 86. It is bordered on the north and east sides by State Forest land and on the south by Highway 202. FLMC zoning for the adjacent State Forest land is Focused-Visual. The terrain is gentle to moderate and there is a dirt road which accesses much of the parcel for harvest. Forest cover on about half of the parcel is large, high quality Douglas-fir and hemlock, with scattered large alders. Most of the other half is in a conifer plantation which has become overtopped and dominated by alders, about 20 years old. There is a 4-acre grass field in the southwest corner, some of which has been planted in Douglas-fir reproduction. Like Parcel 86, this parcel is considered to be a low priority for acquisition because it's unlikely that the present owners would be willing to part with it, because of its location in spotted owl habitat, and because its non-owned status is having no negative effects on management of the adjacent State Forest lands. If ODF were successful in acquiring Parcel 91 (Ebsen Road) and Parcel 93 (Wapiti), then this parcel would have a higher priority.

91. Ebsen Road (Engbretson)

This triangular parcel of approximately 3 acres is bordered on the north side by State Forest land, on the east by a private landowner (Parcel 86), and on the southwest by Highway 202. It lies just across the highway from the Engbretson residence and other forestlands. FLMC zoning for the adjacent State Forest land is Focused-Visual. DFC for the adjacent ODF land is General. Terrain on this parcel is gentle to moderate and the site quality is very good. The forest cover is a mixture of merchantable sized conifer and alder, and some of the timber was harvested about 2003. This parcel is considered to be a low priority for acquisition, because of its small acreage and because its status as a private parcel is having no negative effect on management of adjacent ODF lands.

92. West Wapiti (BOF)

This 80-acre parcel of BOF land borders Weyerhaeuser land to the east (the Wapiti Parcel 93), rural residential and small non-industrial forestland to the south, another non-industrial forest landowner to the west (Denver Point 2, Parcel 90), and State Forest land to the north. Highway 202 runs east to west just south of this parcel and ODFW's Jewell Wildlife Meadows area is just

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across the highway on the south side. This parcel has been included in this exchange plan as a “balancing parcel” depending on how negotiations are planned or progress with several other parcels of interest in this area. If ODF were to acquire Weyerhaeuser’s Wapiti Parcel 93, then we would retain this parcel. Also, if the owners of Parcels 86 and 90 to the west, were agreeable to dealing their lands, then we would retain this parcel. However, if the Weyerhaeuser Wapiti parcel was not acquired, then this parcel would fit in equally well with Weyerhaeuser’s ownership pattern or with ODF’s. FLMC zoning for this parcel includes 37 acres of Focused- Visual. DFC for the entire parcel is Older Forest Structure. Terrain is gentle to moderate; there are no roads within the parcel; and current forest cover is 90-year-old Douglas-fir and hemlock mixed with alder. This parcel is considered to be a low priority for exchange, and would only be used as a “balancing parcel” if needed.

93. Wapiti (Weyerhaeuser)

This parcel of approximately 648 acres is bordered by State Forest lands along its north and west sides, a total of about 1.5 miles. The east side borders ODFW lands in the Beneke Creek Wildlife Area, and the southwest side follows Highway 202 for about 1.3 miles, with the ODFW Jewell Meadows Wildlife Area on the opposite side of the highway. A private residential lot lies near the southern end of this parcel, and this parcel borders that lot on three sides. This is a rather isolated parcel for Weyerhaeuser, as there are not other nearby Weyerhaeuser lands on the north side of the Fishhawk Creek valley. FLMC zoning on the adjacent State Forest lands is “Focused-Visual and General, and the DFC for all the adjacent land is Layered. The terrain on this parcel is moderate, with a mix of ground based and cable systems having been used during recent harvest activities. Over 2½ miles of forest roads are in place on this parcel, as all but about 120 acres of it have been harvested in the past 15-25 years. The majority of the acreage is currently in various ages of conifer reproduction, from 7 to 25 years old. The remaining 120 acres (approx.) is a mixture of merchantable sized alder timber and large diameter Douglas-fir, of medium stocking. This parcel is considered to be a rather low priority for acquisition, but may be a high priority for exchange by Weyerhaeuser; therefore it has been included in this plan. If ODF were to acquire this parcel, then we would not want to exchange Parcel 92 (West Wapiti) to Weyerhaeuser, and vice-versa.

94. Cow Creek (Hawaii ERS Timberland LLC)

This parcel of approximately 157 acres is bordered on the east by State Forest land. Other neighboring lands are rural residential and private non-industrial forestlands. The Cow Creek County Road runs through this parcel for about 1500 feet and the first 2000 feet of ODF’s Klines Creek Mainline Road also runs through this parcel. FLMC zone for adjacent ODF lands is General stewardship and the DFC for these surrounding lands is General structure. Current forest cover is about 60% in conifer reproduction and about 40% in mixed hardwood/conifer timber. Acquisition of this parcel would secure total ownership of the Klines Creek Road for ODF. This parcel is a high priority for acquisition.

95. Crawford Ridge (Rodgers)

This parcel of approximately 24 acres is bordered by State Forest lands on a majority of its perimeter. The Southern boundary is primarily the Nehalem River as well as a small portion of private ownership. The primary access road to this property washed out some time ago. It is not desirable to reconstruct the road due to its close proximity to the Nehalem River. As a result, the most logical access is through State Forest land off of the Crawford Ridge Road system. This parcel is considered a medium priority for acquisition. It fits well into the State Ownership pattern, would fit well into the landscape, and will reduce property line survey needs and expenses.

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96. Wooden Road (ODOT)

This parcel of approximately 3 acres is adjacent to Highway 202 and is bordered by State Forest land. Current forest cover is conifer. This parcel is considered a low priority for acquisition. The parcel would fit well with current State Forest lands and could be included in a future exchange with ODOT if they needed right of way in a different location. This parcel may not be desirable for ODOT to exchange due to future ability to realign Highway 202, but that would need to be determined at a later date.

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Land Exchange Block 9 (See Appendix A-10)

Map ID #	Parcel Name	Approx Acres	Legal Description	Priority
97	Weed Creek	2	Portion NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 4, T4N, R6W, W.M.	Low
98	Osweg Creek	1,660	Portions of Sections 1, 2, 3, 10, 11 & 14, T4N, R7W and Portions of Sections 34 & 35, T5N, R7W, W.M.	Low
99	Quartz Creek	91	Portion S $\frac{1}{2}$ SW $\frac{1}{4}$ Section 3 and Portion NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10, T4N, R7W, W.M.	Medium
100	Sunset Wayside	230	Portions Sections 19, 20, 29 & 30, T4N, R6W, W.M.	Low
101	Rock Creek Mainline	890	Portions of Sections 11, 12, 14, 15 & 22, T4N, R6W, W.M.	Low
102	Weed Creek 2	5	Portions of NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 4, T4N, R6W, W.M.	Low
Totals	6 Parcels	2,878		

97. Weed Creek 1 (Stimson Lumber Co.)

This parcel of approximately 2 acres is being included in this plan only as a component of a larger land exchange plan with Stimson, and particularly as a partial balancing parcel with Parcel 102 from ODF to Stimson. This triangular parcel is a small corner of Stimson land between the property line and a road which crosses Stimson land for only about 400 feet between two nearby State Forest parcels. FLMC for the adjacent ODF land is General stewardship and the DFC is General structure. Current forest cover is conifer reproduction. This parcel is considered a low priority for acquisition.

98. Osweg Creek (BOF)

This parcel of approximately 1,660 acres of BOF land is bordered by Highway 26 for much of its southwest side, by Stimson lands to the east, by State Forest lands to the northeast, and by rural residential and private non-industrial forestlands in the northwest. The northeastern boundary of this parcel is Cow Creek, which forms a deep canyon and separates these lands from ODF's Klines Creek Road system to the north. This entire parcel is accessed by the same road system, the Osweg Creek Road off of Highway 26. With one short connecting section, it can also be easily hooked up to Stimson's Military Creek and Rock Creek Road systems, to the east. Presently, this parcel is about 80% roaded for harvesting activities. There are several "stewardship" uses on this parcel other than forest management. About 13 acres is in Special-Transmission Lines for the overhead power line right-of-way. A domestic watershed has a Focused-Domestic Water Use classification, including 63 acres, and there are 153 acres in a Focused-Visual zone alongside Highway 26. DFC for these lands includes 64 acres in Layered structure and the remainder in General structure. Current forest cover is about 35% in well-stocked stands of conifer reproduction; with about half of these stands being within a decade of reaching merchantable size. The remaining 65% of this parcel is in stands of merchantable timber, mostly hardwoods with scattered conifers, and in riparian buffers. This parcel is considered a low priority for land exchange since it is pretty well blocked in with other State Forest lands and already has a good system of quality roads. However, if a land exchange is planned to acquire the Stimson parcels, ODF will need to have some lands available for exchange and this parcel would fit in well with Stimson's adjacent lands, and the removal of this parcel from the State Forest would not be detrimental to surrounding large blocks of State Forest.

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99. Quartz Creek (Salmon Timberland LLC managed by Hancock Forest Management)

This parcel of approximately 91 acres is bordered about halfway with State Forest lands. Other neighboring lands are private non-industrial forests and rural residential lands. The parcel runs adjacent to Highway 26 for about 800 feet on its northeast side. FLMC for the adjacent ODF land is General stewardship and the DFC for this land is General structure. Current forest cover is a merchantable sized stand of alder, with scattered conifers. Presently, this parcel is unroaded. This isolated Stimson parcel would fit in well with ODF's Quartz Basin ownership pattern and is considered a medium priority for acquisition.

100. Sunset Wayside (Longview Timberlands LLC)

This parcel of approximately 230 acres, is adjacent to State Forest land, in Forest Grove District's McGregor Basin, on two sides. The Rock Creek Mainline forms the border on the north and west sides, separating it from other Longview Timberlands ownership and other forestlands owned by Stimson Lumber Company. While it is located in Clatsop County, the surrounding lands have been managed by the Forest Grove District for the past 35 years and Astoria District personnel are unfamiliar with the landscape and road system. The purpose of acquiring this parcel would be to block in State Forest lands to the Rock Creek Mainline, a natural geographic border. This parcel would also serve as a "balancing parcel" if there was a large inequity in other parcels chosen for a land exchange between Longview Timberlands and the BOF in Clatsop County. Therefore, this parcel is considered a low priority for acquisition, but is included in this plan because it may be needed for consideration. Currently, this parcel is about 60% accessed by forest roads, and forest cover is about 1/3 in merchantable stands of Douglas-fir timber, about 1/3 in older stands of conifer reproduction, and about 1/3 in recently harvested areas, now replanted to conifer reproduction.

101. Rock Creek Mainline (Stimson Lumber Co.)

This parcel of approximately 890 acres is bordered on the south by State Forest lands in the McGregor Basin and on the north by the Rock Creek Mainline which serves Longview Timberlands and Stimson lands in this area. Another acquisition parcel on this exchange plan (Parcel 100, Sunset Wayside, from Longview Timberlands) lies about a mile southwest of this parcel and ODF would probably only want to acquire this parcel if Parcel 100 was also acquired. Rock Creek, a Type F stream, parallels the Rock Creek Mainline and flows through much of this parcel. Acquisition of this parcel, along with Parcel 100, should make this stream more available to recreational fishing, as this road is currently gated and posted, not permitting public use. Current forest cover is about 25% in merchantable timber and about half of this is older Douglas-fir stands which have been commercially thinned, with the other half in a barely merchantable older plantation which is ready for commercial thinning. The other 75% of the cover is in varying ages of conifer reproduction and in riparian buffers. This parcel is considered a low priority for acquisition by Astoria District. While it is located in Clatsop County, the surrounding lands have been managed by the Forest Grove District for the past 35 years and Astoria District personnel are unfamiliar with the surrounding landscape and road system. This parcel has been included in this plan because it would have a positive effect on the State Forest landscape and also as a "balancing parcel" for an exchange with Stimson should Parcel 98 (Osweg Creek) be included as an exchange to Stimson.

102. Weed Creek 2 (BOF)

This parcel of approximately 5 acres of BOF land is bordered on the south by Stimson lands and a forest road separates it from other State Forest lands on the other sides. A Type F stream runs through the middle of this parcel, draining south toward Weed Creek. FLMC zone for this parcel is Focused-Aquatic and Riparian stewardship and the DFC is General structure.

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About 1.5 - 2 acres of this parcel is in young conifer reproduction; about 1.5 – 2 acres is in an older Douglas-fir stand which has been commercially thinned, and about 2 acres is in a stream buffer of large conifers. This parcel is a low priority to exchange, and would only be included if a larger land exchange is planned with Stimson. This parcel would fit in with acquisition of Parcel 97 from Stimson.

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Land Exchange Block 10 (See Appendix A-11)

Map ID #	Parcel Name	Approx Acres	Legal Description	Priority
103	Morrison Eddy	60	Portion W½NW¼ Section 2, T3N, R8W, W.M.	Medium
104	Beaver Ridge	80	Tax Lot 3600 in W½NE¼ Section 13, T4N, R8W, W.M.	High
105	Cougar Mountain 1	65	Portion NW ¼ Section 11, T4N R8W, W.M.	Medium
106	Cougar Mountain 2	40	NW¼SE¼ Section 11, T4N, R8W, W.M.	High
107	Punchbowl	320	W ½ Section 10, T4N R8W, W.M.	Medium
108	Lower Punchbowl	720	Portions of Sections 15, 16 & 21, T4N, R8W, W.M.	Medium
109	Fall Creek	454	Tax Lot 2200 in Portions Sections 6, 7, 17 & 18, T4N R8W, W.M.	Medium
110	Hill Road	40	Tax Lot 100 in NW¼SE¼ Section 6, T4N, R8W, W.M.	Medium
111	Horecny	150	Tax Lot 200 & 204 in Portion SE¼ Section 1, T4N, R9W, W.M.	Medium
112	Hamlet Road	145	Portion of Section 36, T5N, R9W, W.M.	High
113	East Summit	35	NW¼NE¼ Section 3, T4N, R9W, W.M.	Medium
114	Jack Horner	11	Portion NE¼SW¼ Section 15, T4N, R9W, W.M.	High
115	North Fork 1	25	Tax Lots 902 & 903 in Portions SE¼ Section 22, T4N R9W, W.M.	High
116	Cole Mountain Road	90	Portions of Section 22, T4N, R9W, W.M.	High
117	Progeny Ridge 1	40	NE¼SW¼ Section 24, T4N, R9W, W.M.	High
118	Progeny Ridge 2	40	NE¼SE¼ Section 24, T4N, R9W, W.M.	High
119	Progeny Ridge 3	240	S½S½ Section 24 & Portions of N½ Section 25, T4N, R9W, W.M.	Low
120	Sally Creek	14	Por. Tax Lot 2904 in Portion W½SE¼ Section 23, T4N, R9W, W.M.	High
121	Lower Nehalem 1	9.5	Portions of Gov. Lots 5-8 of Section 26 and Portions of Gov. Lots 3 & 4 of Section 27, T4N, R8W, W.M.	High
122	North Fork 2	0.9	Tax Lot 1200 in Portions of Section 22 & 27, T4N, R9W, W.M.	Low
*123	Spruce Run	86	Portions of W½SE¼ & SE¼SW¼ of Section 24, T4N, R8W, W.M.	Low
*124	Lower Nehalem 2	8	Portion of Gov. Lots 2 & 3 of Section 35, T4N, R8W, W.M.	Low
*125	Lower Nehalem 3	23	Portions of Gov. Lots 4 & 7 of Section 34, and Portions of Gov. Lots 7 & 8 of Section 35, T4N, R8W, W.M.	Low
*126	Lower Nehalem 4	86	Portions of Gov. Lot 12 of Section 26, T4N, R8W, W.M.	Low
Totals	24 Parcels	2,782		

103. Morrison Eddy (Stimson Lumber Co.)

This parcel of approximately 60 acres is bordered on all sides by State Forest lands in the Sweethome Basin. It lies on a very steep slope above the Nehalem River and is impossible to access with roads without crossing about 8-9 miles of State Forest roads. About 12 acres of the

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northern portion of this parcel was helicopter logged several years ago and has presumably been replanted with conifers. The remaining cover is predominantly medium sized alder timber, with scattered larger conifers. The southern portion of the parcel has a dendritic drainage pattern of steep streams which descend into the Nehalem River. FLMC zone for the surrounding ODF land is Focused-Visual. The DFC is General on the surrounding state lands. This parcel is considered a medium priority for acquisition not so much for what it can add to the state forest as for its value in eliminating a private in holding and the accompanying potential for disruption of State Forest management plans. This BOF parcel is located in Tillamook County, so its acquisition will involve more steps than a similar parcel in Clatsop County.

104. Beaver Ridge (Back-Acres Tree Co.)

This 80-acre parcel is bordered on 3 sides by State Forest lands and the only road access to it crosses state lands for about 4 miles. Downhill of this parcel, on the east side, is other private non-industrial forestland, with rural residential lands beyond that, along the Nehalem River. FLMC zoning for adjacent ODF lands is mostly General stewardship, with a small amount of Focused-Visual near the southeast corner of this parcel. If acquired, the southeast corner of this parcel would likely also be zoned Focused-Visual. DFC for surrounding ODF lands is General. The terrain on this parcel is moderate to steep, and the site quality is good. Current forest cover is a medium to well-stocked stand of conifer reproduction, about 20-25 years old. This parcel is considered to be a high priority for acquisition because of its position on the landscape and how it fits in with the State Forest road system.

105. Cougar Mountain 1 (BOF)

This parcel of approximately 65 acres of BOF land is bordered on three sides by Longview Timberlands ownership, and by the mainline Cougar Mountain Road for most of the south side. A distinct ridge line forms the remainder of the southern border of this proposed exchange parcel. Longview Timberlands could construct a road along this ridge line to provide access to their property to the east, replacing the circuitous existing road in Parcel 106, to be acquired by ODF. By exchanging this steep parcel, the Cougar Mountain Road would then be the property line between the two ownerships, and Longview Timberlands could manage this parcel more easily along with their other north facing lands off this prominent ridge road system. This parcel was clearcut in about 2000 and is now stocked with a young conifer plantation. This parcel is not within the Aquatic Anchor Site that affects lands to the south, and is zoned General stewardship in the FLMC. The DFC is General structure.

106. Cougar Mountain (Longview Timberlands LLC)

This parcel of 40 acres in size is bordered on three sides by State Forest lands and thus fits in well with the rest of ODF's Sweethome Basin landscape. While one of Longview Timberland's access roads currently runs through this parcel, a road could be more effectively located through Parcel 105, to be exchanged to Longview Timberlands, thus bypassing this parcel and leaving it for State Forest use only, along with a couple of existing State Forest spur roads which originate on this parcel, connecting them to the shared Cougar Mountain mainline road. State Forest land adjacent on the west to this parcel is zoned in the FLMC as Focused-Aquatic and Riparian for Aquatic Anchor Site. DFC for the adjacent ODF land is General structure. Current forest cover is entirely in a young stand of well-stocked conifer reproduction. This parcel is a moderately high priority for acquisition.

107. Punchbowl (BOF)

This parcel of 320 acres of BOF land is bordered on 3½ sides by Longview Timberlands ownership and is accessed by roads which cross about two miles of Longview Timberlands

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ownership, although permanent road easements are in place for this access. Therefore, although this parcel does not present serious problems for continued ODF management, it obviously fits much better into the larger Longview Timberlands ownership pattern. For those reasons, it is considered a medium priority for exchange. The FLMC zoning for this parcel is Focused-Aquatic and Riparian for Aquatic Anchor Site. DFC for this parcel is General structure. The northern portion of this parcel is intensively managed older conifer reproduction; most of these stands have been precommercially thinned and pruned. There is a Marbled Murrelet Management Area (MMMA) located in the southern portion of this parcel. (This is in an area classified by FLMC as Special Stewardship for Wildlife Habitat.) The eastern border of this exchange parcel roughly follows the deep canyon of upper Punchbowl Creek, with the portions left to ODF ownership west of this canyon considered unavailable for management due to riparian reserve practices. The district and Longview Timberlands may choose to make the eastern boundary of this parcel along Punchbowl Creek, rather than the centerline of the section. If so, the parcel size would increase to approximately 342 acres. The conservation value of this parcel will be considered when developing exchange proposals.

108. Lower Punchbowl (Longview Timberlands LLC)

This parcel of approximately 720 acres is bordered on three sides by State Forest lands. Most of the present access is also across several miles of State Forest roads. While easements for these roads exist, and while this parcel is also adjacent to another Longview Timberlands tract to the north, acquisition by ODF of this parcel would serve to block up the State Forest ownership pattern and road use situation. Because of topography and the road access conditions, Punchbowl Creek was chosen as the north boundary of this potential parcel for acquisition. This parcel is high site quality forestland, on gentle to moderate terrain. The current forest cover is a mix of older conifer reproduction and younger merchantable conifer stands, mostly 40- to 50-year-old Douglas-fir. There is one recent clearcut area, about 30 acres in size. Surrounding State Forest lands in the Sweethome Basin are zoned in the FLMC as Focused-Aquatic and Riparian for an Aquatic Anchor Site.

109. Fall Creek (Hill)

This parcel of approximately 454 acres is bordered by State Forest lands on all sides and ODF's Fall Creek mainline road runs the length of this property from north to south. Fall Creek, a major Type F tributary of the North Fork Nehalem River, also runs the length of this property, roughly paralleling the Fall Creek Road. This entire parcel is forestland except for about 10 acres in the northern portion which hosts a residence and some pasture land. This parcel is nearly completely accessed for harvest by roads, many of which have been constructed, improved and maintained by ODF, as the mainline Fall Creek Road also connects to several spur roads accessing ODF lands. About 3 ¾ miles of ODF maintained roads cross this ownership, some of which is technically county road. FLMC zoning for the adjacent State Forest lands is Focused-Aquatic and Riparian for Aquatic Anchor Site, and the DFC is General. Terrain on the lands of this parcel ranges from gentle to steep and the site quality is very good. Current forest cover ranges from recent clearcuts to mature high quality stands of Douglas-fir sawtimber and stands of various ages and sizes of conifer reproduction. The Hill family has harvested timber and replanted these lands for the past 45 years and many of the stands of reproduction are well-stocked, and there are scattered conifer "seed trees" in many of the plantations. Most of the riparian area adjacent to Fall Creek is dominated by alders. This parcel is considered to be a medium priority for acquisition. It would be considered a high priority because of its position on the landscape, the miles of State Forest roads located on it, and the high site quality, but would be difficult to acquire because the family isn't likely to agree,

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because there is a residence on it, and because the state would most likely have to purchase it for a very high price since there's no logical parcel available for exchange.

110. Hill Road (Dames)

This parcel of approximately 40 acres is adjacent to State Forest lands on three sides (the land to the south is CSFL, while the north and west sides are BOF lands). The Hamlet County Road crosses this parcel in the north portion, and the nearest road access would be toward the Hill County Road. The portion of this parcel north of the Hamlet County Road is within the riparian zone of the headwaters of the North Fork Nehalem River, leaving about 35 acres of this parcel available for forest management activities. FLMC zoning for adjacent ODF lands is Focused-Visual on the north and northwest sides, near the Hamlet County road, and Focused-Aquatic and Riparian for Aquatic Anchor Site on all surrounding lands. DFC on the north side is Older Forest Structure and General on the other sides. Terrain on this parcel is moderate to steep, with three small streams on steep gradients draining toward the North Fork Nehalem River beyond the county road. Current forest cover is a mixture of large conifer and large alder timber, estimated at 70-80 years old. This parcel is considered to be a medium priority for acquisition because of its position on the landscape. However, failure to own this parcel would have little negative impact on ODF's management of surrounding lands.

111. Horecny (Kolbeck)

This parcel of approximately 150 acres is almost completely surrounded by State Forest lands, with only two small rural residential properties being the exception. The Hamlet County Road also forms the northeast boundary, for about 600 feet. The headwaters of the North Fork Nehalem River, a Type F stream, runs through this parcel for about ½ mile and there are two other small Type F streams on the property. The parcel is about ¾ roaded for harvest, but the roads are mainly of poor quality. FLMC zoning for ODF lands to the north and east is Focused-Visual, and all adjacent ODF lands are zoned Focused-Aquatic and Riparian for an Aquatic Anchor Site. DFC for adjacent State Forest lands is General. Terrain on this parcel is gentle to moderate and the site quality is very good. Current forest cover is about ½ in poorly stocked areas of conifer reproduction and brush, as much of this property has been "high grade" logged over the past 30 years with minimal reforestation effort. Another ¼ of this parcel is in sufficiently stocked stands of reproduction about 10-20 years old, and the rest is in good quality merchantable conifer timber about 70-85 years old. About 5 acres are in pasture. This parcel is considered to be a medium priority for acquisition. Although it fits in very well with the landscape pattern of the North Fork Basin, its road access system is entirely separate from ODF's and it's unlikely that the owner would be interested in selling. Still, it could be a beneficial parcel for state ownership and is being included in this plan for that reason.

112. Hamlet Road (Lewis and Clark Oregon Timber LLC)

This parcel of approximately 145 acres is bordered on the west and south by State Forest lands and by the Hamlet County Road on the northeast. Acquisition of this parcel would "block in" ODF ownership along the south side of the Hamlet County Road, and also give ODF control of the road which accesses our Hamlet rock stockpile site and forestlands beyond that site. Acquisition would also provide better road access for ODF lands to the south and west of this parcel. Much of the surrounding State Forest land is zoned by the FLMC as Focused-Aquatic and Riparian for an Aquatic Anchor Site, and a stand adjacent to this parcel on the west side has a DFC of Layered. This parcel straddles the divide between the Necanicum and North Fork Nehalem River drainages. The upper reaches of Little Joe Creek run northward through the western portion, and a short section of the upper reaches of the North Fork Nehalem River run through the southeast tip of this parcel. The terrain on this parcel is gentle to moderate and

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there are some old roads present, although these will have to be completely rebuilt prior to any harvest activities. Current forest cover is about 30- to 35-year-old mixed conifer/alder reproduction, which will be merchantable sized within the coming decade. About 8 acres in the southeast portion was clearcut and replanted about 2001. This parcel is considered a high priority for acquisition. If it remains privately owned there is no detrimental impact on surrounding State Forest lands, but its position on the landscape and its road access to ODF's rock stockpile make it a desirable addition to the North Fork Nehalem Basin lands.

113. East Summit (Lewis and Clark Oregon Timber LLC)

This parcel of approximately 35 acres is bordered on two sides by State Forest lands and on the other two sides by Longview Timberlands ownership. Highway 53 runs through the center of the parcel. ODF is really only interested in acquiring the 10 acres east of Highway 53, as this would block in State Forest lands on the east side of the highway, when added to adjacent lands south of this parcel which were recently acquired from Longview Timberlands. ODF's East Summit Road runs through this parcel for about 250 feet before entering State Forest land. FLMC zoning for the adjacent ODF lands is Focused-Visual, and that would be the zoning for this parcel once acquired. DFC for surrounding state lands is General. Terrain is gentle to moderate, and current forest cover is in older conifer reproduction, about 25 years old. This parcel is considered to be a medium priority for acquisition.

114. Jack Horner (Teevin Brothers Land and Timber Co.)

This parcel of approximately 11 acres is bordered on three sides by State Forest lands and by Highway 53 on the other (north) side. Jack Horner Creek joins Soapstone Creek near the center of this parcel, with Soapstone Creek running through it from northeast to southwest. Accordingly, about 40% of this parcel is in riparian buffer. The FLMC zone for surrounding State Forest lands is Focused-Visual, and that zone would also apply to this parcel once acquired. The DFC for the adjacent State Forest lands is Older Forest Structure and General. Current forest cover on this parcel, other than the riparian area, is mixed conifer/alder reproduction, about 20 years old. This parcel is a high priority for acquisition mainly because of its position on the landscape, and the opportunity to eliminate another private "in holding" in the State Forest.

115. North Fork 1 (McCracken Woodlands LLC)

This parcel of approximately 25 acres is not adjacent to any State Forest land, but is located alongside the North Fork Nehalem Road, and an ODF mainline, the Cole Mountain Road, runs through it for about 800 feet. If Parcel 116 were acquired from Longview Timberlands, then this parcel would be adjacent to State Forest for over half its border and ODF would be blocked in to Highway 53 along the Cole Mountain road. If acquired, FLMC zoning for this parcel would likely be Focused-Visual, and the DFC would be General. Terrain on this parcel ranges from mostly gentle to steep along the eastern edge. About 90% of the parcel has current forest cover in well-stocked conifer reproduction about 20-25 years old, with the steeper eastern edge having about 5 acres of larger merchantable timber, estimated to be 65-75 years old. This parcel is considered to be a high priority for acquisition, along with Parcel 116, to the north and east, because acquiring them would "block in" ODF in this portion of the North Fork basin and result in total state control of the Cole Mountain Road.

116. Cole Mountain Road (Longview Timberlands LLC)

This parcel of approximately 90 acres is bordered on 2½ sides by State Forest lands, and is bordered on the west side by Highway 53. To the south of this parcel is another parcel, desired for acquisition on this plan, owned by McCracken. The Cole Mountain Road, a State Forest

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mainline, runs right through the middle of this parcel, and Longview Timberlands does not own any other adjacent land east of Highway 53, so this parcel fits nicely into the State Forest's North Fork Nehalem Basin. The parcel is completely accessed by roads and forest cover is entirely in young, well-stocked conifer reproduction. FLMC zone for the adjacent ODF lands is mostly General stewardship and the DFC on these lands is "Older Forest Structure and Layered. This parcel is a high priority for acquisition.

117. Progeny Ridge 1 (Longview Timberlands LLC)

This parcel, the first of three "Progeny Ridge" parcels, is 40 acres in size and is bordered on three sides by State Forest lands. All road access to this parcel is across miles of State Forest roads and this parcel naturally fits into the rest of the North Fork Nehalem Basin landscape. Current forest cover is young, well-stocked conifer reproduction. The adjacent State Forest land is zoned in the FLMC as General and the DFC includes Older Forest Structure and Layered structure. This parcel is a high priority for acquisition.

118. Progeny Ridge 2 (Longview Timberlands LLC)

The second of the three "Progeny Ridge" parcels, is 40 acres in size and is also bordered on three sides by State Forest lands. Since current road access to this parcel is from the south, across private ownership, this parcel does not fit into State Forest ownership quite as well as Parcel 117, but is still considered a high priority for acquisition. The adjacent State Forest land is zoned in the FLMC as General. DFC for adjacent ODF land is Older Forest Structure and General structure. Like Parcel 117, the forest cover is mostly a young, well-stocked stand of conifer reproduction, but about 1/3 of the area is covered with a merchantable sized mixed hardwood/conifer stand.

119. Progeny Ridge 3 (Longview Timberlands LLC)

The third, and largest, of the three "Progeny Ridge" parcels, at approximately 240 acres, lies just south of Parcels 117 and 118. This parcel is not as high a priority for acquisition, but has been included because, if Parcels 117 and 118 were acquired, then Longview Timberlands would not have any other property on the north side of the North Fork Nehalem River, so would naturally desire to dispose of this parcel along with the other two. Also, ODF could use a portion of this parcel, once acquired, as an exchange parcel for a land exchange with McCracken to obtain two desirable parcels he currently owns. The adjacent State Forest land is zoned in the FLMC as General. DFC for the adjacent ODF lands includes Older Forest Structure. Current forest cover is about 45% in conifer reproduction stands of age 20-25 years and the other 55% in merchantable sized stands of mixed conifer and hardwoods, about 50-60 years of age. Some of these merchantable trees are within riparian buffers. This parcel is about 65% roaded, with access on the eastern portion coming from the south over McCracken lands and access to the western part coming from the north over State Forest lands.

120. Sally Creek (McCracken Woodlands LLC)

This parcel of approximately 14 acres lies between Sally Creek, a Type F stream, and the eastern boundary of State Forest ownership in Section 23. All road access to manage this strip of land has to come across State Forest land, so it fits better into ODF's ownership pattern than to McCracken's. About 5 acres of this parcel would be considered a riparian buffer along one side of Sally Creek, leaving only about 9 acres available for forest management. FLMC zoning for the adjacent ODF land is General stewardship, and the DFC for the adjacent land is General. Terrain is moderate to steep and the site quality is very good. Current forest cover is about 2/3 in a well-stocked stand of good quality Douglas-fir sawtimber estimated to be 75 years

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old, and 1/3 in a well-stocked Douglas-fir plantation about 20 years old. This parcel is considered to be a high priority for acquisition because of its position on the landscape.

121. Lower Nehalem 1 (BOF)

The BOF owns a 1/3 undivided interest in these two tax lots, which total 28.5 acres, making ODF's ownership share 9.5 acres. The two adjacent lots lie along the lower Nehalem River, mostly between the river and the Nehalem River Road, about two miles downstream from ODF's Henry Rierson Spruce Run Campground. Several years ago, the 2/3 owner of one of the tax lots, the Angstrom family, contacted the district about "cleaning up" the undivided interest situation. Astoria District personnel did research and put some efforts into making a proposal to the Angstroms, only to have their efforts ignored. Therefore, the situation remains, and some portions have evidently been sold and there is at least one residence on one of them. It is advisable for ODF to make further efforts to resolve this undivided ownership situation with the majority owners of both parcels. They are: Linda Angstrom of Hammond, OR on Tax Lot 200; and Chuck and Betty Gleason (1/2) and Frank and Linda Templeton (1/2) of Beaverton, OR. The FLMC zoning for these parcels is in Focused-Aquatic and Riparian and Focused-Visual. The DFC is General. The terrain is mostly gentle slopes alongside the road and the Nehalem River. Current forest cover is a merchantable sized 65-year-old alder stand, with scattered large conifers. Most of this acreage would be in riparian buffer and may have a higher use in recreational development or private recreational housing than in forestry. Exchanging this parcel, or resolving the undivided interest situation, should be considered a high priority.

122. North Fork 2 (BOF)

This parcel of approximately 0.9 acres is located near the junction of Highway 53 and the North Fork Fish Hatchery Road. This parcel was retained as part of past land exchanges and was used as a stockpile site for aggregate and materials by ODOT in the past. ODOT ceased to use the site for its intended purpose some time ago and their easement expired. A portion of this parcel contains a gravel parking lot. A Clatsop County park is adjacent to this parcel. This parcel is not a high priority for exchange but could be included as part of a larger land exchange in the future.

123. Spruce Run (Longview Timberlands LLC)

This parcel of approximately 86 acres is currently bordered on the north side by BOF lands consisting of Henry Rierson Spruce Run Campground. The Lower Nehalem Road follows the western boundary of this parcel. Acquisition of this parcel would increase State Forest ownership adjacent to the campground and increase recreational opportunities as well as preserve the viewshed from the campground and the river. Additionally, the water system intake for the campground is located on this parcel. Acquiring this parcel would ensure the future use and integrity of the water system. Approximately half of the parcel was harvested leaving the remaining stand of red alder and mixed conifer to persist.

124. Lower Nehalem 2 (BOF)

This parcel of approximately 8 acres is adjacent to the Lower Nehalem Road and east of the Nehalem River. The majority of ODF ownership in this area is to the west of the river. In an effort to clean up boundaries, this parcel has been designated as one to trade away as it makes sense for the landowner to the east of the Nehalem River to manage this parcel.

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125. Lower Nehalem 3 (BOF)

This parcel of approximately 23 acres is adjacent to the Lower Nehalem Road and east of the Nehalem River. The majority of ODF ownership in this area is to the west of the river. In an effort to clean up boundaries, this parcel has been designated as one to trade away as it makes sense for the landowner to the east of the Nehalem River to manage this parcel.

126. Lower Nehalem 4 (BOF)

This parcel of approximately 86 acres is adjacent to the Lower Nehalem Road and east of the Nehalem River. The majority of ODF ownership in this area is to the west of the river. In an effort to clean up boundaries, this parcel has been designated as one to trade away as it makes sense for the landowner to the east of the Nehalem River to manage this parcel.

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Land Exchange Block 11 (See Appendix A-12)

Map ID #	Parcel Name	Approx Acres	Legal Description	Priority
127	Hug Point	286	Portions Sections 7 & 18, T4N, R10W, W.M.	High
128	Onion Peak	213	Portions of E½NE¼ Section 22 & NW¼ Section 23, T4N, R10W, W.M. (CSFL)	High
		160	SW¼ Section 23, T4N, R10W, W.M. (BOF)	
Totals	2 Parcels	659		

127. Hug Point (BOF)

This parcel of approximately 286 acres of BOF land also lies just west of Highway 101. Lewis and Clark Oregon Timber LLC lands border this parcel on the north and east, with Stimson lands on the south and southwest. Most of the west side is adjacent to rural residential and small non-industrial forest holdings. There is one small (0.23 acre) private “in holding” in the northern “lobe” in Section 7 of this parcel. All current and planned road access for this parcel is across several miles of Stimson and Lewis and Clark roads, from the Hug Point and Tolovana Mainline systems. FLMC zoning for this parcel includes 90 acres of Focused-Visual lands near Highway 101 Focused-Wildlife Habitat and Special-Wildlife Habitat for a Marbled Murrelet Management Area (MMMA) in the northern “lobe” of this parcel. DFC for the western 58 acres is Older Forest Structure, with the remainder of the parcel in General structure. Terrain varies from gentle to steep. Current forest cover is all in merchantable conifer timber, predominantly 55- to 70-year-old hemlock, with the stand in the MMMA being older, about 90 years old. This parcel is considered to be a high priority for exchange because of its isolated position on the landscape and its favorable position relative to Lewis and Clark Oregon Timber LLC’s ownership and road pattern. The conservation value of this parcel will be considered when developing exchange proposals.

128. Onion Peak (BOF & CSFL)

This parcel of approximately 373 acres is comprised of two state ownerships; the northern 213 acres is CSF land, while the southern 160 acres is BOF land. Therefore, if exchanged, some of the land acquired in exchange would be designated as CSFL ownership.

A portion of this CSFL parcel is included as a Natural Heritage Site. This may limit trade partners, or put restrictions on ability to trade this parcel. Negotiations of any proposed land exchange or sale of the CSFL portion must be conducted with DSL. Any sale or exchange of the CSFL portion of this parcel will require a review by the Oregon Department of Agriculture and require a mitigation plan.

Because of its isolated location from any other State Forest parcels (five miles from the closest other State Forest parcel desired for retention), this parcel is a very high priority for exchange. However, because of its relatively poor site quality and the precipitous terrain on the western portion, it is not a highly desirable parcel for addition to the lands of any of the potential exchange partners. A conservation group would be a good exchange/purchase partner for this parcel. The western 1/3 of this parcel is very steep mountainous terrain, although there are some small stands of large sawlog sized timber on these mountains. This portion has a FLMC rating of Operationally Limited for 135 acres. Other FLMC zones on this parcel include 60 acres of Special-Plants on the “balds” of the mountain; and 174 acres of Focused-Aquatic and

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Riparian for Aquatic Anchor Site. The remainder of the parcel, on the eastern slopes, is mostly older conifer reproduction or younger merchantable conifer stands suitable for commercial thinning. The DFC for this parcel is General. There are virtually no passable roads on the parcel, although there are old existing grades from the harvests 40-45 years ago. The summit area is not suitable for commercial forest management due to its thin soils and precipitous slopes. The conservation value of this parcel will be considered when developing exchange proposals.

Discussion of Land Exchange Options with Green Crow

ODF has, for at least the last 25 years, been interested in acquiring the lands now managed by Green Crow south of Highway 30 and within Clatsop County. In order of priority, Gnat Creek Falls (38), Shingle Mill Road (34), Nicolai Mainline (39), and West and East Plympton (40 and 41) parcels have been sought from the succession of owners of these parcels over the past years, first Crown Zellerbach, then Cavenham Forest Industries, then Willamette Industries, then John Hancock Life Insurance, and now P & H Timber, managed by Green Crow. The district even had varying degrees of land exchange agreements with some of these owners before the lands changed hands repeatedly. Other parcels listed in this plan for acquisition are not as desirable, including Bradwood (24), Wauna (48), and East Wauna (38). These have been included because they are the other parcels owned/managed by Green Crow within Clatsop County and it seemed reasonable to include them, if they were needed to balance values, or because Green Crow would prefer to divest themselves of all Clatsop County lands if they entered into a land exchange. This potential exchange is further complicated by the fact that there are two separate landowners for whom Green Crow manages these subject properties within Clatsop County. The lands north of Highway 30, which are a low priority for ODF acquisition, are owned by Matoaka Forests, while the lands south of Highway 30, in which ODF is very interested, are owned by P & H Timber. There may be a familial relationship between these two owners, but that is unknown at this point. Also, based on recent history of similar TIMO's, it is very likely these lands will change ownership again within the coming decade. There are many land exchange scenarios available using the 13 parcels listed in this plan, and they almost certainly would not involve a balance of acres, since ODF parcels contain more merchantable timber than the private parcels. However, two options have been identified to illustrate how a land exchange might be approached.

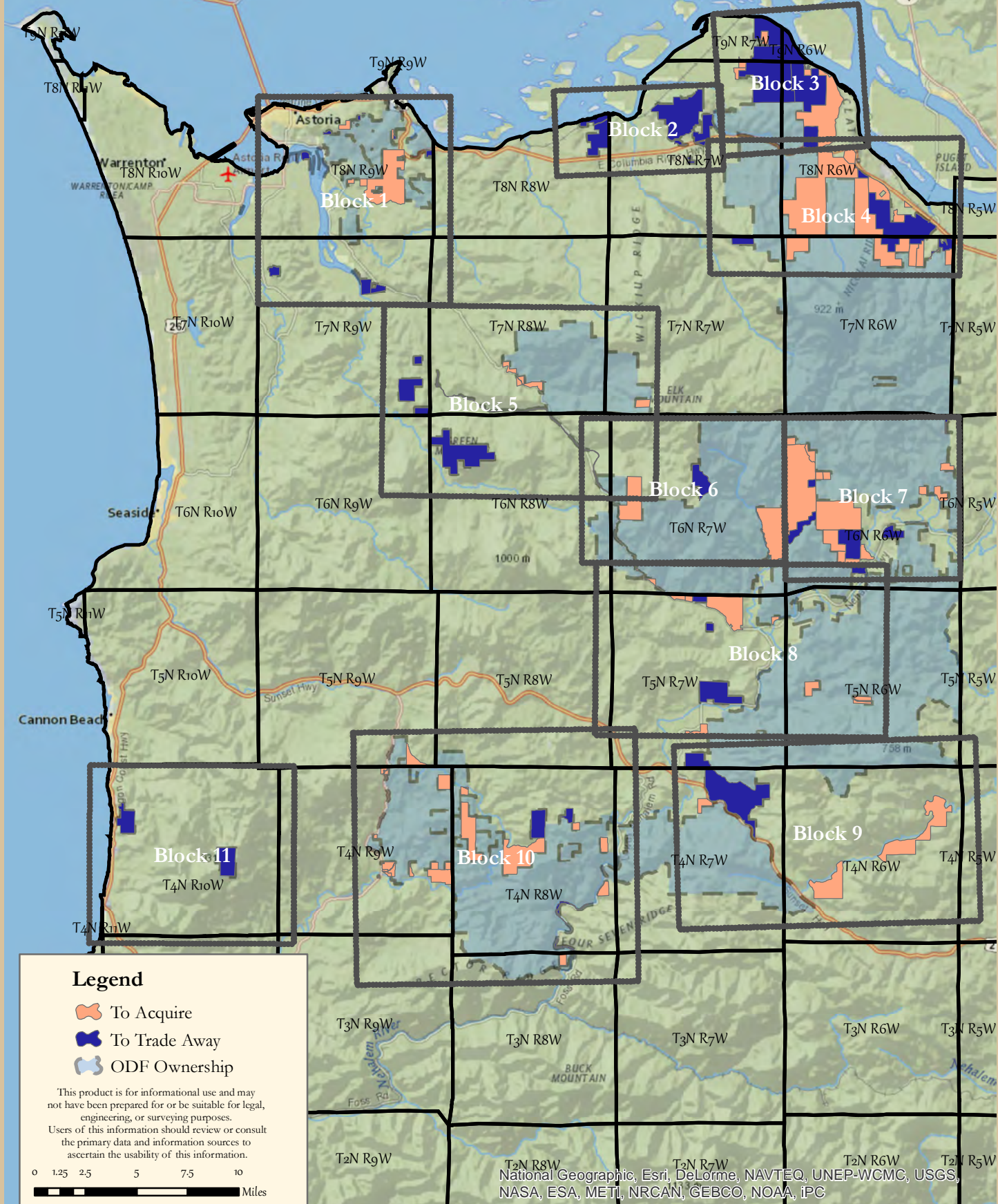
Option 1. Exchange BOF Parcels 27, 31, and 50 (Peterson Road, Anderson Creek, and Headwaters), totaling about 3,493 acres to Green Crow. In exchange for these three parcels, acquire Parcels 34, 38, 39, 40, and 41 (Shingle Mill Road, Gnat Creek Falls, Nicolai Mainline, West Plympton, and East Plympton), totaling about 3,629 acres from Green Crow. This would leave Green Crow with about 4,500 acres in a contiguous block north of Highway 30, but still with two isolated parcels (Wauna and East Wauna) remaining south of Highway 30. To balance values, it may be appropriate to add these two parcels in with those acquired by ODF, in which case ODF would be even better blocked in, and Green Crow would no longer have any isolated parcels. The overall effect on the State Forest ownership pattern from this option would be a very effective blocking in of the north part of the Plympton Basin and the Gnat Basin, and an increase in the size of these basins at something over 3,600 acres, along with a decrease in the size of the Davis Basin, north of Highway 30 at nearly 3,500 acres.

Option 2. Exchange BOF Parcels 25, 27, 46, and 50 (Headwaters, Peterson Road, Taylorville, and Wauna Cliffs), totaling about 2,950 acres to Green Crow. In exchange for these parcels,

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acquire Parcels 34, 38, a 40-acre portion of Parcel 27 (SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 7, T8N, R6W), all of Parcel 39 above the cliff edge, the portion of Parcel 40 in the S $\frac{1}{2}$ of Section 3 and the portion in Section 2, and the portion of Parcel 41 east of Plympton Creek. Total acreage of these parcels would be about 3,160 acres. The overall effect on the State Forest ownership pattern from this option would be an effective blocking in of the northeastern part of the Gnat Basin, the northwestern part of the Plympton Basin, as well as a significant loss of lands in the northeastern portion of the Davis Basin. Green Crow would then have a large tract of land north of Highway 30, consisting of about 2,900 acres, as well as a large tract of land below the Wauna Cliffs, and northwest of Plympton Creek, consisting of about 1,900 acres.

Astoria District Land Exchange and Acquisition Plan Vicinity Map



Legend

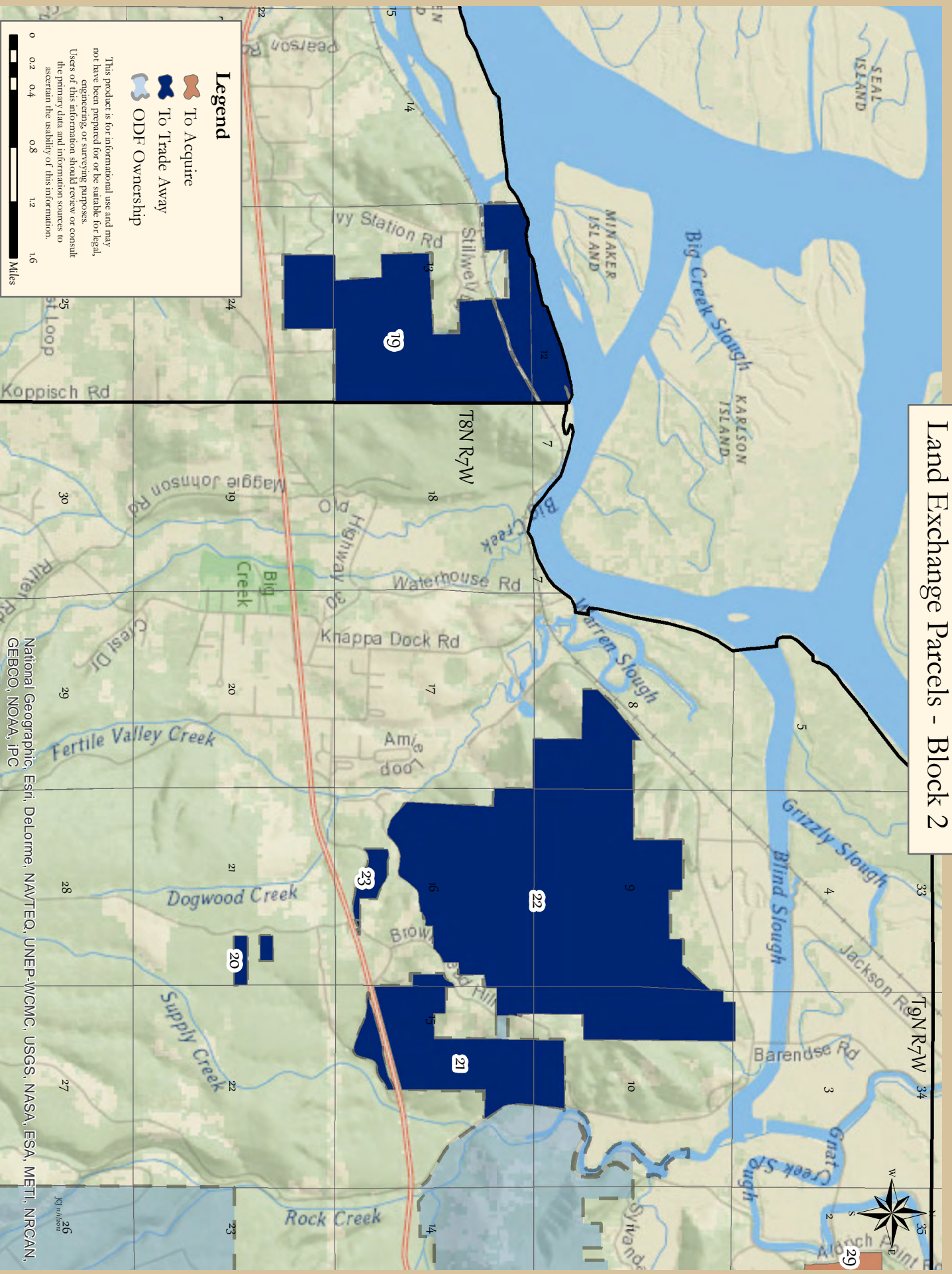
- To Acquire
- To Trade Away
- ODF Ownership

This product is for informational use and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of this information.

0 1.25 2.5 5 7.5 10 Miles

National Geographic, Esri, DeLorme, NAVTEQ, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, IPC

Land Exchange Parcels - Block 2



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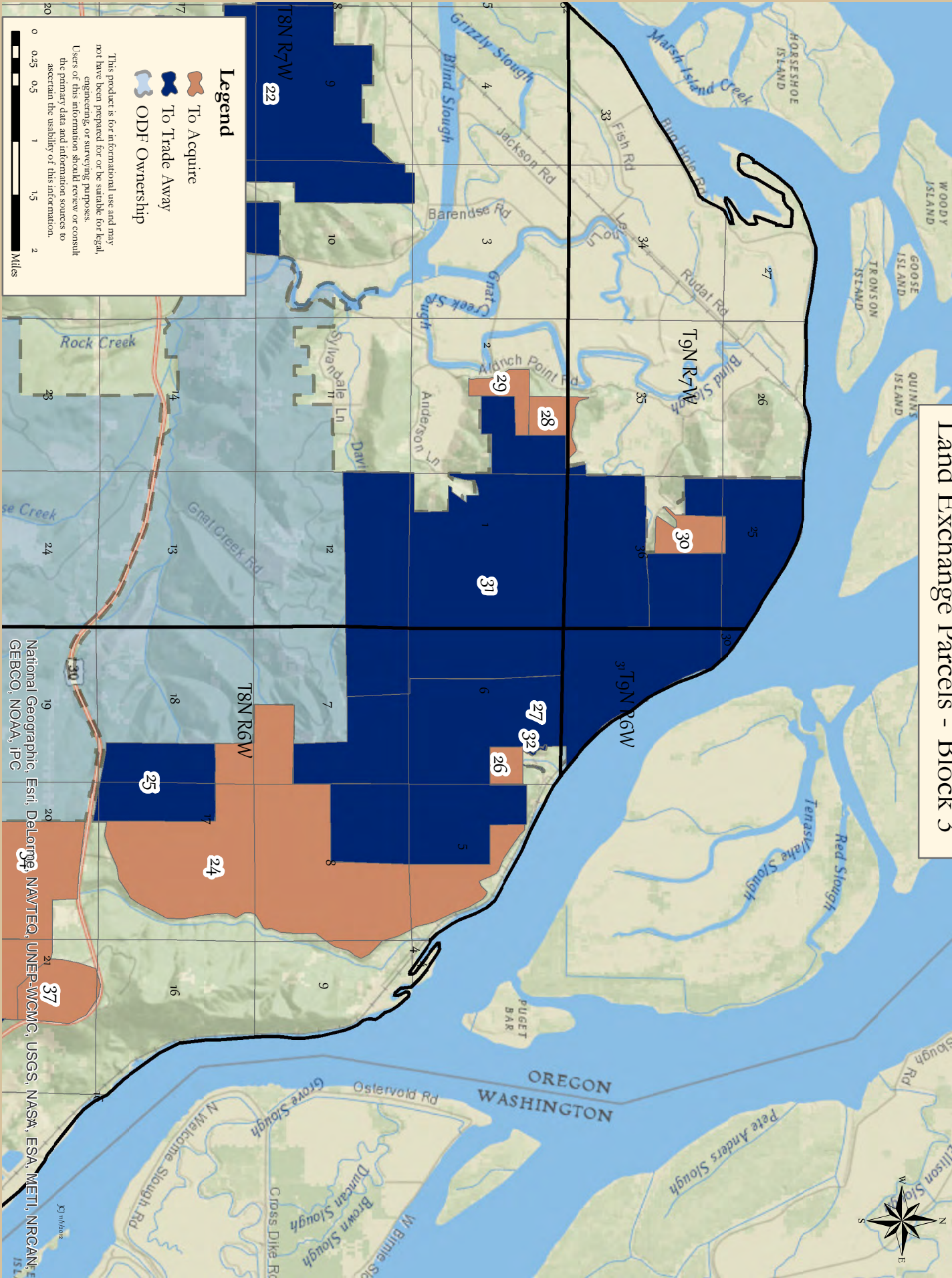
Legend

- To Acquire
- To Trade Away
- ODF Ownership

0 0.2 0.4 0.8 1.2 1.6 Miles

National Geographic, Esri, Delorme, NAVTEQ, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, IPC

Land Exchange Parcels - Block 3



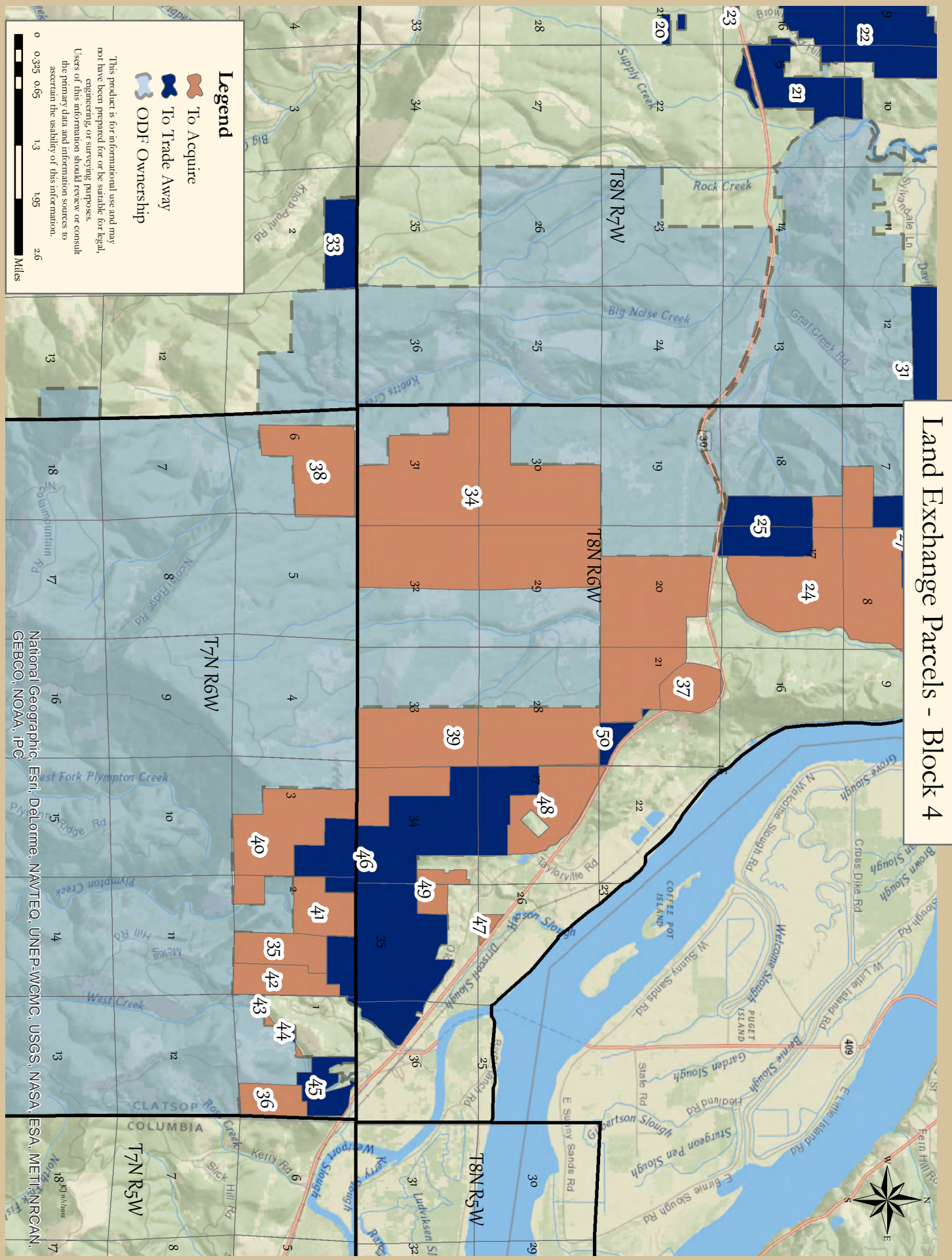
This product is for informational use and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of this information.

Legend

- To Acquire
- To Trade Away
- ODF Ownership

0 0.25 0.5 1 1.5 2 Miles

Land Exchange Parcels - Block 4



Legend

- To Acquire
- To Trade Away
- ODF Ownership

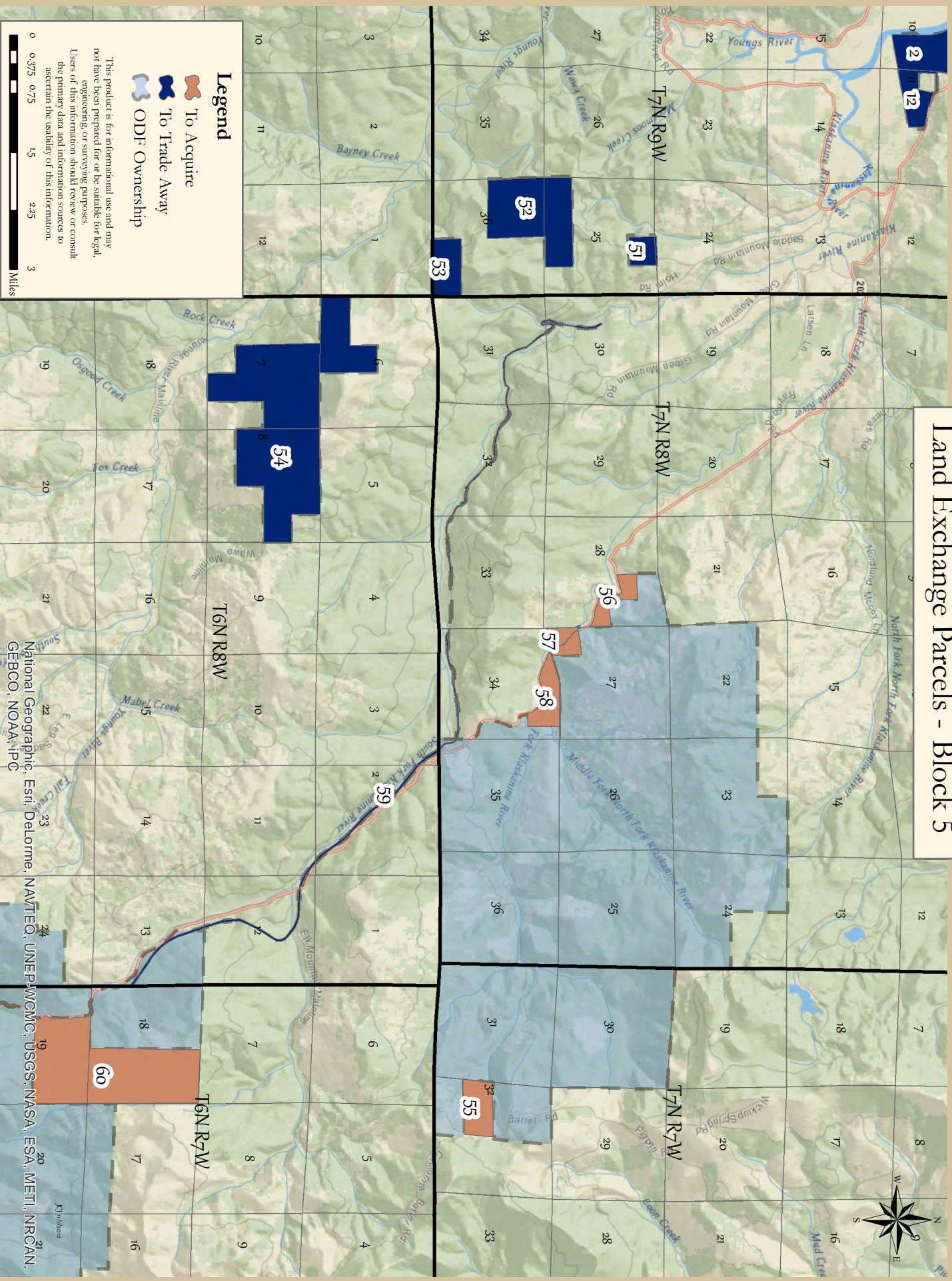
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0 0.325 0.65 1.3 1.95 2.6 Miles

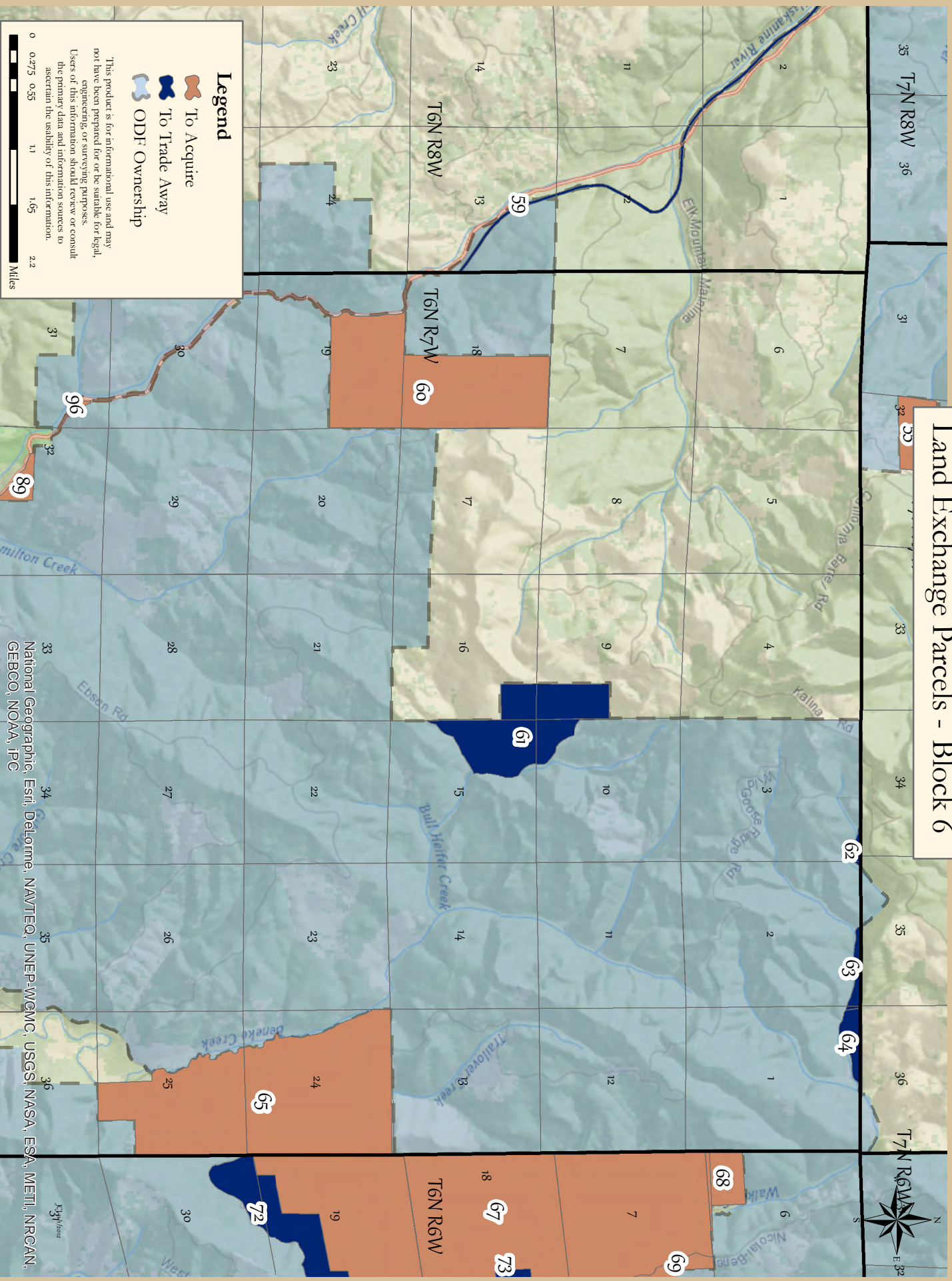
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Land Exchange Parcels - Block 5

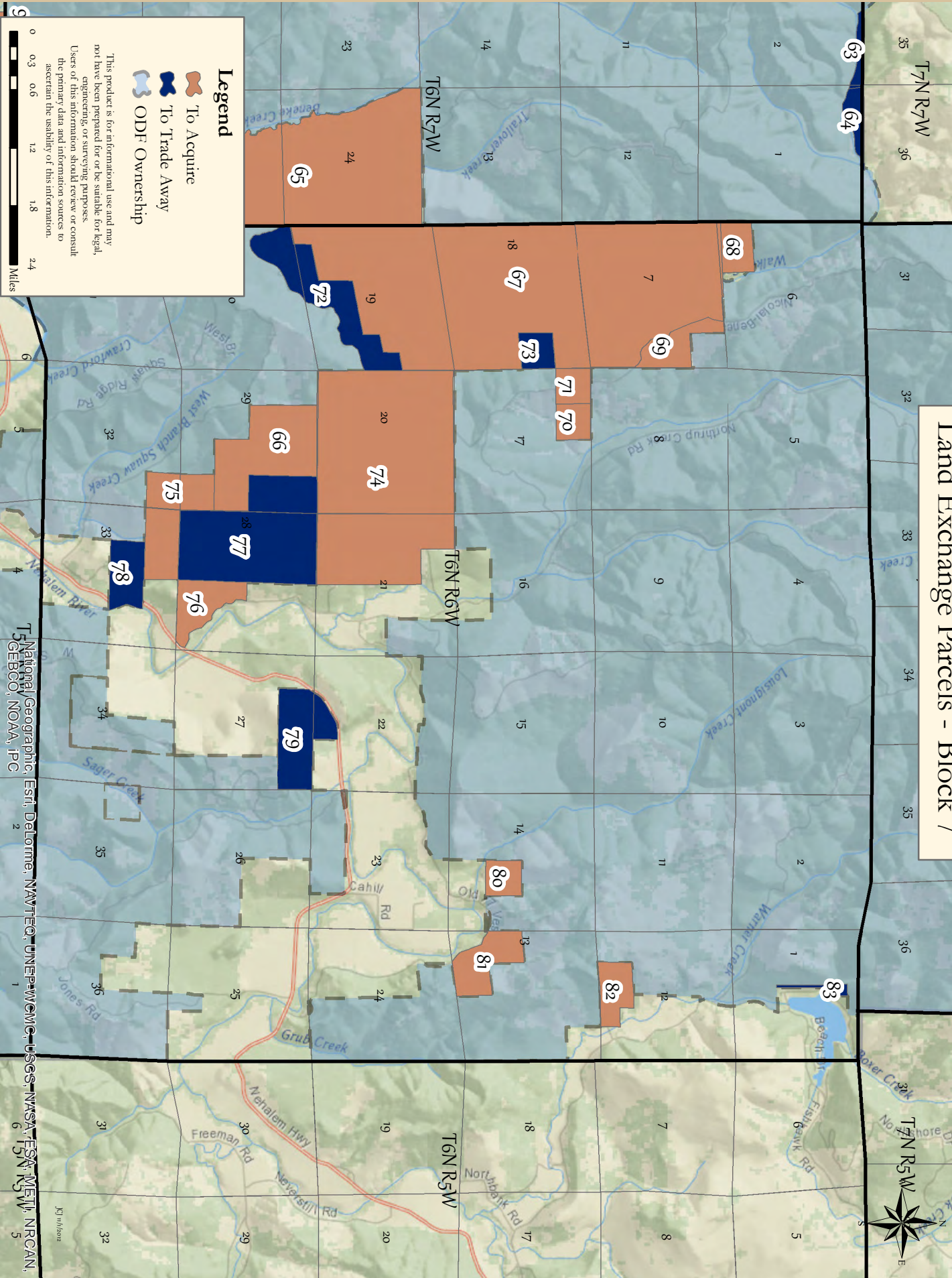


Land Exchange Parcels - Block 6



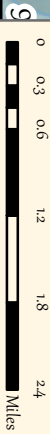
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Land Exchange Parcels - Block 7



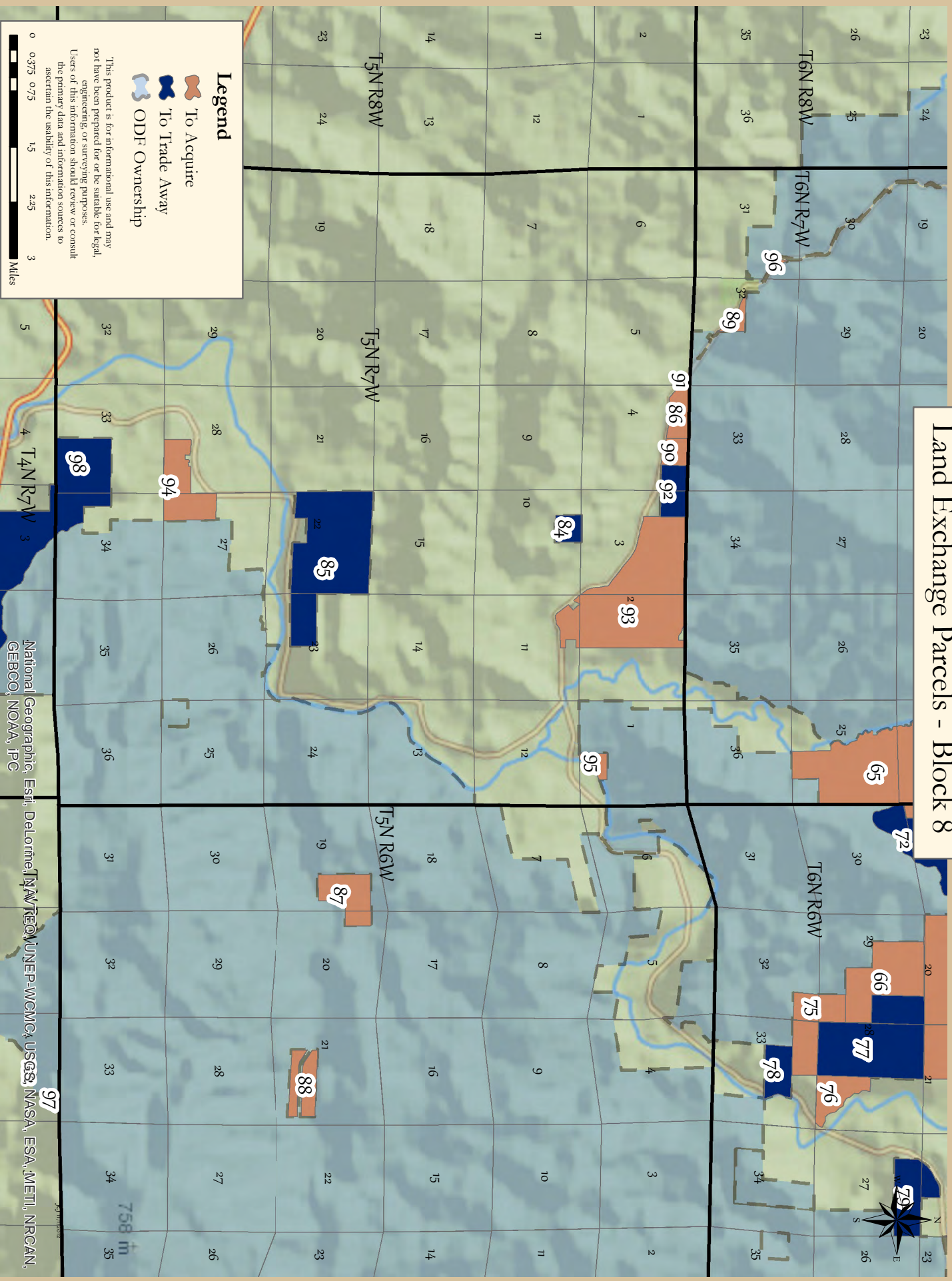
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- Legend**
- To Acquire
 - To Trade Away
 - ODF Ownership



T National Geographic, Esri, DeLorme, NAVTEQ, UNEP/WFP, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, IPC

Land Exchange Parcels - Block 8



Legend

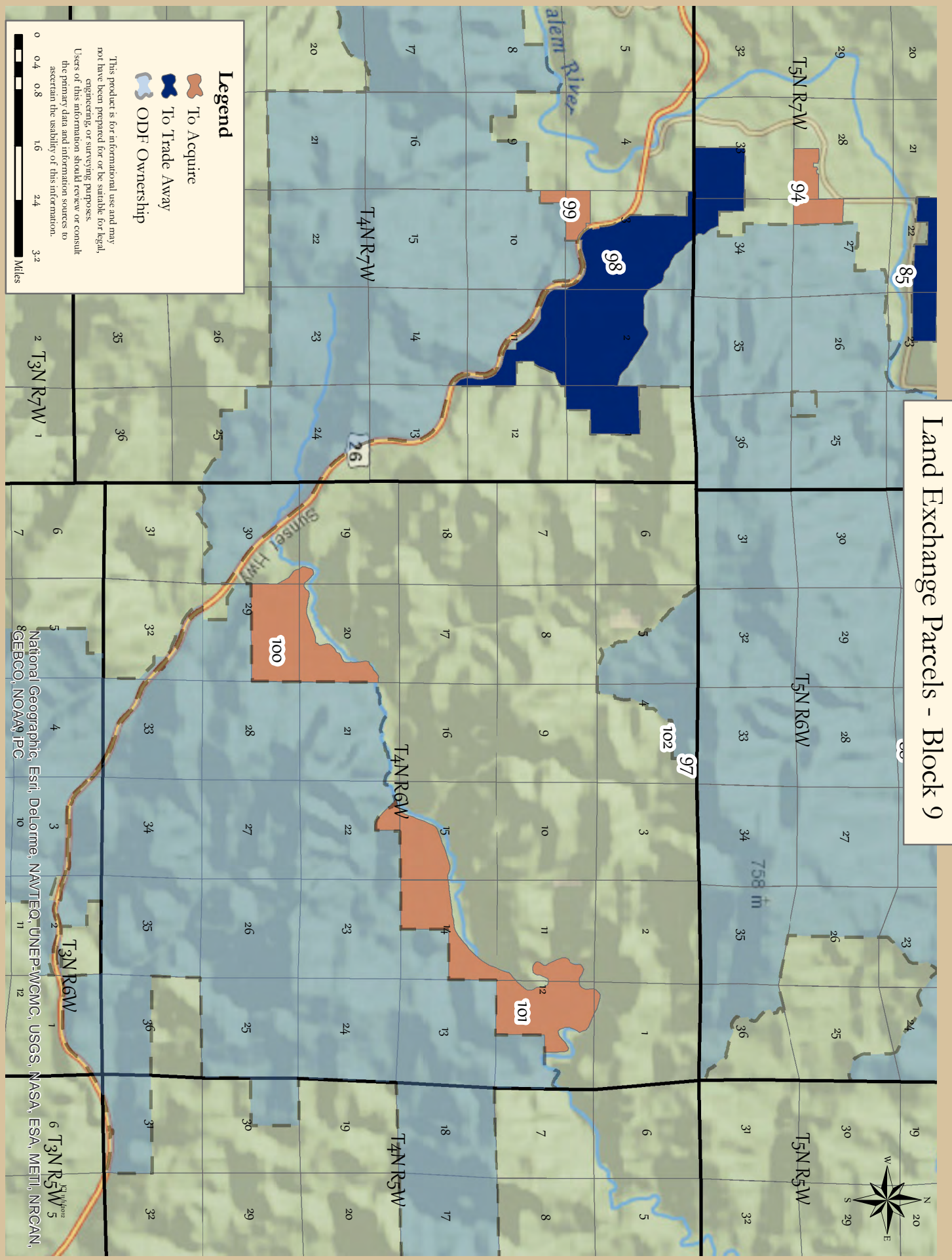
- To Acquire
- To Trade Away
- ODF Ownership

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0 0.375 0.75 1.5 2.25 3 Miles

National Geographic, Esri, Delorme, Garmin, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, IPC

Land Exchange Parcels - Block 9



Legend

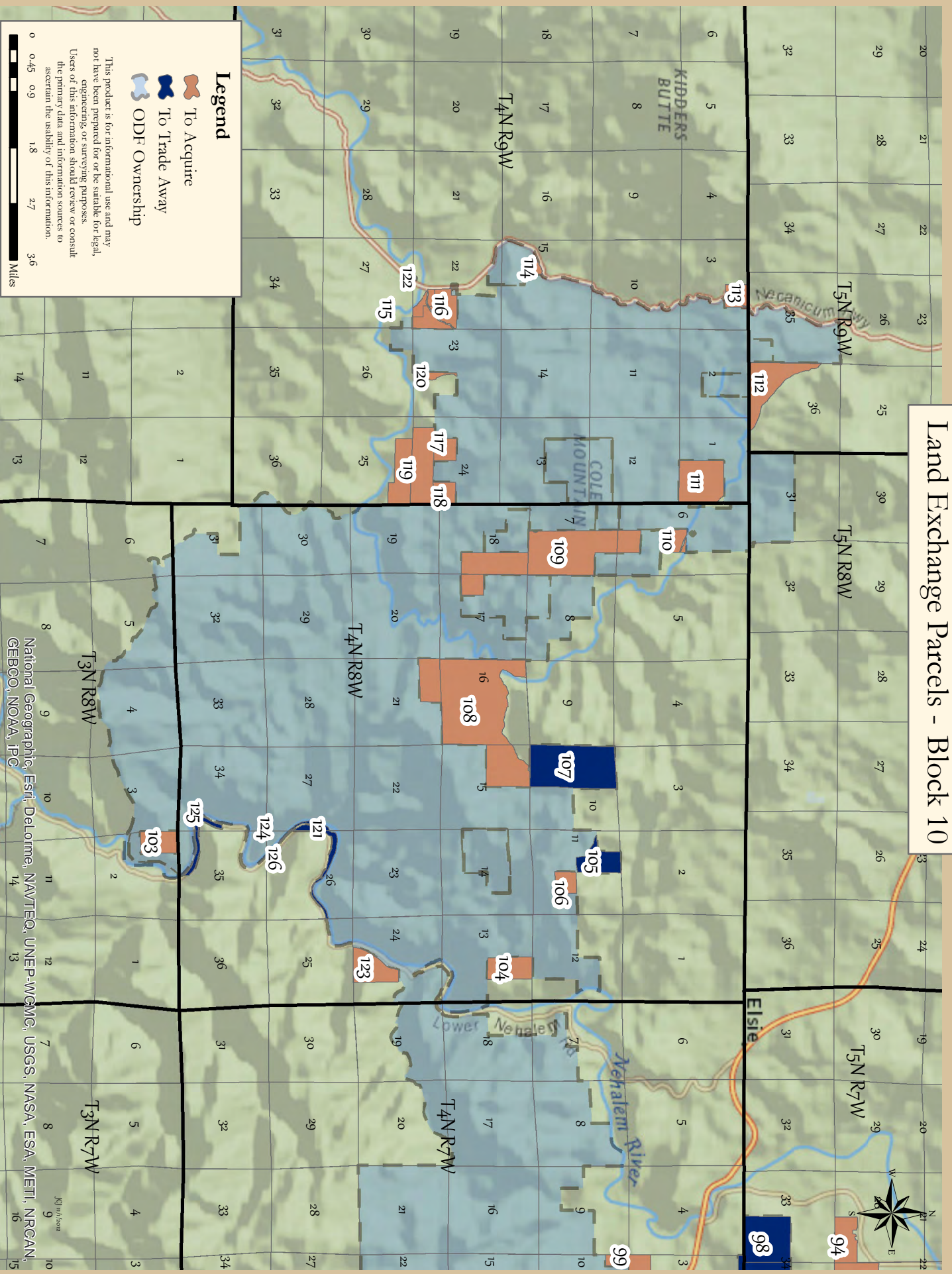
- To Acquire
- To Trade Away
- ODF Ownership

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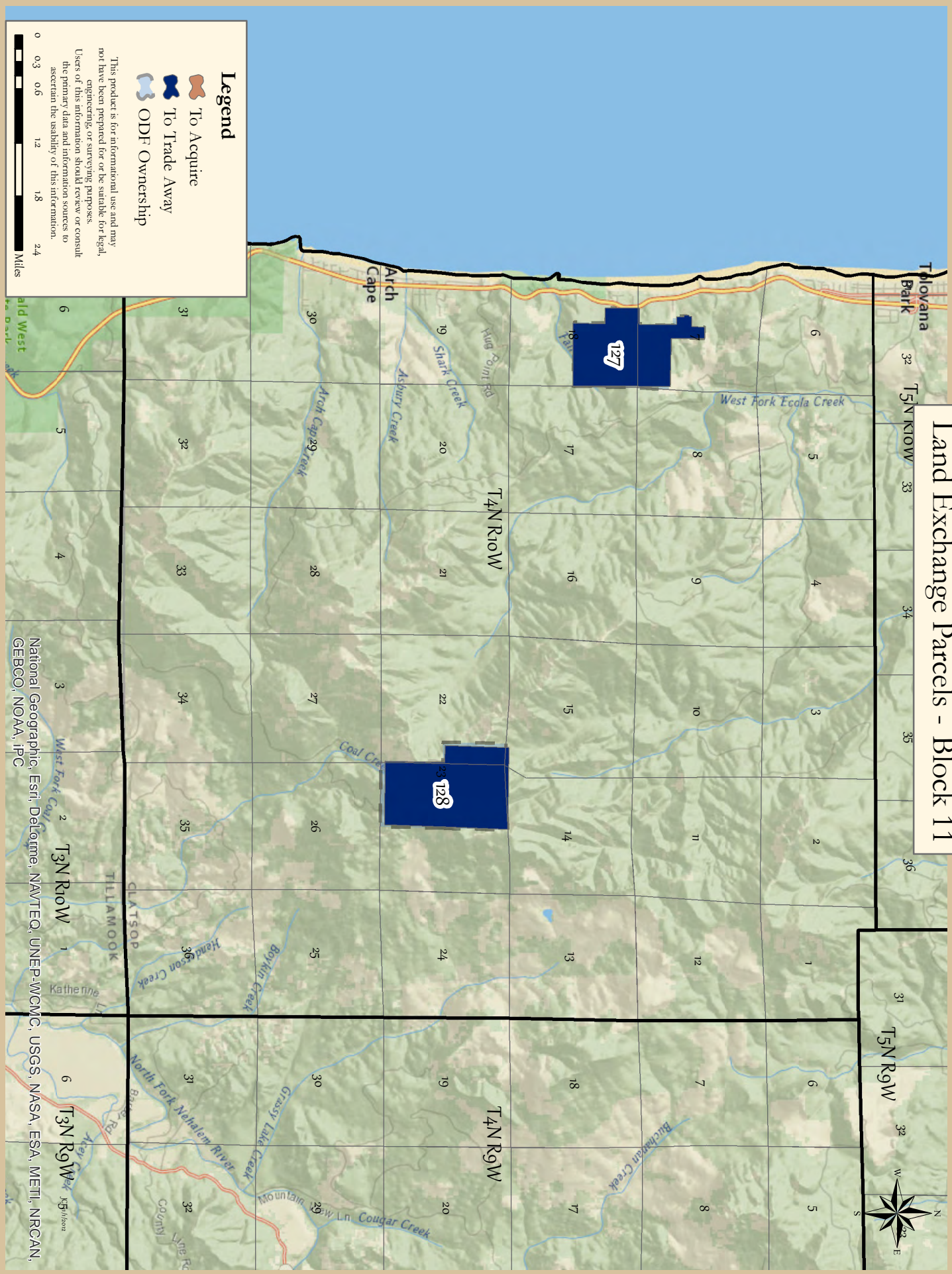





National Geographic, Esri, Delorme, NAVTEQ, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, IPC

Land Exchange Parcels - Block 10



Land Exchange Parcels - Block 11



- Legend**
-  To Acquire
 -  To Trade Away
 -  ODF Ownership

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National Geographic, Esri, DeLorme, NAVTEQ, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, IPC

