

ENVIRONMENTAL ASSESSMENT

UPPER SKAGIT INDIAN TRIBE

**BOW HILL FEE TO TRUST APPLICATION
AND
RESORT EXPANSION**

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**NOTICE OF AVAILABILITY
ENVIRONMENTAL ASSESSMENT
BOW HILL FEE TO TRUST
AND RESORT EXPANSION
BOW, WASHINGTON**



PROPOSAL: The Upper Skagit Indian Tribe has prepared for the United States Department of the Interior, Bureau of Indian Affairs, an Environmental Assessment for the approval of the Fee to Trust conversion pursuant to 25 CFR 151 of approximately 134.13 acres immediately adjacent to and contiguous with the Upper Skagit Indian Bow Hill Reservation. The proposed action is located within southeast quarter of Section 31, and the southwest quarter of Section 32, Township 36 North, Range 4 East; and Government Lots 1, 2, & 3 of Section 6, Township 35 North, Range 4 East, Willamette Meridian, Skagit County, Washington.

PROJECT NEED: This project has been requested by the Upper Skagit Indian Tribe to convert Tribal-owned fee property into Trust property for non-gaming, hospitality/economic development purposes. The Tribe intends to develop approximately 42 acres of the converted Trust land for a hotel, an indoor waterpark, and a conference facility, with economic development activities that focus on the tourism and hospitality industry. The proposed project would increase the availability of jobs. The increased income resulting from the proposed development that would benefit both the Tribal and the local community.

PROJECT DESCRIPTION: Two Alternatives are discussed in the EA Document:

Alternative 1 - Action Alternative - Fee-to-Trust Approval

The Action Alternative would include the conversion from Fee to Trust of approximately 134.13 acres and the subsequent development of approximately 42 acres of the Land for non-gaming economic development purposes, including the development of an approximately 300-room hotel, a 60,000 square foot indoor waterpark, a 15,000 square foot conference center, a 10,000 square foot spa, a 10,000 square foot arcade/day play area, associated restaurant and hospitality facilities, and supporting parking, infrastructure, and utilities. The remaining property acreage would be used for landscaping, buffers, and a wetland mitigation area, plus a small portion available for future, non-gaming economic development activities. The development portion of the project would include filling of approximately 5 acres of wetlands. The planned

mitigation for the anticipated filling of wetlands includes the creation of additional wetland acres and preserving approximately 60 acres of wetland/upland area adjacent to the development area. Traffic studies have indicated a slight increase in traffic volumes, but will not cause any roads to operate below adopted Level of Service standards or significantly impact any local intersections. The Federal decision is the approval of the Tribe's Fee to Trust conversion of Tribal-owned fee land to Trust status.

Alternative 2 - No Action

This Alternative would result in the Tribal-owned fee property not being placed into Trust and the proposed development of approximately 42 acres for a hotel, indoor waterpark, and conference space, will not occur. The property would be left in its current state as undeveloped. All potential increased job creation and revenue would go unrealized for both the local Community and the Tribe. No action on this project would result in no environmental affects to the property. There will be no Federal decision including not approving the Tribe's Application to convert Fee property to Trust status.

**COMMENT
PERIOD:**

Copies of this EA are available for review at the Office of the Superintendent, Puget Sound Agency, Bureau of Indian Affairs, 2707 Colby Avenue, Suite 1101, Everett, WA 98201, telephone (425) 258-2651. Copies of the EA are also available for review at the Upper Skagit Tribal Office, 25944 Community Plaza Way, Sedro Woolley, WA 98284, telephone (360) 854-7090. Comments on the Environmental document must be received by October 31, 2010 and should be sent to the Superintendent, Puget Sound Agency, Bureau of Indian Affairs, at the above address.

**RESPONSIBLE
OFFICIAL:** The responsible official for this environmental document will be Judith R. Joseph, Superintendent, Puget Sound Agency, Bureau of Indian Affairs, 2707 Colby Avenue, Suite 1101, Everett, WA 98201. Dated this 1st day of October, 2010, Judith R. Joseph, Superintendent, Puget Sound Agency, Bureau of Indian Affairs.



Judith R. Joseph, Superintendent
Puget Sound Agency



UPPER SKAGIT INDIAN TRIBE

25944 Community Plaza Way • Sedro-Woolley, WA 98284
Phone (360) 854-7000 • Fax (360) 854-7004



PLEASE TAKE NOTE:

INQUIRIES SHOULD BE DIRECTED TO:

HAROLD CHESNIN AT THE UPPER SKAGIT INDIAN TRIBE
360-661-1020

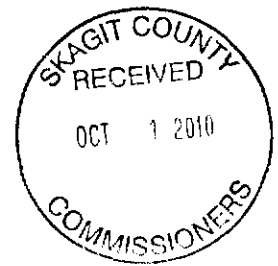
OR

STANLEY SURRIDGE, PUGET SOUND AGENCY OF THE BIA
425-258-2651

Memo

To: SKAGIT COUNTY DEPARTMENTS
From: HARRY CHESNIN, GENERAL COUNSEL
CC: SHARON DILLON
Date: September 30, 2010
Re: DELIVERY OF UPPER SKAGIT EA

Please take note that the Upper Skagit Indian Tribe delivered a full copy of the Environmental Assessment with respect to its fee to trust application to Commissioner Sharon Dillon on behalf of Skagit County,



EXECUTIVE SUMMARY

This Environmental Assessment (EA) addresses the Upper Skagit Indian Tribe's ("Tribe") proposed conversion, pursuant to 25 CFR 151, of approximately 134.13 acres (the "Land") of fee land into trust land for non-gaming, hospitality / economic development purposes. The Land proposed for conversion is located in Skagit County, Washington, immediately adjacent to and contiguous with the Tribe's Bow Hill Reservation trust parcel, which includes the Tribe's existing casino and hotel. The Tribe intends to use the Land to develop a hotel, indoor waterpark and conference space, all non-gaming economic development activities that focus on the tourism and hospitality industry.

Specifically, the Action Alternative includes the conversion from fee to trust of approximately 134.13 acres and the subsequent development of approximately 42 acres of the Land for non-gaming, economic development purposes, including development of an approximately 300-room hotel, a 60,000 square foot indoor waterpark, a 15,000 square foot conference center, a 10,000 square foot spa, a 10,000 square foot arcade / day play area, associated restaurant and hospitality facilities, and supporting parking, infrastructure and utilities. The remaining acreage would be used for landscaping, buffers and wetland mitigation area, plus a small portion available for future, non-gaming economic development activities.

The EA analyzes the environmental consequences of both the Action Alternative and the No Action Alternative in relation to the existing environmental setting. The EA also analyzes unavoidable impacts, mitigation and cumulative impacts in relation to the Action Alternative.

The primary benefit of the Action Alternative would be the increased availability of jobs and increased incomes resulting from development of the recreation and hospitality facility that would be available to both Upper Skagit Tribal community members and others in the local

community. The main environmental impacts of the Action Alternative include the filling of approximately 5 acres of wetlands, the addition of approximately 216,000 square feet of impervious surfaces and other developed areas, and generation of increased traffic, light and noise.

Mitigation for anticipated filling of wetland areas includes the creation of additional wetland areas and the permanent preservation of over 60 acres of wetland/upland complex located on the Land immediately adjacent to the Project area. Potential impacts from increased stormwater runoff due to the addition of impervious surface area will be mitigated through the installation of stormwater treatment and detention facilities designed consistent with the Washington Department of Ecology 2005 Stormwater Management Manual for Western Washington. The results of the traffic study indicate that the slight increase in traffic volumes resulting from the Project will not have a significant impact on local intersections and will not cause any roads to operate below adopted Level of Service standards. Potential impacts due to increased light and noise will be mitigated through the siting of the Project away from other developed areas and the installation of a soil berm and vegetated buffer along the eastern boundary of the project area.

Based on the analysis contained in the EA, no significant environmental impacts were identified that would result from the Action Alternative. In comparison, although the No Action Alternative would not include the potential impacts and associated mitigation described above, it would also not provide any of the substantial benefits potentially resulting from the Action Alternative in terms of increased job opportunities and increased incomes available to both tribal and non-tribal community members. Preparation of an EIS is not deemed necessary. Based on this determination, issuance of a Finding of No Significant Impact (FONSI) is recommended.

1.0 INTRODUCTION

1.1 BACKGROUND

This Environmental Assessment (EA) addresses the Upper Skagit Indian Tribe's ("Tribe") proposed conversion, pursuant to 25 CFR 151, of approximately 134.13 acres (the "Land") of fee land into trust land for non-gaming hospitality / economic development purposes. The Land proposed for conversion is located immediately adjacent to and contiguous with the Tribe's Bow Hill Reservation trust parcel, which Reservation parcel was previously taken into trust by the United States. All the land in question is located in Skagit County, Washington (See Figures 1-1 and 1-2). The Tribe intends to use the Land, after conversion from fee to trust, for a hotel, indoor waterpark and conference space, all non-gaming economic development activities that focus on the tourism and the hospitality industry. Specifically, the Tribe intends to build, own and operate the hotel, indoor waterpark and meeting center on approximately 42 acres of the Land. The remaining acreage is available for landscaping, buffers and utilities. Some of the remaining acreage will be available for future, non-gaming economic development, but the Tribe has no such plans at present. The EA was prepared for the Bureau of Indian Affairs, as lead federal agency, in cooperation with the Tribe, the project proponent. This EA was written in accordance with the National Environmental Policy Act (NEPA) of 1969. The Tribe's Action Alternative is to utilize the Land, after the trust conversion, for the development and construction of an indoor water park, hotel and meeting center. The Tribe proposes to develop and contract the project itself. Approval of the Fee to Trust conversion by the Bureau of Indian Affairs is a federal action, which requires compliance with NEPA.

This EA is prepared to evaluate the likely environmental consequences of converting

approximately 134.13 acres of fee land to trust land and locating, constructing, and operating on approximately 42 acres of the Land a proposed hotel, indoor water park, and meeting center facility including restaurant, spa, fitness center, gift shop, and lounge together with associated parking and other infrastructure on the existing environment. In accordance with NEPA and the Upper Skagit Environmental Protection Code (USEPC), this EA: 1) identifies the purpose and need for the project; 2) describes the proposed action and defined alternatives; 3) characterizes the existing environmental setting; 4) assesses the expected environmental impacts of the project and potential mitigation; and 5) describes the Tribe's consultation and coordination activities for the proposed project. The EA also provides an evaluation of cumulative impacts and a conclusion based on this analysis. The objective of the EA is to determine whether the proposed action would be likely to have any significant environmental impacts.

1.2 FEDERAL DECISION

This document is intended to assist the federal government in making its determination as to whether or not to approve the Upper Skagit Indian Tribe's fee-to-trust application requesting that the United States government take approximately 134.13 acres of fee and into trust for future economic development, non-gaming, purposes, including to accommodate an expansion of the Tribe's existing Skagit Resort located near Bow, Washington.

1.3 PURPOSE AND NEED

At present the Tribe has a very limited trust land base with approximately 100 acres of land in Reservation / trust status. The Reservation is divided into two geographically separate areas. The first area includes approximately 25 acres at Exit 236 of I-5 at Bow Hill Road (used exclusively for economic development and particularly for gaming and hospitality). Gaming is conducted pursuant to a Tribal / State Compact. The remaining 75 acres of Reservation trust

land at Helmick Road near Sedro Woolley, WA is used exclusively for residential and governmental purposes. There is no trust or fee land within the Bow Hill Reservation parcel available for any future economic diversification. The Tribe has purchased approximately 134.13 acres of fee land adjacent and contiguous to the Bow Hill Reservation. The Tribe intends to convert this approximately 134.13 acres of fee land to trust land for non-gaming economic development purposes. The Tribe will locate the recreation and hospitality facility described above on the proposed project area by constructing, and operating a proposed hotel, indoor water park and meeting center facility, including restaurant, spa, fitness center, gift shop, and lounge together with associated parking and other infrastructure.

The purpose of the proposed development is to provide an alternative and diversified non-gaming economic / governmental revenue base for the Tribe together with the creation of new jobs and career opportunities for Tribal members, tribal community members and non-Indians. Revenues from the recreation and hospitality facility would give the Tribe an additional, independent and diversified economic revenue source other than gaming to support its governmental functions and significantly reduce its reliance on gaming, its principal source of outside income, in order to better withstand the negative impacts of dwindling state and federal programmatic funds. The proposed recreation and hospitality facility would provide an estimated 350 full-time jobs, with career opportunities for Tribal members and non-members in management, accounting, food services, marketing, mechanical operations, and other related fields.

The need for the proposed project is based on: (1) inadequate and unstable federal and state revenue sources for the Tribal Government and Tribal services; (2) minimizing the risk of single source gaming revenue in a changing regulatory, political and competitive environment;

(3) insufficient employment opportunities for Tribal members whose skills and / or circumstances do not allow them to work in the regulated gaming industry; and, (4) limited economic development opportunities due to the limited trust land base of the Tribe.

Federal and State grants are currently essential to the continued provision of the wide range of services needed by the Tribal members. Those same funds are decreasing in availability. Funding needs, however, are increasing with the increase in tribal membership, up over 130% in the last decade, and the Tribe's taking over an increasing portion of the programs of the Bureau of Indian Affairs (BIA) and Indian Health Service (IHS). The Tribe is currently limited in its ability to provide needed governmental services, sufficient infrastructure, and necessary administrative facilities, and, further, lacks sufficient quality housing and vacant land on the Reservation to sustain the growing demands of its increasing Tribal membership. However, the growing needs of Tribal members go well beyond the provision of housing and health-related services. Increasingly, the Tribe is being asked to meet all of the following needs of Tribal members: health services including medical, dental and vision services social services, housing, vocational training and education, food, fuel and energy, technological training and assistance, and end of life services. Recreation and hospitality facility net revenue will help the Tribe meet unfulfilled governmental responsibilities and will provide the resources for continued and expanded social, cultural, recreational, housing, and community development programs.

According to BIA year 2003 statistics, of the 755 tribal members, the Tribe had an annual unemployment rate of 44 % (membership has now grown to over 1,010); unemployment exceeded 65 % of the labor force in the winter (BIA, 2003). In comparison, in 2005, unemployment rates for Skagit County as a whole were about 5.8 % annually, and 8 % in the winter (Washington State Employment Security, 2005).

As of April 2010, the unemployment rate for Tribal members was 36 % (USIT 2010), even with the increases in employment provided through development of the Skagit Resort. Employment growth provided by the Tribe's casino has increased employment opportunities for Tribal members, but these increases have been offset in part by the ongoing loss of jobs in traditional, natural resource based industries. Some of the limitations on employment posed by the gaming industry will be offset by increased employment opportunities available through the development of diversified, non-gaming jobs that will be provided by the new recreation and hospitality facility. As of November 2009, unemployment in Skagit County has risen to 10.4 % as a result of the economic downturn (Washington State Employment Security 2009); however, this rate is still far below the unemployment rate among Tribal members.

Existing economic opportunities, even after the creation of the Tribe's Casino, still only provide Tribal members with limited incomes. Treaty commercial salmon fishing, once a mainstay activity for Tribal members, is in serious decline. In 1981, at the time of the creation of the checkerboard Reservation, there were 110 active Tribal fishermen and women who earned an average gross fishing income of \$1,624 (Upper Skagit Indian Tribe, 1981). Now, the number of fishermen has been drastically reduced as the fishing resource has been impacted. In 2009, only 59 tribal members were involved in resource-based industries, including salmon fishing and crab fishing. The average income of a salmon fisherman in 2009 was \$3,642. For the 9 tribal members who engaged in the crab fishery, the average income in 2009 was \$29,000; however, only 3 of the fisherman earned more than this average, while two-thirds earned less than the average (Schuyler, 2010). The Skagit River remains one of the Tribe's major treaty fishing grounds. Even though the Skagit produces most of the wild salmon in northwestern Washington, recent harvests have been severely restricted to protect declining wild stocks.

As a result of limited economic opportunities, over 57 % of those Tribal households living in the local area earn less than \$15,000 per year (USHD, 2009). A 2009 compilation of income by the Upper Skagit Housing Department found that, per U.S. Department of Housing and Urban Development criteria, just over 90 % of Tribal households were of extremely low, very low or low income and 57.1 % were of extremely low income (USHD, 2009).

The proposed recreation and hospitality facility is a viable opportunity for creating a diversified business base for the Tribe, one which is capable of generating sufficient revenues to support many of the Tribe's governmental objectives. Those objectives include: 1) ensuring current and future employment opportunities for local tribal and non-tribal community members; 2) developing needed infrastructure on the Reservation; 3) diversifying and expanding the Tribal businesses; 4) acquiring trust land for future commercial development; and, 5) providing necessary and expanding governmental services.

1.4 PUBLIC INVOLVEMENT

The Tribe has encouraged public comment and participated in a variety of forums that provided opportunity for community input during the planning phases of the proposed development. Forums providing opportunities for specific input on the proposed project have included:

- a) Numerous Tribal Council meetings from 2002 to date.
- b) Tribal General Council Annual Meetings 2003 – 2009.
- c) Skagit County Board of Commissioners, 2004, 2005, 2009 and 2010.
- d) Environmental Assessment available for public review upon submitted to the BIA.

The Tribal and local communities have consistently and overwhelmingly supported development of the non-gaming hospitality facility for the proposed project site.

2.0 ALTERNATIVES

2.1 ALTERNATIVE 1: ACTION ALTERNATIVE

The Action Alternative is to obtain federal approval of the Tribe's fee-to-trust application and receive the affirmative decision of the Secretary as delegated to the Regional Director to take into trust, pursuant to 25 CFR 151, the land adjoining and contiguous to the existing Tribal designated economic development Reservation trust land at Exit 236 of I-5. The project area consists of six parcels totaling approximately 134.13 acres proposed for conversion from fee to trust, which lands are adjacent to and contiguous with the existing Tribal Bow Hill Reservation trust property. Presently the Tribe has an existing gaming facility and hotel on the Bow Hill Reservation (see Figure 2-1). The Tribe and Skagit County made several improvements to the Bow Hill road system in 1995-96 and 2005 (see Figure 2-2). All the required utilities and amenities such as roads, water, electricity, telephone and wastewater for the proposed recreation and hospitality facility and associated features already exist for this alternative. This alternative also allows the Tribe to utilize its existing potable water and waste water transmission lines consistent with the additional capacity planned for at the time of the original Bow Hill Reservation development. The proposed recreation and hospitality facility would occupy a total of approximately 42 acres of the project area.

2.1.1 DESCRIPTION OF THE ACTION ALTERNATIVE

The proposed development consists of an approximately 125,000 square foot structure encompassing a 318-unit hotel, an indoor waterpark, and a meeting center. The hotel will be used primarily by waterpark guests and, during the workweek, by guests attending meetings and conferences at the meeting center. There will be no gaming in the facility. Figure 2-3, a

proposed concept drawing, shows the layout of hotel, indoor water park and meeting center hospitality facilities. The proposed recreation and hospitality facility would be approximately 125,000 square feet in size, allocated as follows:

Hotel:	50,000 sq. feet
Waterpark:	60,000 sq. feet
Meeting Center:	15,000 sq. feet

The waterpark facility would be open an average of 14 hours per day on an annualized basis. Infrastructure and ancillary facilities would include approximately 850 parking spaces, public water system hookup, and wastewater disposal hookup.

The estimated construction cost for the project is \$115,000,000. This total construction expenditure will provide much-needed work for local and regional construction contractors and construction workers. It will also include purchases of locally produced construction materials and construction-related services. Once in full operation, the project is expected to employ 350 persons. These employees will include both tribal and non-tribal members from the local community. The Tribe will use the revenues from the recreation and hospitality facility to: a) fund tribal government operations and programs; b) provide for the general welfare of the Tribe and its members; and c) promote further Tribal economic development diversification. In addition, as a result of the wages paid to employees, many of whom will be non-tribal, and the increased quantity of products that will be purchased from non-tribal vendors, there will be a secondary, but substantial, beneficial impact upon Skagit County, by increased economic activity, additional monies being spent in the businesses in the county and the sales tax revenues generated by such activities. Finally, the hospitality facility will bring a new group of visitors,

families with small children, to Skagit County, which will, in turn, provide further economic opportunities for the citizens of Skagit County. All of the above-described benefits are consistent with the feasibility study and market analysis prepared for the Tribe that supports the viability of the type of hospitality facility being proposed as the Action Alternative.

2.2 ALTERNATIVE 2: NO ACTION

The no action alternative includes the federal decision to disapprove the Tribe's application to convert the Land to trust status and would result in no facility development by the Tribe. At present the Tribe has a limited land base in trust and, therefore, conversion of the proposed land to trust would provide the Tribe an additional land on which to diversify its non-gaming economic development activities. The Tribe strongly realizes that there is a need for diversification in the area of investments and businesses, and the proposed conversion and building of recreation and hospitality facilities would provide the Tribe with much needed diversification. The no action alternative would result in all potential revenues from diversified businesses going unrealized, and the needed economic results would not likely be available to assist the Tribe in pursuing its stated objectives. In addition, there would be no additional employment, no purchases from non-tribal vendors and no additional visitors to Skagit County from the hospitality facility and, therefore, all the potential revenue and taxes to the non-Indian citizens of Skagit County and the State of Washington would be foregone.

2.3 ALTERNATIVE 3: ALTERNATIVES CONSIDERED BUT ELIMINATED AFTER EVALUATION

In addition to the action alternative and the no action alternative, the Tribe initially considered other alternatives that were subsequently determined to be insufficient to meet the project purposes and need. These alternatives are briefly discussed below.

2.3.1 LEAVING THE PROPOSED PROJECT LAND IN FEE STATUS

In the process of developing the project scope, the Tribe considered several alternative plans for the Land, including ones that called for leaving the Land in fee status and then building the tribal recreation and hospitality facilities on land under County jurisdiction. The analysis indicated that building a recreation and hospitality project on a property owned by the Tribe but in fee status would have the following unfavorable impacts:

(i) Trust Status is a Prerequisite to Eligibility for Federal Economic Incentives and Programs

Trust status will make any economic development on the property eligible for several federal economic incentives and programs, which would not be available if the activities were to occur on land owned by the Tribe in fee status. As described in further detail below, such economic incentives and programs include accelerated depreciation, Indian employment tax credits, tax-exempt private activity bonds, and grants and services made available under the Indian Business Development Program.

(a) Accelerated Depreciation, 26 U.S.C. § 168(j).

26 U.S.C. § 168(j) permits an accelerated depreciation deduction from federal income taxes for property used in a trade or business located on trust land. See 26 U.S.C. § 168(j) (6) (B) (incorporating the definition of “Indian Reservation” from 25 U.S.C. § 1903(10), which include “lands held by the United States in trust for the benefit of any Indian tribe. . . .”). For example, property that ordinarily would be deducted over a 20-year period can be deducted over a 12-year period if the business is located on trust land. Congress intended this provision to stimulate tribal economic development by making it advantageous to locate business activities on trust lands. By placing the Property in trust, the Secretary will be furthering the

Congressional policy.

(b) Indian Employment Credit, 26 U.S.C. § 45A.

26 U.S.C. § 45A provides a federal income tax credit for wages and health insurance paid by an employer to a member of an Indian Tribe. The credit is only available if the services performed by such Tribal member/employee are performed on an “Indian Reservation.” For purposes of section 45A, the term “Indian Reservation” includes land held in trust by the United States for the benefit of an Indian tribe. See 26 U.S.C. § 45A(c)(7). This provision was intended to promote tribal economic development and self-sufficiency by providing an incentive to both tribal and non-tribal employers to gainfully employ tribal members. Thus, by approving this Application, the Secretary will be furthering the Congressional policy of promoting tribal economic development and self-sufficiency.

(c) Interest Exemption for Private Activity Bonds, 26 U.S.C. § 7871(c) (3).

26 U.S.C. § 7871(c) (3) provides that the interest on bonds issued for certain facilities located on qualified Indian lands is not considered income for federal tax purposes. In order to qualify under this section, the facility must be located “on land held in trust by the United States for the benefit of an Indian Tribe.” 26 U.S.C. § 7871(c)(3)(E). Again, Congress enacted this provision in order to encourage and facilitate tribal economic development and self-sufficiency; by approving the present Application, the Secretary will be carrying out these Congressional policies.

(d) Eligibility for Indian Business Development Program Grants

Congress has made grants available to Indian tribes under the Indian Business Development Program, 25 U.S.C. § 1521, *et seq.*, “to stimulate and increase Indian entrepreneurship and employment by providing equity capital . . . to Indian tribes to establish

and expand profit-making Indian-owned economic enterprises on or near reservations.”

While these grants are available for activities on fee lands near reservations, the regulations implementing the Program require the Secretary to assign lower priority to enterprises located on fee lands than to enterprises located on reservation or trust lands. See 25 C.F.R. § 286.8. Accordingly, if the present fee to trust is granted, the Tribe will have a greater chance of obtaining capital for economic development on the property through the Indian Business Development Program.

(ii) State and Local Land Use Restrictions

The proposed project property is presently designated / zoned as Rural Reserve by Skagit County. Therefore, the proposed project, as a commercial and business venture, would not be allowed under County regulations if the Land remains in fee status under County jurisdiction.

As a result of the State of Washington Growth Management Act, RCW 36.70A, any application for a change of the Skagit County Comprehensive Plan and zoning designations would be time consuming, costly, and the ultimate result would be in doubt. At best, it would add substantial costs to the project and would not guarantee that the Tribe could diversify its economic base to meet its future employment and economic needs.

2.3.2 UTILIZING CURRENT TRUST LAND AT THE BOW HILL RESERVATION

All of the Tribal trust land on the Bow Hill Reservation parcel is currently utilized for economic purposes and sufficient land to accommodate further economic diversification at this location is not available. The approximately 16 acres surrounding the existing Casino contains the Tribe’s Skagit Resort Hotel and adjacent parking for the Casino and Hotel. The approximately 9-acre area of the Bow Hill Reservation parcel located to the north and adjacent to

the Thousand Trails property contains employee and overflow parking and storage units for furniture, fixtures, equipment and gaming records that cannot be accommodated at the Casino or Hotel. In addition, the existing trust property could not accommodate both the waterpark and hotel and additional associated parking necessary to allow for the occupancy needs of the new economic development project. Thus, the existing trust land at the Bow Hill Reservation is physically unsuitable as an alternative.

3.0 EXISTING ENVIRONMENTAL SETTING

This section of the Environmental Assessment addresses the existing environmental setting within which the proposed Project is located. In general, the potential impacts of the Project on the environment as well as project mitigation are discussed in Section 4.

3.1 GEOLOGY, TOPOGRAPHY AND SOILS

The proposed fee to trust project area is located in the Central Puget Lowland, which is part of a regional north- south trending trough. In western Washington, the Puget Lowland is bordered on the west by the Olympic Mountains and on the east by the Cascade Mountains. Locally, the Central Puget Lowland includes areas along Interstate 5 from Bellingham, WA through Skagit County.

The proposed fee to trust site is located off I-5 at Exit 236 (Bow Hill Road) approximately 10 miles from Mt. Vernon, WA and 20 miles from Bellingham, WA. The proposed fee to trust parcels are located immediately adjacent to the Skagit Valley Casino Resort, consisting of the casino facility and a 103-room hotel with adjacent parking. Across Bow Hill Road and immediately adjacent to the site are additional commercial properties consisting of the Skagit Ridge Hotel and the Bow Hill Gas and Food Mart.

The Skagit County Assessor's tax parcel numbers for the proposed fee to trust project area are:

Parcel # P35839	[8.61 acres located in the southwest portion of the Land]
Parcel # P123324	[21.11 acres located in the southeast portion of the Land]
Parcel # P50416	[41.52 acres located in the central portion of the Land]
Parcel # 119078	[0.58 acres located in the eastern portion of the Land]
Parcel # P50414	[61.95 acres located in the northern portion of the Land]
Parcel # P50500	[0.36 acres located in the northeast portion of the Land]

The above parcels include the vacated portion of East Darrk Lane. (See the Record of Survey included herewith as Appendix E) In 2007, GeoEngineers, Inc. completed a Phase I Environmental Site Assessment (ESA) of the Land. This Phase I ESA was updated in 2010 (GeoEngineers, 2010) and is included as Appendix B.

3.1.1 SITE GEOLOGY

Bedrock in the vicinity of the project area consists primarily of igneous, sedimentary, and metamorphic rocks of pre-Devonian to Pliocene age. The rocks are complexly folded and faulted, and are exposed as hills above the predominantly flat ground surface in the general site vicinity. Except where exposed, the bedrock was overlain by glacial deposits from the Fraser Glaciations of about 10,000 to 20,000 years ago (Shannon and Wilson, Inc., 1994). The project area was heavily glaciated by a minimum of three ice flow events that inundated the area.

3.1.2 TOPOGRAPHY

The project area (see Figure 3-1) consists of six parcels totaling approximately 134.13 acres, located on a gently sloped upland terrace ranging from 245 to 265 feet above sea level. The topography of the southwest portion of the property (8.61 acres) is generally leveled with a slight slope towards Bob Smith Creek. The adjoining south-east portion of the project area (21.11 acres) is partially wooded; however, the southern portion and a “swath” along Darrk Lane and an area on the top of the slope along Bow Hill Road were cleared about 10 years ago and are currently dominated by young red alder (*Alnus rubra*). This portion of the land has an overall slope to the west/northwest, and the southeastern portion that abuts Bow Hill Road is steeply sloped to the south. The adjoining central and eastern portion of the project area (41.52 and 0.58 acres) has small forested areas and was logged and partially cleared within the last 10 years. The overall slope is to the southwest and west. The adjoining north and northeast portion of the

project area (61.95 and 0.36 acres) is surrounded by a mix of recently logged forested land, limited residential acreage on the southeast and, on the west, commercial businesses (Tribal casino, parking lot, etc). The western portion of the northern parcel is nearly level with hummocky surface topography. The eastern edge of the parcel consists of a steep slope that slopes to Highway 99 and Friday Creek. The parcel was logged and replanted sometime within the past 10 years. (ATSI, 2006)

3.1.3 SOILS

The predominant soil type on the project area, as mapped by the Natural Resource Conservation Service (NRCS), is Skipopa silt loam (NRCS, 1989). This very deep, somewhat poorly drained soil is found on terraces. The permeability of Skipopa soils is very slow, and the water storage capacity is very high. Effective rooting depth is limited by a perched water table that is at a depth of approximately 12 to 24 inches from October to June. Runoff is slow and hazard of water erosion is slight. (NRCS, 1989).

A geotechnical engineering evaluation was performed by John A. Pinner & Associates (1993) on the adjacent Reservation site and is applicable to the project site. They encountered a surface layer of approximately 6 inches of moist brown organic clay, underlain by stiff, moist-to-wet brown clay to approximately 15 feet below land surface. Below this lies wet, firm-to-stiff blue-gray silty clay to a depth of at least 35 feet. In 2007, GeoEngineers, Inc. prepared a site-specific geotechnical engineering report addressing the potential impacts of the Project and providing recommendations pertaining to project construction. Through their investigation, GeoEngineers identified a thick layer of stiff glacial till located below the layers of clay described in the Pinner report (GeoEngineers, 2007).

3.2 CLIMATE

The Bow Hill area has a temperate climate that receives a significant nautical influence from the Pacific Ocean. The moderating influence of ocean air, combined with seasonal air circulation patterns, generally results in warmer winter and cooler summer temperatures in western Washington than in interior areas (Jackson and Kimerling, 1993). The lowlands bordering Puget Sound have relatively moist, mild winters and dry, sunny summers. Daily January maximum temperatures in the Bow Hill area are typically above 40° Fahrenheit (F), while July maximums usually range from 60° to 80°F.

The amount and type of precipitation in Skagit County varies considerably from west to east, as a result of the mountain influences on climate. The total annual precipitation measured just south of the project area in Mount Vernon averages approximately 32.65 inches per year (Economic Development Association of Skagit County, 2010). Nearly the entire annual precipitation total falls as rain. Rains are frequent during the fall, winter, and spring, particularly from November through April. In the summer, rainfall is generally light and several weeks often pass without precipitation. The average annual snowfall is 7 inches, and there is at least 1 inch of snow on the ground on approximately 4 days per year.

The prevailing wind direction is from the southwest. Wind speeds are highest during the winter months. During most winters, the Bow Hill area experiences one or two storms that brings strong and sometimes damaging winds. There is general agreement among the scientific community that some changes to climate patterns in the Pacific Northwest are likely to occur due to the cumulative effects of greenhouse gas emissions. Such changes could include more frequent and more intense storm events and increased air and water temperatures (Washington Department of Ecology 2010).

3.3 WATER RESOURCES

3.3.1 SURFACE HYDROLOGY

All of the Land, including the Project area, is within the drainage basin of the Samish River; however, no portion of the Land is located in a 100-year floodplain as mapped by the Federal Emergency Management Agency. The headwaters area of the Samish River is located northeast of Wickersham in Whatcom County, about 10 miles northeast of the Bow Hill Reservation. The river flows to the south and west for approximately 35 miles, draining into Samish Bay near the community of Edison.

Friday Creek, which flows out of Samish Lake, is a principal tributary. The project area is located approximately one (1) mile west of Friday Creek and one (1) mile northwest of the Samish River at an elevation that is approximately 265 feet above the river. Just west of the proposed project site is Bob Smith Creek, which originates south of the existing trust land location of the adjacent Bow Hill Reservation and Skagit Resort facility and through the southwest portion of the Land. See Figure 3-3.

On-site surface drainage on the project area, including the headwaters of Bob Smith Creek, is provided from surrounding surface and subsurface runoff and direct precipitation (Aqua-Terr Systems, Inc. [ATSI], 1993 and 2006).

The topography of the project area directs up-gradient surface drainage, and probably subsurface drainage, toward the southern part of the forested wetlands on the western portion of this area. Here, runoff flows into Bob Smith Creek, a seasonal surface water run-off stream. The majority of the on-site wetlands are hydrologically interconnected, with drainage directed into the seasonal stream.

Past actions, such as the construction of Interstate 5, Darrk Lane, and associated ditches and culverts, have altered the original hydrology of the project area (ATSI, 1993 and 2006). Interstate 5 has interrupted up-gradient flow from the west and has either diverted it completely away from the project area or, as in the case of drainage to the east from Interstate 5, directed it into specific outlets onto the adjacent Reservation site.

Bob Smith Creek is a tributary of the Samish River. Drainage records for Bob Smith Creek are not available, due to the small size and seasonal nature of the stream. Based on previous, but unchanged, unit area flow comparisons with the Samish River and Friday Creek, staff from the Skagit System Cooperative (SSC) Natural Resources department estimated the mean annual flow of Bob Smith Creek at less than 1.4 cubic feet per second (cfs) (letter from R.G. LaRock, SSC, July 20, 1994). In years 1995-96, during the construction of the gaming facility on Bow Hill Reservation, Bob Smith Creek was left undisturbed. Similarly there will be no impacts on Bob Smith Creek during or as a result of the proposed project.

3.3.2 GROUNDWATER

Groundwater can be found in up to three aquifer zones in the vicinity of the project area. A shallow, often perched aquifer occurs in some locations, but is not present near the parcels proposed for trust status. It appears that an aquifer between 10 and 70 feet in elevation is the regional aquifer (Shannon and Wilson, Inc., 1994). This unit is generally referred to as the middle aquifer by local well drillers, and many wells in the area are finished in this zone. Infiltration of precipitation recharges the aquifer; groundwater then probably flows toward, and discharges to, the Strait of Georgia. Though precipitation is an important source of recharge, it appears that much of the recharge to the aquifer comes as seepage from the up-gradient Samish and Whatcom Lakes.

An underlying aquifer generally exists between -1 and -100 feet elevation (Shannon and Wilson, Inc., 1994). This is a saturated unit of inter-layered sand, gravel, and clay, which is occasionally tapped by wells. This water-bearing zone, for purposes of this EA, is termed "the deep aquifer." It is believed that the unit is more or less laterally continuous. The middle and deep aquifers may not be distinct and a degree of hydraulic connection between the two probably exists. Aquifers in the project area are essentially shielded by the deep clay layer below the land surface (Pinner and Associates, 1993).

As is the case for the adjacent Skagit Valley Casino Resort, the proposed fee to trust project will not rely upon or use ground water as the source for its water uses. The project will be hooked up to the same water source as the casino facility, the 12-inch public water main that was installed previously for the Skagit Valley Casino Resort prior fee to trust project.

3.3.3 WATER QUALITY

Water quality in the streams in the Bow Hill area is generally good. The Samish River and, although not designated directly, its tributary Friday Creek have been addressed under the State of Washington's surface water quality classification system (Washington Administrative Code [WAC] 173- 201A-602).

Comprehensive data on existing water quality in Bob Smith Creek are currently unavailable. Runoff from Interstate 5 drains through the Reservation and probably contributes unknown levels of constituents such as gasoline and motor oil to Bob Smith Creek. (SSC, 1994 as updated by personal communication with Doreen Maloney, Upper Skagit Natural Resources Department 2010). The existing Skagit Resort development includes stormwater management facilities to treat and detain stormwater from on-site parking areas and other impervious surfaces designed to reduce water quality impacts to Bob Smith Creek.

3.4 VEGETATION

The project area supports mixed upland coniferous/deciduous forest, palustrine forested wetlands, palustrine scrub-shrub wetlands, and palustrine emergent wetlands (ATSI, 1993 and 2006). The eastern half of the southwestern portion of the project area is a mowed field that is maintained throughout the summer. The north and northeast portion of the project area is forested with upland mixed coniferous and deciduous forest. Vegetation in the upland areas is discussed below. The wetlands are discussed separately in Section 3.5.

3.4.1 UPLAND FOREST COMMUNITY

Some parts of Land were logged by previous landowners. Much the logged upland portion of the project area has naturally regenerated as deciduous forest (ATSI, 1993 and 2006). The dominant, regenerating, canopy species in this area are black cottonwood (*Populus balsamifera*) and red alder (*Alnus rubra*). Understory species include vine maple (*Acer circinatum*), salmonberry (*Rubus spectabilis*), elderberry (*Sambucus racemosa*), sword fern (*Polystichum munitum*), cascara (*Rhamnus purshiana*), and lady fern (*Althyrium felix-femina*). Several facultative wet species were found within the disturbed areas of the uplands. The remaining upland vegetation is similar to that found in the upland areas of the eastern portion of the parcel, which support a coniferous forest with an average age of 45 years. The canopy is predominantly composed of western red cedar (*Thuja plicata*) interspersed with red alder and Douglas fir (*Pseudotsuga menziesii*).

The north and the northeast portions of the project area were logged by the previous landowner and replanted with Douglas fir (*Pseudotsuga menziesii*) within approximately the last fifteen years. Typical upland vegetation of the north and northeast portions of the project consist of red alder (*Alnus rubra*), big leaf maple (*Acer macrophyllum*), western red cedar (*Thuja*

plicata), salmonberry (*Rubus spectabilis*), red elderberry (*Sambucus racemosa*), sword fern (*Polystichum munitum*), and trailing blackberry (*Rubus ursinus*) (ATSI, 2006).

3.5 WETLANDS

The results of the wetland reconnaissance performed by ATSI (2006) show that a number of wetlands are located in the project area. See Figure 3-2. The southwestern portion of the project area contains Palustrine emergent seasonally flooded/saturated (PEME) wetlands with a seasonal stream within a ravine. Palustrine forested scrub-shrub seasonally flooded to saturated wetlands and Palustrine emergent seasonally flooded/saturated (PEME) wetlands were also present in the central portions of the project area. The north and the northeast portions of the project area contain Palustrine forested seasonally flooded (PFOC) wetland-upland complex. (ATSI, 2006)

ATSI (2006) rated the overall functional value of the Palustrine emergent seasonally flooded to saturated wetland on the southern portion of the project as low. The only wetland function to have a high value was the enhancement potential. This was in spite of the wetland being located in a very disturbed, but heavily vegetated area. The remaining functions received values of moderate to low. Using the Washington Department of Ecology's Wetland Rating System, the Palustrine emergent seasonally flooded to saturated wetlands located in the southwestern portion of the site are categorized as Category II wetland, because they have a high potential for enhancement, have well-established buffers, are small in size, have experienced disturbance, and contain some invasive or non-native plant species. Palustrine forested scrub-shrub seasonally flooded to saturated wetlands and Palustrine emergent seasonally flooded to saturated wetlands located in the central portions of the project area have low to moderate overall value. The enhancement potential for the PEME wetlands is high because they are dominated by

non-native pasture vegetation. A Palustrine forested seasonally flooded (PFOC) wetland-upland complex throughout the northern and northeastern portions of the project area have moderate to high overall value. These wetlands have moderate to high potential and opportunity for flood and storm drainage protection because they are within depressions and swales over a large area, and comprise the headwaters of Bob Smith Creek. The wetlands also have moderate opportunity and high potential to improve water quality because not all of the impervious surface area runoff in the area is treated and the wetlands have a well developed herbaceous layer (ATSI, 2006).

3.6 FISH AND WILDLIFE RESOURCES

Three surface watercourses are located in the general vicinity of the project area. See Figure 3-3. The headwaters of Bob Smith Creek are located at the northern boundary of the project site. The surface water runoff from the area and the runoff from I-5 constitute water sources for Bob Smith Creek. The upper portion of Bob Smith Creek is seasonal and does not support fish. The lower reaches of the creek, which drains to the Samish River, support salmonids. Friday Creek, a tributary to the Samish River located 0.5 to 1 mile east of the Reservation, supports Coho (*Oncorhynchus kisutch*), chinook (*O. tshawytscha*), and chum salmon (*O. keta*) (ATSI, 2010). Salmon present in the lower reaches of Bob Smith Creek likely include one or more of the species found in Friday Creek. Based on field investigation in March 2004, Coho (*Oncorhynchus kisutch*) and chum salmon (*O. keta*) were observed in the upper reaches of Bob Smith Creek south of Bow Hill Road approximately 0.25 miles south of the Land (Personal communication Douglas Couvelier, Tribal Biologist, January 10, 2006). In addition, culverts where Bow Hill Road and Darrk Lane cross the creek (both of which are located downstream from the proposed hospitality facility) are barriers to fish passage.

The Bow Hill area, including the Land, provides habitat for a variety of wildlife species, including black-tailed deer (*Odocoileus hemionus columbianus*), small mammals, birds, amphibians, and reptiles. The common species that typically occur in the vicinity of the Land or in similar settings are listed in Appendix C.

The Washington Department of Fish and Wildlife (WDFW) was contacted in February, 2005 and October, 2008 to obtain a list of sensitive and listed species and their habitats that are known to occur or could occur on the Land / project area contiguous to the Bow Hill Reservation. The maps only list the known presence of salmonids within Bob Smith Creek, up to Bow Hill Road.

Although no longer listed as a threatened species under the federal Endangered Species Act, Bald eagles continue to be of importance to local tribes for cultural reasons. No known eagle nests are present on the Land. The nearest known bald eagle nesting area is approximately 2 miles away and the nearest area where eagles are known to congregate is over 5 miles from the Land. (WDFW, 2005 as confirmed by WDFW letter dated January 27, 2007 and ATSI, 2010).

3.7 THREATENED AND ENDANGERED SPECIES

Threatened and endangered species or their habitat do not occur on the Project site. This finding was confirmed by ATSI through site investigations in 2005 and 2006. In addition, ATSI prepared a Biological Assessment that found that the Project would have “No Effect” on threatened and endangered species, their habitat and essential fish habitat (ATSI 2010). See Appendix D. Previously, the U.S. Fish and Wildlife Service (FWS) indicated that the marbled murrelet (*Brachyramphus marmoratus*), and northern spotted owl (*Strix occidentalis caurina*) may occur in the vicinity of the Bow Hill Reservation (letter from D. Fredrick, FWS). These findings were confirmed in the Washington Department of Fish and Wildlife (WDFW) report

dated February 2005. These species are listed as threatened under the Federal Endangered Species Act (ESA). Previously, the Tribe consulted with Federal and State resource agencies concerning the likely presence of these species, or suitable habitat for these species, on the Bow Hill Reservation and in the Bow Hill area. After reviewing species listed by federal and state agencies and as a result of site-specific investigations of the Land, ATSI (2010) concluded that neither endangered, threatened, nor sensitive species nor their habitat occur on the Land or within the Project area. As a result, the Tribe has confirmed that there are no issues of concern related to threatened or endangered species or their habitat in the area potentially affected by the Project.

The FWS also identified four species that are candidates for listing under ESA and potentially occur in the area: northern goshawk (*Accipiter gentilis*), the mountain quail (*Oreortyx pictus*), California red-legged frog (*Rana aurora draytoni*), and spotted frog (*Rana pretiosa*). All occurrences of these species are considered priority areas (letter from ATSI, September 7, 1994). After recent investigation, there was no evidence that the project lands contained such candidate species (ATSI 2006).

Twenty-one endangered, threatened, or sensitive (ETS) plant species (including four monitor species) have been recorded within Skagit County. Of those only the ground-pine, boreal bedstraw, and branching montia are found in habitats similar to those of the Bow Hill area. Field investigations conducted on the Bow Hill Reservation and contiguous lands (including the Land) revealed no evidence that any of these twenty-one species or any other ETS plant species are located on the project lands contiguous to and adjacent with the Bow Hill Reservation (letter from ATSI, December 11, 1994 and ATSI 2006).

3.8 SOCIOECONOMIC

The proposed hospitality facility would affect socioeconomic conditions both for the Tribe and the surrounding Skagit Valley community. To provide a context for the larger area of socioeconomic influence, this section summarizes existing conditions for Skagit County as a whole. While some of the project's socioeconomic effects would be felt beyond the county boundaries, Skagit County represents the main local jurisdiction (non-Indian country) in which these effects would be most noticeable.

The most immediate positive impact on the socioeconomic conditions in Skagit County would be garnered through the construction jobs and vendors services to be provided by and available to Tribal members, Skagit County businesses and Skagit County residents. Following completion, the hospitality facilities project will provide approximately 350 jobs for Tribal members and citizens of Skagit County and will purchase more than \$12,539,000 worth of goods and services annually (Doolittle, 2009). Moreover, the waterpark facility will provide indoor, year round recreational facilities for the citizens of Skagit County.

3.8.1 POPULATION

The population of Skagit County has been growing steadily for several decades. The county population increased by 24 % between 1980 and 1990 and 19 % between 1995 and 2005. The population in 2005 was estimated to be 110,900 and in 2009 to be 118,900 (Washington State Office of Financial Management, 2009a). The relatively rapid growth has been primarily attributed to in-migration, in part because the County is increasingly serving as a bedroom community for Everett and surrounding areas.

Skagit County's overall population density is moderately low, about 68.5 people per square mile in 2009 (Washington State OFM, 2009b), primarily because there are large,

unpopulated tracts of federal lands in the eastern part of the County. Approximately 57 % of the county's population live in incorporated towns and cities that are primarily located in the western part of the County.

The Upper Skagit Indian Tribe has an enrolled membership of 1,013 persons. 151 Tribal members (approximately 15 %) live on the Helmick Road Reservation, and a total of 365 Tribal members (approximately 36%) live in Skagit County. An additional 186 Tribal members (approximately 19%) live in the adjacent counties of Snohomish and Whatcom counties. Thus, a total of 551 Tribal members, or over 54% of the total Tribal membership, live either on the Helmick Reservation or in the surrounding area and regularly access Tribal services and would benefit from increased employment opportunities that would result from the proposed recreation and hospitality facility. (J. Washington, USIT Administration, 2010)

The 76 on-Reservation homes at the Upper Skagit Community on Helmick Road house approximately 196 people. Of these, approximately 151 are Tribal members while 24 are other Native Americans and 21 are non-members that live in an Upper Skagit household (personal communication, Jennifer Washington, Upper Skagit Administration, 2010).

3.8.2 EMPLOYMENT

The Skagit County unemployment rate in 1994 was 9.9 %. In the year 2005 the unemployment rate fell to 5.8 %, which was similar to the State unemployment rate that year of 5.5 % (EDASC, November 2005). Total employment in Skagit County in November 2005 was 55,090. As of October 2009, the Skagit County unemployment rate is 9.2 % and the Washington State unemployment rate is 8.8 % (EDASC, 2010).

Overall, trade, government, and services are the largest economic sectors in Skagit County in terms of employment. Employment in services, trade, and construction grew rapidly

between 1995 and 2005. Manufacturing employment fell largely as a result of changes in the forest products industry. (Washington State Employment Security Department 2005).

BIA Labor Force Statistics for 2003 show the total Tribal labor force at 200 persons (including members living on and off the Reservation). Of these, 112 (56 %) were employed, and 88 (44 %) were unemployed. However, a substantial number of the employed Tribal members hold seasonal or low-paying jobs. The Upper Skagit Indian Tribe Labor Force Reports from April of 2010 indicate that the Tribal unemployment rate has decreased to approximately 36 %, which is still substantially higher than the unemployment rates in Skagit County of Washington State noted above.

A total of 93 individuals are currently employed in on-Reservation (Helmick) jobs. Of the 93 Tribal government jobs, 53 are held by non-members and 40 are held by Tribal members (personal communication from Jennifer Washington, Upper Skagit Indian Tribe Administration, 2010). In addition, the number of individuals currently employed at the Bow Hill Reservation includes 25 Tribal members and 463 non- Indians (personal communication with Sharon Cochrane, Skagit Resort Human Resources Director, 2010). (The proposed hospitality facility project will have the added benefit of not requiring a gaming license of employees and, therefore, an additional category of Tribal members and non-Indians will be available for the work force.)

3.8.3 INCOME

The median income for a household in Skagit County is \$42,381. Males have a median income of \$37,207 versus \$26,123 for females. The per capita income for the county is \$21,256. 11.10% of the population and 7.90% of families are below the poverty line. Out of the total

population, 13.5% of those under the age of 18 and 6.8% of those 65 and older are living below the poverty line. (Washington State Employment Security 2005).

Bureau of Census income data are not available for the Tribal membership as a whole. The best information about on-Reservation and local area household income is from Upper Skagit Housing Department (2009) resident statistics. Per 2009 U.S. Department of Housing and Urban Development, Community Development Block Grant Program criteria, on-Reservation family or household income distribution is as follows:

Extremely Low Income	57 %
Very Low Income	18 %
Low Income	15 %
Above Low Income	10 %

The Upper Skagit Helmick Reservation can be characterized as impoverished. Unemployment of Tribal members living locally is estimated at 36 % (USIT, 2010), 57 % of local Tribal households earn less than \$15,000 per year, and 57.1 % of local Tribal households are considered to be of extremely low income. (Upper Skagit Housing Department 2009). These figures represent a positive impact / increase in the economic welfare of Tribal members as a result of the Skagit Valley Casino Resort. The addition of the proposed hospitality facility will provide for additional employment and additional income for members of the Tribe.

3.9 LAND USE

The Land, which is adjacent and contiguous to the Bow Hill Reservation, is located near Interstate 5 in a mostly rural area of western Skagit County (See figure 3-4). The Land has seen limited development in the past. One structure is present on the Land, a storage building that was constructed after 1978 and has metal siding. Based on an inspection of the building no materials

were identified as potentially containing either lead-based paint or asbestos (Pillar To Post, 2010).

Land use in the Bow Hill area includes commercial, agriculture, transportation, commercial recreation, recreational vehicle (RV park/camp ground and a motor speedway), forestry and scattered rural residence (see figure 3-4). In 1994 and 2000, Skagit County, in its Comprehensive Land Use Plan, designated those lands within its jurisdiction (non-Indian, off-Reservation fee lands) in the Bow Hill area for rural use, with the exception of two commercial parcels on the northwest and southwest corners of the Bow Hill interchange. This designation mirrors the County's past ten-year land use patterns for the area.

In 1990, as part of the Tribe's land consolidation and economic development planning process, the Tribal Council designated the Bow Hill trust properties, including the Bow Hill Reservation and adjacent dependent non-reservation Indian Trust land over which the Tribe asserts land use authority, for general business/commercial use and economic development purposes (see figure 3-4 and figure 3-1).

The Thousand Trails, Inc. campground located approximately 0.5 mile north of the Land is a 280-acre, commercial camping facility consisting of 230 campsites and RV spaces. The Tribe's Bow Hill Reservation adjacent to and contiguous with the Land contains the Tribe's hotel and gaming facility. With the above exceptions, all other lands immediately to the north and south of the Land are either commercial properties, vacant woodlots or unused pasture land. To the east, there is a small 9-lot housing development (the Tribe now owns one of the lots adjacent to the Land), but it is principally downhill from the Land and not likely to be disturbed by the proposed use of Land.

A vacant parcel (formerly a retail seafood business) is located in the northwest quadrant of Exit 236 (across the freeway from the Land and the Bow Hill Reservation). Near this business are four homes located along Bow Hill Road. With these additional exceptions, all the lands to the west and southwest of the proposed hospitality facility are either vacant forestlands or undeveloped cleared acreage. The Tribe owns all four corner parcels adjacent to the Bow Hill interchange of I-5. (See Figure 3-5 for Tribal land holdings, fee and trust lands.)

Across Bow Hill Road from the Bow Hill Reservation is a tribally owned gas station / convenience store and a small 41 unit hotel. Both of these enterprises are located on fee land and required substantial time and expense to obtain approval from the County for construction. The Tribe, furthermore, has always maintained a good relationship with Skagit County and utilizes these businesses to provide tax dollars to the State and County and employment for County residents.

As part of the Phase I Environmental Site Assessment, GeoEngineers (2010) documented their review of a search of federal, state, local and tribal lists and databases of sites with previous and current, known or suspected environmental concerns within and around the project area. This review included a search of sites listed as toxic or hazardous waste sites and Superfund sites. The results of this review show that the Land is not identified in any of the lists or databases as the site of a known environmental concern. One site located approximately 600 feet northwest of the Land was identified as the site of a previous fuel release in 1991 at the Thousand Trails Campground; however, the review indicated that this site had been cleaned up by 1995. On this basis, this adjacent site was not considered to be of significant concern (GeoEngineers, 2010).

3.10 TRANSPORTATION

3.10.1 ROADS

Transportation access to the Land and the Bow Hill Reservation is provided by paved local roads in the northeast quadrant of the Interstate 5 interchange at Bow Hill Road (Figure 3-6). Bow Hill Road provides the sole access to the Land, with access thereby to Darrk Lane. Interstate 5, a four-lane, controlled-access freeway, abuts the Reservation and the adjacent and contiguous Land on the west.

Bow Hill Road is a two-lane Skagit County road that crosses Interstate 5 south and west of the proposed development, and is classified as a major collector arterial. It is the only access to Darrk Lane and the Land. Bow Hill Road at Darrk Lane has a left turn lane and traffic light.

Darrk Lane is a 30-foot wide, two-lane asphalt road that intersects Bow Hill Road approximately 900 feet southeast of the Bow Hill Reservation. Darrk Lane was built in 1981 under a 60-foot road and utility easement agreement between the Tribe, surrounding Indian landowners, and Thousand Trails, Inc.

Major improvements to Darrk Lane and Bow Hill Road occurred in 1995 at the time of the construction of the Tribe's casino. In addition, the Tribe has just completed a road relocation project for Darrk Lane, which not only provides additional, closer and safer parking for customers at the Skagit Valley Casino Resort, but makes the traffic flow on Darrk Lane better and eases traffic conditions adjacent to the proposed hospitality facility project site.

3.10.2 ROADWAY CONDITIONS

Speed limits are 70 mph on Interstate 5, 35 mph on Bow Hill Road, 25 mph on Darrk Lane, and 35 mph on most other roadways in the local area. Pavement quality on both Bow Hill Road and Darrk Lane is generally good. The principal traffic controls within the immediate Bow

Hill area are 3 marked stops where the I-5 exit ramps and Darrk Lane enter Bow Hill Road and the traffic light at Darrk Lane and Bow Hill Road.

Skagit County has improved the Bow Hill area through: (1) safety and traffic volume improvements to the intersection of Bow Hill Road and Darrk Lane; and (2) the reconstruction of Bow Hill Road just east of the Darrk Lane intersection.

The purpose of the former was to improve the deficiencies in sight distances at the subject intersection and allow for safer left turn traffic. The latter was to stabilize slopes on Bow Hill Road east of Darrk Lane to Old Highway 99 and to correct pavement failure problems in that area.

Comprehensive traffic accident data for Bow Hill Road are not available. For the 4-year period from 1992 to 1996, Bow Hill Road had two injury accidents per year at the Interstate 5 interchange. This is not an uncommon accident rate for a mostly rural area (personal communication with P. Budrow, Upper Skagit Tribal Police, 2010).

3.10.3 TRAFFIC CONDITIONS

Previously, the Tribe conducted a traffic study for the Bow Hill Reservation parcel adjacent to and contiguous with the project site during the summer of 1994 (Entranco, 1994). The purpose of the study was to assess the current traffic volumes and movements in the Bow Hill area and to further anticipate impacts of economic developments on the Bow Hill Reservation. The study relied upon available traffic data and other information and reports provided by the Tribe, WSDOT, and Skagit County. These data were supplemented by field investigation and office studies conducted by the consultant.

The 1994 average daily traffic volume on Interstate 5 at Exit 236 (Bow Hill Road) was estimated to be 27,500 (Entranco, 1994). Skagit County reported an average annual daily traffic

on Bow Hill Road of 1,300 vehicles and a peak hour volume of 130 vehicles between Interstate 5 and Old 99 North. The weekly daily traffic volume on Darrk Lane was estimated at 550 vehicles (Entranco, 1994).

The traffic study showed p.m. peak hour directional volumes and intersection turning movement volumes. The current and projected 1995 without hospitality facility peak hour was determined to be from 4:30 to 5:30 p.m. Casual observations, plus the count data, indicated that weekday truck and recreational vehicle traffic falls off sharply after 4:00 p.m.

Figure 3-6 from the 1995 Environmental Assessment prepared by the Tribe illustrates the projected summer Friday p.m. peak hour traffic volumes in the project vicinity presented in the Entranco report. These volumes are based on a 10 % increase applied to the observed 1994 volumes to adjust to a Friday basis, plus a 5 % increase to project the latter forward to the summer of 1995 (USIT, 1995). The Friday analysis provides a conservative assessment of traffic impacts for the hospitality facility (a worst-case scenario for 1995).

A level of service (LOS) analysis was made for the 1995 without casino and hospitality facility p.m. peak hour volumes (typical summer Friday peak case). LOS is a grading system that indicates the level of congestion and delay at intersections and along roadways. LOS calculations show that the stopped approaches and main route left -turn movements at the four study intersections on Bow Hill Road would likely operate at LOS A for the 1995 summer Friday p.m. peak hour without the proposed hospitality facility. The LOS grading system applied here and the resulting LOS determination did not take into account the limited east-west sight distance at the Darrk Lane and Bow Hill Road intersection (letter from D. Sheridan, Engineering Division Manager, Skagit County Public Works Department, Mount Vernon, Washington, December 23, 1994) which has since been improved.

When the original work and calculations were made for the Tribe's casino development in 1995, the designs were set to accommodate a far larger capacity than has actually been generated by the existing casino and hotel. In 2007, the Tribe engaged a further traffic study to examine the impact of further economic development on the carrying capacity of Exit 236, Bow Hill Road and Darrk Lane. This new study was prepared by Transportation Solutions, Inc. (TSI).

The study submitted with this assessment found that projected traffic volumes including the currently proposed recreation and hospitality facility would, in general, be no greater than the traffic volumes previously studied as part of the 1995 Entranco study for the casino. The new traffic study concludes that "the proposed hotel and water park would not result in any foreseeable significant adverse impacts to the local road system that would require mitigation." (TSI, 2010).

In determining the traffic effects under the Action Alternative, the Tribe retained Transportation Solutions, Inc. (TSI 2010) to examine estimated number of customers, estimated number of employees, the likely route of both customers and employees to the site, and existing traffic conditions. Based on the traffic study (TSI 2010), it is estimated that the proposed facilities would generate approximately 99 new PM peak hour trips, approximately 79 new AM peak hour trips and at total of 988 new daily trips. In addition, the Level of Service at the Bow Hill Road / I-5 Interchange would not be adversely affected by the new facilities. As described in the Traffic Study:

The PM peak hour traffic volumes generated by the proposed hotel do not adversely affect any of the study intersections. At the Bow Hill Road at I-5 southbound ramps the southbound approach (off-ramp) increases delay by 3.2 seconds and drops from LOS-C to LOS-D.....It is perfectly acceptable to have an approach to a two-way stop-controlled intersection operate at LOS-D during the peak hour and the 3 second increase in delay would not be noticeable to the typical motorist.

3.11 AIR QUALITY

Regulation of air quality in Washington State involves the cooperative efforts of Federal, State, Tribal and local government agencies. The Washington Department of Ecology (WDOE) has overall statewide authority for air quality, and has primary responsibility for protecting local air quality in areas where no local authority exists. The Northwest Washington Clean Air Agency (NWCAA) has primary responsibility for air quality in Skagit and Whatcom Counties (WDOE, 1993), and therefore within the Bow Hill Area. The Tribe has not chosen to pursue this authority for the Reservation as of this date.

NWCAA and WDOE monitor ambient air concentrations for several criteria pollutants, including total suspended particulates, fine particulate matter, carbon monoxide, ozone, nitrogen oxides, and sulfur dioxide. Skagit County is classified as in attainment of the ambient air quality standards (AAQS) for all of these criteria pollutants (personal communication with A. Franzmann, NWCAA, 2010). Based on the attainment status and monitored pollutant readings well below the standards, existing air quality in the Bow Hill Area and the remainder of Skagit County can be considered generally good. Sources of air emissions, including greenhouse gases, within or near the project area include the Tribe's casino, motor vehicles, plowed fields, and burning of logging residue. The existing vegetation on the Land serves as a sink for carbon, potentially reducing the cumulative effects of greenhouse gas emissions.

3.12 PUBLIC SERVICES/INFRASTRUCTURE

3.12.1 WATER

A nearby public water system operated by Skagit County Public Utility District No. 1 (PUD) has a water line running to the Bow Hill Reservation. As per the Memorandum of

Agreement signed September 1996, the Skagit County Public Utility District provides 0.75 mgd water to the Upper Skagit Tribe for Bow Hill Reservation. This water is available to the Land.

3.12.2 SEWER

An 8-inch sanitary sewer transmission line operated by Samish Water District serves the Bow Hill area and crosses the northern parcel of Tribal land at the Bow Hill Reservation. A 12-inch force main, with over 250,000 gallons of capacity is located on the Reservation parcel and is available to the Land. Sewage is transported via this line to the City of Burlington sewage treatment facility. The City of Burlington has sufficient capacity at its sewage treatment facility to treat wastewater generated from the hospitality facility project.

3.12.3 SOLID WASTE

The Land and the adjacent and contiguous Bow Hill Reservation is located within the solid waste collection territory of Rural Skagit Sanitation, a private waste hauler. Solid waste collected from the Reservation is transported to the Skagit County-owned solid waste collection station, located approximately 14 miles southwest of the Bow Hill area.

3.12.4 EMERGENCY SERVICES

Police protection is afforded by the Upper Skagit Police Department. Presently there are four law enforcement officers available. The police station is located on the Tribe's Helmick Road Reservation, approximately 12 miles from the Action Alternative site. The maximum emergency response time between the Land and the Helmick Road Reservation is approximately 15 minutes (personal communication with Paul Budrow, Chief, Upper Skagit Tribal Police, Sedro-Woolley, Washington, January 6, 2010). In addition, the Skagit Valley Casino Resort maintains a security force which can assist during times of emergency.

Fire and emergency response for the Land and the Bow Hill Reservation is provided by the Skagit County Fire District # 14 on a fee for service basis. Maximum emergency response times for fire and ambulance services are approximately 9 minutes (personal communication, D. Costanti, Skagit County Fire District # 14, January 12, 2010).

3.12.5 POWER AND TELEPHONE

Puget Sound Energy, a private utility company, provides power to the Bow Hill Reservation, the Land and all of Skagit County. Three-phase power is located at the Reservation and available to the Land. Darrk Lane is also served by single-phase electric power. Verizon provides local telephone service to the Bow Hill Reservation and is available to the Land.

3.13 RECREATION

The proposed site is near the North Cascades, Puget Sound and San Juan Islands, all prime recreation areas. In addition, Skagit County maintains 17 public parks that offer a variety of recreational opportunities. The closest park to the Land is Pomona Grange Park which is located approximately 1 mile east of the site on Old Highway 99 North. Private-sector commercial recreational facilities within an approximately 1-mile radius include the Thousand Trails campground; the Skagit Speedway (an auto racing venue), which is located north of the Land on Old Highway 99 North; a Kampgrounds of America (KOA) campground (120 sites) located south of the project site on Old Highway 99 North; and the Avalon Golf Course located approximately 2 miles south of the Land near Old Highway 99.

The Thousand Trails campground is located directly north of the Land. The 280-acre facility is open April through September and has 230 full-serviced campsites.

3.14 AESTHETICS

The Land is currently partially developed, with roadway and utilities, and contains a mixture of vegetation types, some of which have been altered to varying degrees. The primary viewers of the Land are guests at the Tribe's Hotel and Casino on the Bow Hill Reservation and campers driving past the site on Darrk Lane to the Thousand Trails campground. The campground is adjacent to the Land on the north. Views of the Land from within the campground are screened by vegetation. The bulk of the Land cannot be seen from the campground.

Interstate 5 is located immediately west of the Land and the Bow Hill Reservation. Trees and shrubs along the edge of the right-of-way screen views of the interior of the site from Interstate 5. The Land is not visible from the former retail seafood outlet located west of Interstate 5 adjacent to Bow Hill Road, or from two nearby residences, all of which are now owned by the Tribe. Visual elements from this location toward the site include Interstate 5, the southbound Interstate 5 exit ramp to Bow Hill Road, light standards along the exit ramp, and light standards for the former retail fish outlet parking lot.

One single-family detached dwelling is situated on the east side of Darrk Lane just north of the casino parking lot. Views of the land from this residence are screened by vegetation. A small residential subdivision is located east of the Land immediately adjacent to the proposed Project site. Views of the Land from the subdivision lots is limited due to local topography which slopes down to the east from the Land.

3.15 NOISE

The Land is located east of the Bow Hill Reservation which, in turn, is located east of, and adjacent to, the Interstate 5 right-of-way. Freeway traffic noise is blocked by the Casino and

Hotel, but can be heard from Darrk Lane. There are currently no structures or noise sensitive receptors at the Land, nor are there any noise generating facilities. The nearest general aviation airport is located over five miles to the southwest near Bayview, Washington; and the nearest railroad is located over two miles to the south where the Burlington Northern and Santa Fe Railway Company tracks cross Interstate-5 just north of Cook Road.

The Thousand Trails campground, an occupied house, and two residences west of Interstate 5 together with a subdivision to the east are the only uses or structures located within one-half mile of the proposed project that might be classified as noise sensitive. The single-family dwelling is located west of the Land on the east side of Darrk Lane. The properties west of Interstate 5 will not be affected by any noise component, even when the project is built. Potential noise impacts on the small residential subdivision located to the east of the Land are limited by the topography of the area, which slopes down to the east from the Land. It is the plan of the Tribe to build a noise and light landscaping / screening barrier to reduce and / or eliminate any noise or light impacts from the project site.

Noise is customarily measured in decibels (dB), units related to the apparent loudness of sound. An A-weighted decibel (dBA) represents sound frequencies that are normally heard by the human ear. On this scale, the normal range of human hearing extends from about 3 dBA to 140 dBA, with speech normally occurring between 60 and 65 dBA. A 10 dBA increase in the level of a continuous noise represents a perceived doubling of loudness, whereas a 3 dBA increase is just noticeable to most people (Hessler and Associates, Inc., 1993).

Because of the presence of Interstate 5, noise levels at the Bow Hill Reservation are higher than noise levels typically found in rural areas, which range from 40 dBA during the day to 30 dBA at night (see Table 3-1). These noise levels, however, are greatly reduced at the Land

as a result of the development on the Bow Hill Reservation. Staff from the WSDOT Noise Program estimated the likely peak (Leq) daytime noise level at a site 400 feet from the center northbound lane of Interstate 5 (which is approximately the distance to the center of the Casino facility site) at 64 dBA, (personal communications with T. Coats, Washington State Department of Transportation, Olympia, Washington, July 22, 1994). The estimate was based on several assumptions involving traffic volume (average annual daily traffic of 33,000), traffic composition (91.3 % automobiles and 8.7 % trucks), speed {65 mph), peak hour traffic volume (8.1 %), and a straight line-of-sight between the Bow Hill Reservation and the center lane of Interstate 5. In a recent contact, WSDOT staff indicated that reanalyzing this case with a increased freeway traffic volume (46,000) and as a result of existing casino and hotel facilities would result in a corresponding noise level of about 50 dBA at 900 feet from the centerline (personal communication, E. Combs, Washington State Department of Transportation, Olympia, Washington, January 12, 2006).

Table 3-1 Typical Noise Levels by Type of Setting.

Setting	Daytime	Nighttime
Rural Areas	40 dBA	30 dBA
Suburban Areas	45 dBA	35 dBA
Busy Urban Areas	50 dBA	35 dBA

Source: Duerden, 1971

3.16 CULTURAL RESOURCES

The Tribe retained Equinox Research and Consulting International (ERCI), to study the cultural resources potentially affecting the proposed development site. ERCI produced a report on March 8, 2005, indicating that no cultural or historic sites were identified through archival

research using state and federal database (ERCU, 2005). In preparing their report, ERCI also conducted a field investigation.

The most northerly portion of the project area has an old access road built from Old Highway 99. The timber has been cut in the last 25 years, with some original stumps left in place. A zig-zag pedestrian survey was conducted in transects from south to north and then followed the old road out and tested along a distinct landform. The survey examined a variety of locations, including without limitation, those associated with the old road, the center of the lot and south to the existing access road and buildings located in the central portion of the Land. No protected cultural material was identified. The central part of the property has been logged in the past 25 years. Much of the area was cleared after logging and some has young deciduous growth. No shovel test holes were dug as there was no significant landforms deemed of high potential for cultural resources. In much of the property, logging activities have disturbed much of the surface. With respect to the Land and adjacent properties, an unimproved road enters the central property from North Darrk Lane to access the buildings near the west side of the Land. Shovel testing was employed in this area as the southern boundary follows a distinct landform overlooking Jarman's prairie.

Bow Hill Road is part of the southern boundary and like many modern roads may have followed an old road or even older trail system. No cultural material was identified in the 16 holes dug along this landform. The rest of the adjacent southern area was covered with a pedestrian survey. This section of the property has two distinct zones. The east half is a leveled and grassed parking area and the western half is forested with a small north-south creek running through the property. The western half also had recent restoration work along the north end of the creek that includes a small gravel trail and other stream clean up. Shovel test holes were

excavated along the west side of the ravine and the rest of the forested area had a pedestrian survey. No protected cultural material was identified in the shovel probes or the pedestrian survey. However, there was an interesting historic dump encountered in this area. The dump is likely related to either the old Bow Hill Road that followed the existing Darrk Lane or a use area or habitation, although no evidence of a structure was found. The refuse dated from sometime in the late 1930s or 1940s through the 1960s.

The ERCI field investigation did not identify any protected cultural resources within the area of potential effect. In addition to the above, there are no historical structures on the Land.

4.0 ENVIRONMENTAL CONSEQUENCES AND MITIGATION

Sections 4.1 through 4.16 address the environmental consequences and proposed mitigation associated with the Action Alternative. The environmental consequences of the No Action Alternative are summarized in Section 4.17, and a comparison of the environmental consequences of these two alternatives is presented in Section 4.18.

4.1 GEOLOGY, TOPOGRAPHY AND SOILS

The adjacent trust lands / Reservation have had significant construction activities in the past with minimal environmental consequences. The proposed Action Alternative would have no greater or more long-lasting environmental consequences that would be experienced as a result of any short-term construction project.

Based upon prior experience and the current conditions, constructing and operating the proposed project would have no impact on the underlying geology at the Land. The local topography would be altered very slightly by surface grading (cutting and filling) needed to prepare the site for construction.

Construction of the project would disturb approximately 42 acres of the land surface at the Land, and could cause a minor temporary increase in soil erosion. Soil compaction from construction equipment, clearing of vegetative cover and development of impermeable surfaces during construction would increase surface runoff from the site. However, the relatively flat topography of the site and the soil type present indicate that the natural erosion hazard would be relatively low (Pacific Survey and Engineering, 2009). In addition, a construction erosion and storm water control plan would require the use of proper erosion control practices during construction.

Approximately 25 acres of the project site would be mostly covered with impermeable surface materials after construction is complete. The addition of impermeable surfaces could increase runoff velocity and quantity, and thereby increase the potential for erosion at the site and downstream without preventive action. The storm water drainage plan for the project incorporates a series of detention ponds or swales to contain and slow runoff from the project site (per current WSDOT standards). By collecting, conveying, and slowing down water from typical 2-, 10-, and 100-year, 24-hour storm events, the potential for on-site and downstream erosion during project operation would be minimal.

The proposed recreation and hospitality facility incorporates a construction erosion and storm water control plan and a drainage plan for the project operation phase. These plans would ensure the use of appropriate erosion control best management practices (BMPs) during the construction period, including, but not limited to, development of construction access road, use of filter fences, straw bales and temporary sedimentation ponds, and permanent stabilization upon completion of construction. All impervious surfaces will discharge to and through a proposed stormwater management facility that is consistent with the engineered stormwater control plan. Furthermore, stormwater from roadways, building and parking areas, and other related aspects of the proposed facility will be tied back into the currently existing adjacent stormwater management facilities with no additional adverse impacts. No additional mitigation measures would be needed. Therefore, utilizing these best management practices, erosion and other stormwater-related impacts during construction and operation of the project are not expected to be significant.

The GeoEngineers geotechnical engineering report (2007) concluded that the Project “may be developed satisfactorily as planned with respect to geotechnical issues,” provided that

certain settlement and foundation considerations are incorporated into the final design. Specific footing designs and the use of pile foundations extending into stable sub-surface layers have been incorporated into project construction plans where appropriate.

4.2 CLIMATE

In general, effects to climate as a result of this project are not expected to be significant in light of the small scale of the proposed hospitality facility. Furthermore, the waterpark is an enclosed, year-round facility and will not impact the climate because of its enclosed nature.

The Project could contribute to climate change based on a relatively small contribution to cumulative greenhouse gas (GHG) emissions. In a Technical Memorandum (July 12, 2010), Element Solutions identified potential sources of greenhouse gas emissions associated with the Project and attempted to quantify the annual emissions resulting from the lifespan of the Project. Potential sources of emissions considered included: emissions associated with obtaining construction materials, emissions from fuels used during construction, emissions from energy used during Project operation, and emissions related to transportation by building occupants.

Element Solutions utilized the King County [Washington] Department of Development and Environmental Services SEPA GHG Emissions Worksheet “to provide an approximated assessment of GHG emissions that might be caused by the project over its lifetime.” (Element Solutions, 2010). Based on its analysis of the Project, Element Solutions (2010) has estimated that the Project will produce on the magnitude of 4,100 million tons of carbon dioxide equivalency (MTCO₂e) per year over the lifespan of the Project. This quantity is considerably less than the 25,000 MTCO₂e figure suggested by the Council on Environmental Equality as the threshold for needing to prepare an in-depth qualitative analysis.

Based on the assessment prepared by Element Solutions (2010), the Project has the

potential to add to the cumulative contribution to global climate change. Several factors may serve to mitigate some of these potential impacts. First, the development of the recreation and hospitality facility may result in a net reduction of trip length for some customers traveling to the new facility who would otherwise need to travel greater distances to reach a similar facility. The fact that the recreation and hospitality facility will include the collocation of recreational, commercial, conference and hospitality facilities, all in close proximity to other facilities, such as the Skagit Resort, could reduce the number of trips undertaken as customers combine trips to reach a single destination with multiple attractions.

Although some vegetation will be removed from the land to develop the Project (potentially reducing the capacity of the environment to store carbon), the great majority of existing on-site vegetation will not be disturbed and substantial re-planting of native vegetation has been proposed in conjunction with wetland mitigation and the establishment of a vegetated buffer along the eastern boundary of the Land. In addition, approximately 61 acres of undisturbed land (combined upland and wetland complex) with intact vegetation will be permanently preserved through implementation of the proposed wetland mitigation plan. Based on the assessment of annualized emissions and the potential mitigation measures included in the Project, it is likely that impacts to the environment due to increased emissions of greenhouse gases related to development of the proposed recreation and hospitality facility will not be significant.

4.3 WATER RESOURCES

Construction of the proposed recreation and hospitality facility would not be likely to significantly affect water quality because the site is fairly flat, and a construction storm water control plan would be implemented as part of the project. Stormwater control best management

practices (BMPs) to be used during project construction will include, but not be limited to, development of construction access road, use of filter fences, straw bales and temporary sedimentation ponds, and permanent stabilization upon completion of construction. Expected water quality effects on surface waters from operation would also be insignificant.

The facility drainage plan has been prepared by Pacific Survey and Engineering and includes a detailed storm water system designed to trap pollutants washed into the system from throughout the site (primarily parking areas). While the Tribe uses the International Building Code, the storm water system will meet both County and State standards.

The storm water detention system entails the construction of two detention/treatment ponds or swales for the site. The most practical location for these ponds is the southwest corner, east of Darrk Lane. A treatment swale system will also be constructed on the parking site east of Darrk Lane (see figure 4-1). Storm water from all developed portions of the site will be treated in these facilities before being released to downstream ditches and streams. For all practical purposes, the post- development flows will be indistinguishable from pre-development flows in both quantity and quality.

The Tribe will, pursuant to best management practices, monitor water quality conditions on and adjacent to the Land during construction and through 3 years of project operation. Monitoring will be conducted according to a water quality monitoring plan prepared by the Tribe.

4.4 VEGETATION

Approximately 42 acres of existing vegetation on the project site would be removed for construction of the recreation and hospitality facilities and parking areas. Upland vegetation to be removed includes regenerating deciduous trees, primarily alders with limited growth. Such

vegetation will be removed from the site without damaging adjacent vegetation. Where applicable the vegetation would be ground and / or disposed of in an environmentally appropriate manner.

Vegetation around the perimeter of the site would be left intact where possible, to limit the extent of site clearing. Organic soils removed from building foundation and parking areas during site grading would be stockpiled for later use in landscaped areas.

4.5 WETLANDS

A total of approximately 4.94 acres of wetlands in the project area would be filled during construction of the project (see figure 4-2). As set forth in the *Mitigation Plan* prepared by Aqua-Terr Systems, Inc. (2008), the Tribe will mitigate for this filling at other locations in the project area. The project will require an individual Department of the Army, Corps of Engineers permit because the total wetland fill area is over 1 acre. The siting of the construction is set forth on figure 4-2. This is the area of wetlands that would be filled. In addition, figure 4-3 shows the areas where the mitigation will occur. This mitigation consists of creating and enhancing 8.91 acres of wetlands to replace the areas filled in. The enhancement and / or creation of the wetlands will include the use of native tree and shrub vegetation that is typical of this area.

Project mitigation will also include preserving approximately 61 acres of wetland / upland complex within the Land by identifying such areas as native growth protection areas. Finally, the Tribe will insure that the wetland process will proceed in an environmentally sensitive manner to reduce the impacts from the project.

4.6 FISH AND WILDLIFE RESOURCES

The project would not be expected to have any adverse effects on fish resources. The upper reaches of Bob Smith Creek within the adjacent Bow Hill Reservation are seasonally dry

and do not support fish. As a result of the use of retained and enhanced wetlands, constructed bio-swales and storm water collection procedures, the potential for adverse impacts to fish resources that may be present in the lower reaches of the creek would be significantly reduced. Additionally, the previous implementation of similar systems on the adjacent Reservation site supports this proposition that adverse impacts will be minimal or non-existent through erosion control, storm water retention, and water quality monitoring measures that are incorporated in project plans.

The project would result in both temporary and permanent impacts to wildlife. Construction of the project would result in the loss of minimal amounts of deciduous and coniferous forest on the Land, including approximately 4 acres of wetland wildlife habitat, which would be mitigated. Permits from both the Corps of Engineers and the Environmental Protection Agency will be required for the wetland disturbances. Wetland mitigation will occur on an approximate 60-acre parcel directly north of the project.

Construction and operation of the recreation and hospitality facility would also increase the level of human activity and noise at the site, leading to additional avoidance of the area by wildlife species. Some species such as black-capped chickadees, that are tolerant of human disturbance, are likely to use remaining habitat close to the facility. Other species might avoid the area entirely. Given the current high level of noise and activity near the freeway and the Casino, and the abundance of similar wildlife habitat in the vicinity of the area being displaced, the additional impact created by the proposed project is expected to be minimal.

The project would not affect primary habitat for bald eagles. As discussed in Section 3.6, the closest known bald eagle nest is approximately 1.5 miles from the project and the closest known area where bald eagles congregate is over 5 miles away. (WDFW letter January 27, 2006

as confirmed by ATSI, 2010).

4.7 THREATENED AND ENDANGERED SPECIES

The project would not affect primary habitats for marbled murrelets or northern spotted owls. Representatives from FWS and WDFW who visited the Bow Hill Reservation previously agreed that the hospitality facility site does not contain habitat suitable for the northern spotted owl or the marbled murrelet.

Operation of the recreational and hospitality facility would increase the human presence at the Land. Because of the habitat conditions present, however, as a result of the adjacent development and this development, birds of the above-mentioned threatened species are not likely to use the site and the project would be unlikely to affect any of the species (letter from D. C. Frederick, FWS, Olympia, Washington, September 15, 1994 and letters from J. Bernatowicz and A. G. Stendall, biologists, WDFW, July 25, 1994). The northern goshawk, spotted frog, and mountain quail do not occur on the Land or the Bow Hill Reservation. Because of habitat requirements and species use characteristics (see Section 3.7), no adverse impacts to these candidate species are expected.

No fish-bearing streams are located on the Land or on the adjacent Bow Hill Reservation. The closest fish-bearing stream is located over one-half mile from the Project site. Salmonids that are known to be present in the Samish River and in the lower reaches of Bob Smith Creek do not have access to upstream tributary and headwater areas due to the presence of a blocking culvert located at Bow Hill Road.

Aqua-Terr Systems, Inc. (ATSI) prepared a Biological Assessment (BA) addressing development of the proposed recreation and hospitality facility. The BA included a "No Effect" finding, stating that the proposed development would likely have no effect on threatened or

endangered species or their habitat or on essential fish habitat (ATSI, 2010).

The project would not affect primary habitats for endangered, threatened or sensitive (ETS) plant species. As discussed in Section 3.7, there is no evidence that any ETS plant species are located on the Land or the Bow Hill Reservation.

4.8 SOCIOECONOMICS

4.8.1 POPULATION

Although the Action Alternative would create approximately 350 new jobs, the recreation and hospitality facility would be expected to have little or no effect on the population of Skagit County or the Land. A portion of the jobs created would be held by the overall Tribal community, and most of the remaining jobs are expected to be filled by local residents. Skagit County has been averaging 3,400 unemployed residents per month in the second half of 2005 (EDASC, 2006) so the local labor force should be able to fill the project jobs from the existing pool of available labor. Therefore, the project is not expected to trigger significant immigration.

4.8.2 EMPLOYMENT

The Action Alternative would have a significant long-term beneficial impact on the economy of the Tribe, Skagit County, and northwest Washington. These impacts would provide workers and vendors with disposable income, thereby increasing money in the overall County and State economy. Such revenues would increase the ability of the local and state entities to collect increased tax revenues and the region would benefit from further economic development and the provision of governmental services.

The proposed project would not represent such a large-scale construction effort that would have significant adverse employment-related effects on the local economy. The scale of

the proposed hospitality facility is such that it would likely be one of several moderate-sized commercial developments active in western Skagit County at the time of development. The project would provide a temporary source of employment for a small fraction of the existing construction labor force in the local labor market. This labor market includes approximately 3,410 existing construction jobs in Skagit County, plus additional construction employment in adjacent areas of Snohomish and Whatcom Counties. The project would generate approximately 60 temporary construction jobs.

The Upper Skagit Indian Tribe is currently one of the largest employers in Skagit County. The Action Alternative would create about 350 new full-time operation jobs at wages comparable to or better than typical local wage levels. The new jobs at the recreation and hospitality facility would represent approximately 1.0 % of existing total employment in Skagit County and about 3.0 % of existing employment in the trade and services sectors. Most of the operations positions at the recreation and hospitality facility would likely be filled by current residents of Skagit County (both Tribal members and non-members) and nearby Whatcom and Snohomish Counties. The Tribe's employment preference policy for this project includes local residents to increase the likelihood that employment benefits remain at a local and regional level.

Overall, the project would directly create a small long-term increase in trade and services employment within the local labor market, which is considered a positive impact. The project would also indirectly support additional employment increases primarily in the trade and services sectors, through the multiplier effect. The increased payroll from employment and the increased services, including, without limitation, food and beverage vendor services would support this multiplier effect, sometimes estimated at \$4.00 to \$8.00 for every \$1.00 of expenditures or wages.

The new long-term jobs created by the Action Alternative amount to approximately 10 % of the 2005 Skagit County unemployed labor force. Therefore, the operation of the project is likely providing jobs for currently unemployed workers in Skagit County and adjacent areas. Because the new employment opportunities created by the Action Alternative will be non-gaming jobs, the Action Alternative will especially benefit Tribal members and others from the local area who are unable to obtain employment in the gaming industry due to restrictions related to the need to obtain gaming licenses.

4.8.3 INCOME

Construction-related jobs would produce an estimated \$25.0 million direct increase in income for construction workers, the majority of whom would come from Skagit County or elsewhere in northwestern Washington. The Tribe would use local contractors and material suppliers whenever practical and feasible. Therefore, much of the estimated \$ 115 million project construction cost would be spent in northwestern Washington and benefit the regional economy.

Operating the recreation and hospitality facility would have significant, long-term direct and indirect positive income effects on the local and regional economies. The economic variables that would be influenced include total personal income, labor income in various economic sectors, taxable retail sales, and sales tax revenues.

Total personal income in northwest Washington is also estimated to increase as a result of the Action Alternative by \$6 million annually during the early years of operation, and is expected to increase to approximately \$8 million by the year 2012.

While many sectors would experience growth in income as a result of the project, somewhat more than three-quarters of the total effect would be concentrated in the services sector (which includes recreation). Taxable retail sales in northwest Washington would also

experience a strong positive effect. The proposed hospitality facility would directly benefit the Tribe and is expected to eliminate some of the general state of poverty and also impact the jobless rate in Skagit County, all within a fairly short period of time. These jobs within the service and hospitality industry require less-skilled workers and would also include workers who might not qualify for jobs requiring licensing at the Casino. Of the 350 jobs created by the project, a significant portion would be filled by the tribal community. Jobs created by the project would offer employment opportunities to a high percentage of the tribal community, even those with lesser job skills. The Tribe intends to use a portion of the expected net profits to assist tribal community members in, among other things, developing job skills through education, job readiness, add work experience programs.

The Project would be expected to have a positive effect on issues related to environmental justice. First of all, the Project is not located in an economically blighted area within Skagit County. Thus, the Project would not result in the siting of a major facility at a location that would result in disproportionately greater impacts on low-income or specific minority groups. More importantly, the Project will result in significant benefits to the Upper Skagit tribal community, many of whom currently live in low-income or extremely low-income households. Increased access to employment and the corresponding increase in household incomes will significantly benefit this currently disadvantaged segment of the community.

4.9 LAND USE

Long-term impacts to land use at the Land would result from developing approximately 42 acres for the recreation and hospitality facility from a predominantly undeveloped state. The one existing structure would be removed; however, the removal of this structure is not anticipated to result in any adverse effects because the structure does not contain potentially

hazardous materials such as lead-based paint or asbestos (Pillar To Post, 2010).

Wetland impacts as well as wetland mitigation will also result from the development. Based on the extent of the area affected, these land use changes would not represent a significant local impact.

The Action Alternative could intensify land use at the Bow Hill interchange, and could induce further development on nearby lands. However, non-tribally owned lands are subject to the Washington State Growth Management Act, RCW 36.70A, which limits growth of commercial businesses outside of designated urban growth areas. These non-trust lands are also subject to local zoning, which is currently Rural Reserve and Rural Resource (Agriculture), and associated zoning regulations that do not allow commercial uses. These regulatory conditions will serve to limit additional commercial development and will effectively prohibit unplanned expansion and sprawl of commercial development in the area that might otherwise be induced by development of the Project.

In addition to the above, the Tribe owns virtually all of the lands immediately adjacent to the Bow Hill interchange. A number of these fee properties are owned by the Tribe and are already designated commercial by Skagit County. These properties would be the areas most likely affected by future land use intensification, and such commercial expansion would entirely consistent with state growth management statutes and local comprehensive plans and development regulations.

A further limiting factor for additional commercial development in the Bow Hill area is the availability of wastewater treatment service. For other than the Tribe's project, additional wastewater treatment availability at the City of Burlington may not occur until after facility expansion, expected some time after the year 2010. Skagit County designation of other lands in

the immediate area as rural will also limit development because Skagit County has a policy that disallows extension of urban-level services into rural areas and sanitary sewer service is considered to be an urban-level service.

4.10 TRANSPORTATION

To determine the traffic effects under the Action Alternative, the Tribe retained Transportation Solutions, Inc. (TSI) to examine estimated number of customers, estimated number of employees, the likely route of both customers and employees to the site, and existing traffic conditions. Based on the traffic study (TSI, 2010), it is estimated that the proposed facilities would generate approximately 99 new PM peak hour trips, approximately 79 new AM peak hour trips and at total of 988 new daily trips. In addition, the Level of Service at the Bow Hill Road / I-5 Interchange will not be adversely affected by the new facilities. As described in the Traffic Study:

The PM peak hour traffic volumes generated by the proposed hotel do not adversely affect any of the study intersections. At the Bow Hill Road at I-5 southbound ramps the southbound approach (off-ramp) increases delay by 3.2 seconds and drops from LOS-C to LOS-D.....It is perfectly acceptable to have an approach to a two-way stop-controlled intersection operate at LOS-D during the peak hour and the 3 second increase in delay would not be noticeable to the typical motorist.

Similar or better results were found at the other approaches to the hotel and waterpark site. As a result, the Traffic Study concluded that “the proposed hotel and water park would not result in any foreseeable significant adverse impacts to the local road system that would require mitigation” (TSI, 2010). (The scheduling of hospitality facility events, customer and employee bus transportation service, and staff shift changes, will be utilized to minimize and regulate traffic effects under the Action Alternative.)

It should also be noted that the traffic volumes studied and planned for in conjunction

with development of the tribal casino were conservative (high) enough that the volumes anticipated including the new hospitality facility will, in general, be less than those previously studied and planned for. [See Figure 4-3 from the 1995 Environmental Assessment prepared by the Tribe for the casino, which shows the estimated (with casino) 1995 peak hour volumes at intersections in the project vicinity presented in the 1994 Entranco traffic study.]

In addition, the previous Bow Hill area road improvements made at the time of the construction of the Tribe's existing casino and hotel addressed increased traffic volumes and the existing Bow Hill Road / Darrk Lane Intersection sight distance limitations. Through these improvements, safe and efficient traffic operations were achieved that are sufficient for the Action Alternative. Thus, no additional mitigation related to the existing transportation system and associated infrastructure are necessary to accommodate the Action Alternative.

4.11 AIR QUALITY

Construction of the proposed project would result in two types of air emissions at the Land adjacent to and contiguous with the Bow Hill Reservation. Motorized construction equipment would produce small quantities of carbon monoxide, ozone, and nitrogen oxides as combustion by-products. Construction traffic and wind would also generate blowing dust from disturbed areas at the Land. Dust emissions can be controlled through regular watering of disturbed areas. Both types of emissions would be minor, highly localized, and short term. Therefore, the expected effects of project construction on air quality would not be significant in the Bow Hill area, which is in attainment of the federally mandated, ambient air quality standards or AAQS.

During operation, the existing casino and hospitality facility generate as many as 3,110 average daily trips. The introduction of this additional traffic would only marginally increase the

volume of air emissions in the vicinity of the Land and the Bow Hill Reservation. However, this increase must be considered within the context of existing traffic levels and emissions patterns. An estimated daily average of 44,000 light and heavy vehicles pass by the Land on Interstate 5 per day (WSDOT, 2007). Additional existing local daily traffic has included approximately 1,300 vehicles on Bow Hill Road, 550 vehicles on Darrk Lane, and about 3,000 vehicles on Old Highway 99 (Entranco, 1994). The local increase in traffic and vehicle emissions contributed by the hospitality facility would be small relative to the existing local levels of traffic and vehicle emissions. Therefore, it is reasonable to assume that the small increase in vehicle emissions attributable to the hospitality facility would not perceptibly decrease short- or long-term air quality in the Bow Hill area, which is in attainment of the AAQS.

See Section 4.2 Climate for a discussion of the potential impacts and proposed mitigation related to climate change and the Project's potential to contribute to cumulate emissions of greenhouse gases.

4.12 PUBLIC SERVICES/INFRASTRUCTURE

The proposed recreation and hospitality facility development is not expected to have any significant adverse impacts on local public facilities and services as indicated by the appropriate public officials contacted with regard to the project (see Section 5.0 Consultation and Coordination). Skagit County Public Utility District No.1 (PUD) has available water and will provide water service to the Land via existing roads and utility right-of-ways (Letter from Skagit County Public Utility District No. 1 dated April 14, 2010). The Action Alternative is expected to use 50,000 gallons of water per day for domestic and water park use. Water utilized in the water park facility will be recycled and reused, and it is estimated that only about 4% of total water use will be lost during operation, primarily due to evaporation. The fire flows needed will be

accommodated by the one million gallon storage system currently servicing the Bow Hill Reservation parcel.

The Action Alternative would be expected to generate approximately 30,000 gallons of wastewater per day and use existing wastewater transmission lines and treatment facilities of local jurisdictions. The Tribe would connect the hospitality facility discharge to the Samish Water District's 8-inch transmission line at the project site. The Tribe has agreements for services with the local transmitter of sewage waste, Samish Water District, and the operator of the local treatment facility, the City of Burlington, with regard to access to these services. (As a result of prior agreements and available capacity, private utilities will not be affected by the project.) (Letter from Samish Water District dated April 9, 2010 and Letter from City of Burlington Sewer Department dated March 5, 2010).

Because of the size and intended construction materials and design, and the availability of required fire flows; the recreation and hospitality facility would not add measurably to the demands for local fire protection (personal communication with D. Cain, Skagit County Fire Marshal, Mount Vernon, Washington, January 13, 2010). It is anticipated that security personnel will supplement Tribal police to provide security and police functions for the proposed recreation and hospitality facility.

4.13 RECREATION

Since the primary emphasis of the recreation and hospitality facility is on the indoor waterpark, its development would have minimal impacts on existing recreational facilities and activities. This facility will be unique to the Skagit County and adjacent areas. The insignificant impacts that would occur would primarily be limited to the construction period.

Based on the nature of the Action Alternative and its geographic relationship to existing

recreation resources, the Thousand Trails commercial campground is the only resource that would be affected. Other recreation facilities in the general project area operated by Skagit County or the private sector would not be affected by the project. Impacts at the Thousand Trails campground would primarily consist of minor disturbance and inconvenience during construction of the project. Construction traffic, noise, and dust would be noticed by campers driving past the construction site to the Thousand Trails campground, and brief travel delays might be encountered during selected types of construction activities. Campers at the Thousand Trails campground will also likely benefit from the Action Alternative due to the anticipated day-use policy that will allow those campers staying at the campground to access the waterpark facilities even though they are not guests at the hotel.

4.14 AESTHETICS

The 125,000 square foot hospitality facility would be sited in the eastern part of the project area east of Darrk Lane. The building would be designed to provide an aesthetically pleasing complement to the existing structures built on the Bow Hill Reservation. The hospitality facility would be surrounded on the west and south sides by parking areas and landscaping. The design of the recreation and hospitality facility will substantially lower its visual profile. Two out of the proposed five stories included in the tallest portion of the structure will be constructed below the current grade of the site. Thus, when viewed from the east, the structure will appear no taller than a three-story building.

The recreation and hospitality facility would be visible from Darrk Lane, but not visible from Bow Hill Road or I-5. The development on the Reservation adjacent to the recreation and hospitality facility has already created a commercial visual image and the recreation and hospitality facility would not change the visual character of the parcel. The recreation and

hospitality facility would not be visible from the former retail seafood outlet and two nearby residences located west of Interstate 5 (all of which are owned by the Tribe), nor to motorists driving on the Bow Hill Road overpass.

The primary viewers of the Land are guests at the Tribe's Hotel and Casino on the Bow Hill Reservation, campers driving past the site on Darrk Lane to the Thousand Trails campground, and residents of the adjacent subdivision located to the east of the Land. The campground is adjacent to the Land on the north. Views of the Land from within the campground are screened by vegetation. The bulk of the Land cannot be seen from the campground.

At night the recreation and hospitality facility would be more visible due to lights from the building and parking lot. The visual impact of increased nighttime light levels, however, would be expected to be minor given the existence of the Casino and Hotel in the immediate vicinity to the west. Therefore, the addition of lighting from the recreation and hospitality facility would not be a significant change to the nighttime visual character. With respect to the subdivision to the east, although the light level may still be minimal for that area, the Tribe intends to create a vegetation buffer / landscaping screen to minimize or eliminate that impact as well. As described above, the proposed design of the facility includes constructing two of the five stories of the tallest structure below existing grade. This design feature plus the fact that the surrounding topography slopes downhill to the east will substantially limit and improve views of the Project from the east.

The following design features and best management practices would help soften views of the recreation and hospitality facility and visually tie the facility to the surrounding landscape:

- Construct lowest two stories below existing grade.

- Use native plants when possible when landscaping.
 - Heavily plant landscaped areas along Darrk Lane to screen parking areas.
 - Maintain as much of the natural vegetation as possible between Darrk Lane and the hospitality facility to frame and soften the view of the facility.
 - Use low-intensity exterior lighting and down-lighting to reduce light production from the facility;
 - Construct a 5-10 foot high berm along the eastern boundary of the Land adjacent to the residential subdivision;
 - Establish a 25-foot wide vegetated buffer along the eastern property boundary of the Land adjacent to the residential subdivision using a double row of native conifer trees.
- See figure 4-4.

Based on the degree of landscape modification created by the recreation and hospitality facility and the benefits of the design measures listed above, the aesthetic impacts of the project would be minimal.

4.15 NOISE

Construction and operation of the proposed recreation and hospitality facility would produce additional noise at the site and in the immediate vicinity. Construction vehicles and machinery operation would create short-term, intermittent noise effects that would be audible at nearby properties.

Vehicular traffic would be the project's primary noise source during the operation phase. Hospitality facility-generated traffic would represent another potential noise source in addition to existing traffic and other noise in the vicinity of the Bow Hill Reservation. Because Interstate 5 is immediately west of the project site, however, noise from freeway traffic would continue to

dominate local ambient conditions. As indicated in Section 3.15, the daytime noise level at the project site is likely to reach about 50 dBA, which is somewhat above the 40 dBA level that is typical for rural areas. The nighttime freeway noise level is still likely to be near 60 dBA compared to a typical ambient night level of 30 dBA. Speed and vehicle mix are very important factors in determining the noise level produced by traffic; freeway traffic near the site averages a speed of about 70 mph, while speeds on Bow Hill Road and Darrk Lane would be 35 mph or less.

Trucks also generate more noise than cars; one heavy truck is generally the noise equivalent of 18 passenger cars (personal communication, E. Combs, Washington State Department of Transportation, Olympia, Washington, December 15, 1994). Interstate 5 has a significant proportion of truck traffic, particularly at night; approximately half of the weekly average of 23,600 trucks, 11,800 passing through the Bow Hill Weigh Station southbound and 11,800 passing by northbound, on Interstate 5 travel at night (personal communication, Ms. Gayle Lapp, Supervisor, Commercial Vehicle Division, Washington State Patrol, Bow, Washington, January 10, 2006). In comparison, virtually all of the recreation and hospitality facility traffic would be passenger cars or other light vehicles.

Given the current noise level at the proposed project site, the increased noise levels generated by the proposed project would be negligible. Though not necessary for noise abatement, a light and sound barrier, as described in Section 4.20 Mitigation will be constructed to minimize any project effect and to reduce existing, pre-project noise levels.

Consequently, potential noise receptors near the recreation and hospitality facility would be affected (day or night) by one high-volume, high-speed noise source that includes many trucks (and passenger buses), and one low-volume, low-speed noise source with few trucks.

Under these conditions, potential noise receptors near both sources would continue to experience ambient noise levels that are determined by Interstate 5 and that would not be measurably increased by the second, minor noise source (personal communication, E. Combs, Washington State Department of Transportation, Olympia, Washington, December 15, 1994). In addition, the Project design includes mitigation for potential impacts due to increased noise on the residential subdivision located to the east of the Land. Proposed mitigation includes construction of a 5-10 foot high berm and 25-foot wide vegetated buffer along the eastern boundary of the Land. See figure 4-4. Therefore, vehicle traffic noise associated with the recreation and hospitality facility would not have a significant impact.

4.16 CULTURAL RESOURCES

No sites listed on or eligible for inclusion on the National Register of Historic Places will be affected by the Action Alternative project. (See letter from Dr. Robert G. Whitlam, State Archaeologist, Department of Archaeology and Historic Preservation, State of Washington, 2006).

The following management recommendations were provided by Equinox Research and Consulting International (ERCI), March 8, 2005 and were based on the archival research and fieldwork carried out during the cultural resource investigation:

- (1) The land status change proceed as planned.
- (2) In the event that any ground-disturbing activities on any of the properties associated with future development uncover protected cultural material (such as bone, stone, or shell artifacts or features), the developer or contractor will cease excavation, secure the area, and contact the Upper Skagit Indian Tribe, the Washington State Department of Archaeology and Historic Preservation, and a qualified and professional archaeologist.

(3) In the event that any ground-disturbing activities on any of the properties associated with this project uncover human remains, the landowner or representative will cease excavation, secure the area, and follow the unanticipated discoveries protocol. (ERCI, 2005)

The Tribe, based on the review of cultural resources records, reports, and information compiled regarding the Bow Hill area on file at the Tribal Offices, concluded that no sacred or religious sites will be affected by the proposed project (letter from J. Washington, Chairman, Upper Skagit Indian Tribe, 2010).

4.17 NO ACTION ALTERNATIVE

The No Action Alternative includes the Secretary's or Regional Director's decision not to approve the Tribe's fee-to-trust application to convert the Land for non-gaming economic development purposes and the Tribe's not developing the recreation and hospitality facility on a portion of the Land. In summary, the No Action Alternative would have the following effects:

- No impact to earth, including no potential for erosion during construction. No need to implement best management practices (BMPS) during construction.
- No potential to impact surface waters, such as Bob Smith Creek and Samish River.
- No need to construct stormwater management facilities or to provide water quality monitoring post-construction.
- No clearing of vegetation.
- No need to fill wetlands and no wetland mitigation provided, including no enhancement or permanent preservation.
- No impacts to local wildlife.
- No construction of hospitality facilities; therefore, no benefits to the Tribe and tribal members in terms of a diversified source of income to meet increasing governmental

service requirements; and no benefit to Tribal members in terms of increased services, increased employment opportunities and reduced rates of poverty.

- No benefit to the surrounding local community in terms of increased employment opportunities and increased income and increased tax revenues based on multiplier effects.
- Continued high rates of unemployment and poverty among Tribal members.
- No increase in average daily trips on local roadways; traffic delays would not be increased by 3.2 seconds at the southbound ramp from I-5.
- No potential increase in greenhouse gas emissions potentially contributing to cumulative impacts on global climate change.
- No benefits to campers at adjacent Thousand Trails campground resulting from day use opportunities at recreation facility.
- No need to connect to existing public and private utility infrastructure.
- No impacts in terms of views from adjacent residence, campers travelling to Thousand Trails campground and the subdivision to the east.
- No potential light and noise impacts to the same areas. No need to provide screening, landscape buffer, and vegetated berm.

4.18 COMPARISON OF ALTERNATIVES

The Action Alternative, which includes converting the Land from fee to trust status and developing the proposed recreation and hospitality facility at the project site, would provide a diversified and sustainable non-gaming revenue source for Tribal governmental services, create a number of new employment opportunities for Tribal and surrounding community members, minimize the risk associated with reliance on the primary source gaming revenues, and provide a

revenue source for future diversified economic development endeavors. While the Action Alternative would result in minimal short-term construction impacts, the long-term impacts to the environment would not be significant.

With respect to the proposed project area, the No Action Alternative, while having none of the environmental effects of the Action Alternative, would not result in a furtherance of the Tribe's goals and programmatic needs. No action would ensure that the existing contraction of federal and state programs and resources would continue to adversely affect the Tribe and its membership and would likely persist until such time as another viable diversified economic opportunity could be identified and developed. Regional industries such as timber, agriculture, and commercial fishing, in which Tribal members have traditionally been employed, continue to decline. Recovery of these natural resource based industries, on which the Tribe has relied, is not expected in the future.

Finally, there are no alternative locations either on the existing Bow Hill Reservation or at other non-trust properties where the Tribe could have a reasonable expectation of being able to develop the proposed recreation and hospitality facility. Thus, no other location under Tribal or County jurisdiction would be suitable for the Project, and no such alternative location would allow the Tribe to meet its stated goals and objectives. The Action Alternative constitutes the best use of the Tribe's limited land base from both an economic and environmental perspective.

4.19 UNAVOIDABLE ADVERSE IMPACTS

Unavoidable adverse impacts are those environmental consequences of an action that cannot be avoided, either by changing the nature of the action or through mitigation, if the action is to be undertaken. In general, the adverse impacts identified previously in Chapter 4 would be unavoidable consequences of developing a hospitality facility (or any commercial operation of

comparable scale) adjacent and contiguous to the Bow Hill Reservation. Physical impacts such as erosion and sedimentation are inevitable if the ground is disturbed, although these impacts can be minimized with appropriate erosion control measures. Similarly, clearing of vegetation and construction of impervious surfaces are unavoidable requirements for developments such as the proposed hospitality facility. Developing the Land also requires filling 4.93 acres of wetland that cannot be avoided, although the Action Alternative plans would leave other wetland areas on the more sensitive northeastern portion of the site undisturbed. Other unavoidable consequences of the project include converting undeveloped land to commercial use, modifying the visual environment, and introducing additional traffic noise and light to the immediate vicinity. The project also has the potential to contribute to climate change through cumulative increases in greenhouse gas emissions.

4.20 MITIGATION

The Action Alternative includes mitigation measures that have been previously implemented by the Tribe, including:

(1) An active warning sign 500 feet east of the Bow Hill Road / Darrk Lane intersection. This sign provides advanced intersection and signal warning to westbound traffic on Bow Hill Road. This measure corrects existing intersection sight distance limitations.

(2) Installation of traffic signals at the Bow Hill Road / Darrk Lane intersection, an eastbound left turn lane on Bow Hill Road for the intersection, and a right turn lane exiting Darrk Lane to safely regulate entry and exit to Darrk Lane and to provide safe entry and exit to the commercial facilities near the intersection (see Figure 2-2) and to correct existing unsafe conditions at this intersection.

(3) Illumination of Bow Hill Road and the Bow Hill Road / Darrk Lane intersection as an

additional safety measure for this area.

As a result of the implementation previously of these mitigation measures, the Action Alternative will have no significant adverse effect on intersection safety. These measures substantially reduced unsafe conditions at the Bow Hill Road / Darrk Lane intersection and at the commercial and residential properties near this intersection.

Regarding the light and sound barrier for the subdivision to the east, the installation of a vegetation / landscape buffer will buffer and screen these residences from light and noise effects from the Action Alternative and reduce current light and noise levels caused by existing freeway and roadway traffic volumes.

Other mitigation measures discussed previously, such as creating new wetlands, creating new natural sound barriers and using best management practices during the construction phase to avoid any runoff are also included in the Action Alternative. The Project will also mitigate some of the potential increases in greenhouse gas emissions. Such mitigation would result from: 1) the net reduction in trip length experienced by some customers who would be able to travel shorter distances to reach the proposed recreation and hospitality facility than would otherwise be necessary to travel to other similar facilities; 2) net reduction in number of trips based on co-location of recreational, commercial, conference, hospitality and other uses; 3) vegetation retention; 4) planting of native vegetation associated with wetland mitigation and establishment of vegetated buffers; and 5) permanent protection of approximately 61 acres of undisturbed wetland / upland complex.

4.21 CUMULATIVE IMPACTS

Cumulative impacts are defined as the incremental impact of a proposed action when added to other past, present, and reasonably foreseeable future actions, regardless of what other

agency or person undertakes the other actions (40 CFR 1506.7). Cumulative impacts can result from individually minor, but collectively significant actions taking place over a period of time.

Assessment of the potential for cumulative impacts from the proposed recreation and hospitality facility primarily involves considering the identified project-specific impacts within the context of other known or expected actions that have affected or will likely affect project area resources. The appropriate focus for this assessment is the overall pace and pattern of development in the Bow Hill area and within the larger Skagit County community. The environmental studies conducted for the project have not identified any unique or regionally significant resources that would be adversely affected by the project. Therefore, the potential for cumulative impacts from the proposed recreation and hospitality facility relates to the incremental contribution of the project in conjunction with other historic and ongoing development events.

The Bow Hill area and western Skagit County remain predominantly rural with limited areas of commercial development. There is relatively little development in the immediate vicinity of the Land, but development on the Bow Hill Reservation, a major freeway, a commercial retail outlet, a commercial campground, and several rural residences are present. Within a radius of 1 or 2 miles of the Reservation are another hotel and gas station (both owned by the Tribe), commercial campground, a motor speedway, a golf course, and additional rural residences (some of which are owned by the Tribe). These developments have all created effects on the local environment that are similar to those expected from the proposed project, such as runoff from impervious surfaces, removal of existing vegetation, increased local traffic, and modification of the local aesthetic environment. Additional limited development in the Bow Hill area may be likely in the future, particularly within the 10-acre parcel of land located at the

southwest corner of the intersection of Bow Hill Road and Interstate 5 that has been designated for commercial use by the County. However, as previously stated, near-future commercial development in this area is constrained by the availability of wastewater treatment service, the Growth Management Act, County utility extension policies and the County's "Rural" and "Resource" designations and zoning of lands adjacent to the Land and west of Interstate 5. The impacts of the proposed recreation and hospitality facility would add to the effects of these past and expected future actions, but would represent a small incremental increase in local development-related consequences. The scope and scale of the Action Alternative are such that the Bow Hill area will likely remain predominantly rural with limited commercial development for the foreseeable future, with physical, biological, and human environmental conditions, that are generally similar to existing conditions.

Within this context, the cumulative effects of the Action Alternative on the physical and biological environments would be inconsequential and barely measurable. Because the recreation and hospitality facility would generate a relatively large number of jobs and volume of business, it would represent a small but noticeable cumulative addition to the expanding local economy.

As currently designated on the *Official Skagit County Zoning Map, 2007*, as updated by the County's current Comprehensive Plan, the area lying between the Town of Alger and City of Burlington will remain largely rural. This rural land use designation signifies that little imminent or potential commercial growth would occur in and around those areas other than the proposed Land hospitality project. In addition, sewage utility capacity is not projected to be available for future commercial development in the Bow Hill area with the exception of the hospitality project and other future tribal projects.

As described in Section 3.8, western Skagit County has been experiencing relatively

rapid population and economic growth, with associated urban development. The annual conversion of undeveloped agricultural and forest land to residential, commercial, industrial, and other urban land uses is extensive. Development in both urban and rural areas will likely contribute to increased emissions of greenhouse gases. Overall, the impacts of the proposed recreation and hospitality facility would be individually minor when viewed independently, and would remain insignificant over the lifespan of the Project when viewed collectively within the context of other relevant countywide actions or events.

4.22 PERMITS REQUIRED

The Tribe anticipates obtaining a US Army Corps of Engineers Individual Permit and a Section 401 Water Quality Certification from the US Environmental Protection Agency (EPA) for the filling of wetlands associated with the project. A National Pollution Discharge Elimination System (NPDES) permit from the EPA for storm water runoff will also be necessary, based upon the design of the Project.

4.23 CONCLUSION

This Environmental Assessment has determined that the Action Alternative as proposed, including all proposed mitigation, is not likely to have significant adverse impact on the human environment. Preparation of an Environmental Impact Statement (EIS) is not deemed necessary. Based on this determination, issuance of a Finding of No Significant Impact (FONSI) is recommended.

5.0 CONSULTATION AND COORDINATION

The following federal, state, and local agencies were consulted during the planning process for the recreation and hospitality facility development and the preparation of the Environmental Assessment. Coordination activities generally involved discussions regarding potential project impacts, permits and approvals needed for the proposed project or the provision of services to the hospitality facility. A listing of key contacts, correspondence and other documentation related to the coordination process is included in Appendix A. The agencies contacted during the process include the following:

Federal Agencies

Bureau of Indian Affairs
Army Corps of Engineers
NOAA Fisheries
Fish and Wildlife Service
Environmental Protection Agency, Region 10
Bureau of Land Management

State Agencies

Department of Archaeology and Historic Preservation
Department of Ecology
Department of Fish and Wildlife
Department of Transportation
Northwest Clean Air Agency

Skagit County and Other Local Agencies

Skagit County Board of Commissioners
Skagit County Planning and Development Services Department
Skagit County Public Works Department.
Skagit County Fire Marshall
Skagit County P.U.D. No.1
Samish Water District
City of Burlington
Alger Fire District, No. 14
Upper Skagit Tribal Law Enforcement

On June 25 and June 29, 2010 the Upper Skagit Indian Tribe sent letters to all of the above agencies requesting comments related to the proposed fee-to-trust conversion and

recreation and hospitality facility. Seven letters were received from agencies in response to the June letters as of September 7, 2010. These included a letter from the Washington State Department of Archaeology and Historic Preservation, a letter from Skagit County Public Works Department, an electronic message from the United States Fish and Wildlife Service, a letter from the Washington State Department of Transportation, a letter from the Skagit County Administrator, a letter from the City of Burlington, and a letter from the Skagit County Board of Commissioners. The comments provided in these letters and the corresponding responses addressing these comments are discussed below.

A letter dated June 28, 2010 was received from the Washington State Department of Archaeology and Historic Preservation (DAHP). The DAHP letter stated that they concur with the determination that no historic properties will be affected. Based on this concurrence, no additional consultation is necessary.

A letter dated July 14, 2010 was received from the Skagit County Public Works Department. This letter raised two issues: 1) traffic impacts; and 2) stormwater runoff. Following receipt of the comment letter, the Tribe provided a copy of the 2007 Traffic Impact Analysis prepared by Transportation Solutions, Inc. (TSI) to the County Public Works Department and met with their representative, Shane Whitney. Mr. Whitney requested that the traffic counts utilized in the 2007 Traffic Analysis be updated. Based on this request, the Tribe directed TSI to obtain updated traffic counts at identified intersections in the project vicinity and provide an updated traffic report. TSI was able to respond to this request and provided the updated Traffic Impact Analysis (2010) referenced in this assessment. A copy of the updated Traffic Impact Analysis was provided to Skagit County on August 18, 2010. Skagit County Public Works also indicated in their letter that the Project would need to be compliant with County Code [Drainage Ordinance] and be consistent with the stormwater manual for western Washington. At the meeting with Mr. Whitney, the Tribe clarified that once the Land is placed into trust with the federal government, County development regulations would no longer be applicable. However, it was also noted that the Project has been designed consistent with the Washington Department of Ecology 2005 Stormwater Management Manual for Western Washington as indicated in the Drainage Report prepared by Pacific Surveying and Engineering, Inc.

An electronic message sent on July 27, 2010 was received from the United States Fish

and Wildlife Service (FWS). The FWS message confirmed that the Land is not sited at a location that has ESA-listed species. The message noted that, due to staffing limitations, FWS was not able to determine if the project could have indirect or long-term effects on water quality or quantity. FWS also clarified that if a No Effect determination is made, there would be no need for formal concurrence from U. S. Fish and Wildlife. The Tribe concurs with the no listed species determination. Based on the analysis provided in the preliminary drainage report, all short-term and long-term, direct and indirect impacts to water quality and quantity will be avoided or mitigated through project design and use of best management practices during both construction and operation. The Biological Assessment prepared by Aqua-Terr Systems, Inc. (2010) recommends a No Effect determination on listed species and critical habitat; therefore, it is anticipated that formal concurrence from the FWS will not be required.

A letter dated July 23, 2010 was received from the Washington State Department of Transportation (WSDOT). The comment letter from WSDOT recognized the state's interest in preserving the driving surface of Interstate-5, given its current poor condition, but also indicated that there were no plans at this time for making improvements to the Exit 236 Interchange. The letter emphasized WSDOT's desire to work in partnership on this and other projects and suggested that smooth operation of the Exit 236 Interchange was likely a key to the success of the proposed resort expansion. In response, the Tribe has noted that the Traffic Impact Analysis prepared by Transportation Solutions, Inc. (TSI) found that the proposed resort expansion would not significantly impact the operation of the Exit 236 Interchange or any of the other roadways serving the Project.

A letter dated July 23, 2010 was received from Skagit County Administrator. This letter identified a number of elements of the environment that the County recommended be addressed in the Environmental Assessment. In response, the Tribe met with representatives from the County on August 18, 2010 to provide additional information regarding the fee-to-trust application and the proposed resort expansion. This meeting provided the opportunity for the County representatives to ask specific questions related to the Project and for the Tribe to answer these questions.

A letter dated July 20, 2010 was received from the City of Burlington. The City's letter expressed support for the Project. The letter also reaffirmed that the City's sewage treatment plant has additional capacity available to accommodate the proposed expansion should the Tribe

choose to contract with the City for additional sewage treatment services. Based on the statement of support and reaffirmation of available capacity, no response from the Tribe was deemed necessary.

A letter dated September 1, 2010 was received from the Skagit County Board of Commissioners. The letter from the Commissioners expressed their support for the Tribe's proposed fee-to-trust conversion and resort expansion. Based on this statement of support, no additional response from the Tribe was deemed necessary.

In addition to the above letters from federal, state and local agencies, the Tribe also received a letter dated August 31, 2010 from the River Valley View Estates Road Association. In its letter, the Association expressed its appreciation for the past actions taken by the Tribe to improve the safety of their neighborhood (which is located immediately east of the proposed Project area) and to keep the neighbors informed about the proposed resort expansion. The letter confirmed that the Association members "have no objection to the trust application" being prepared by the Tribe.

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7.0 LIST OF PREPARERS

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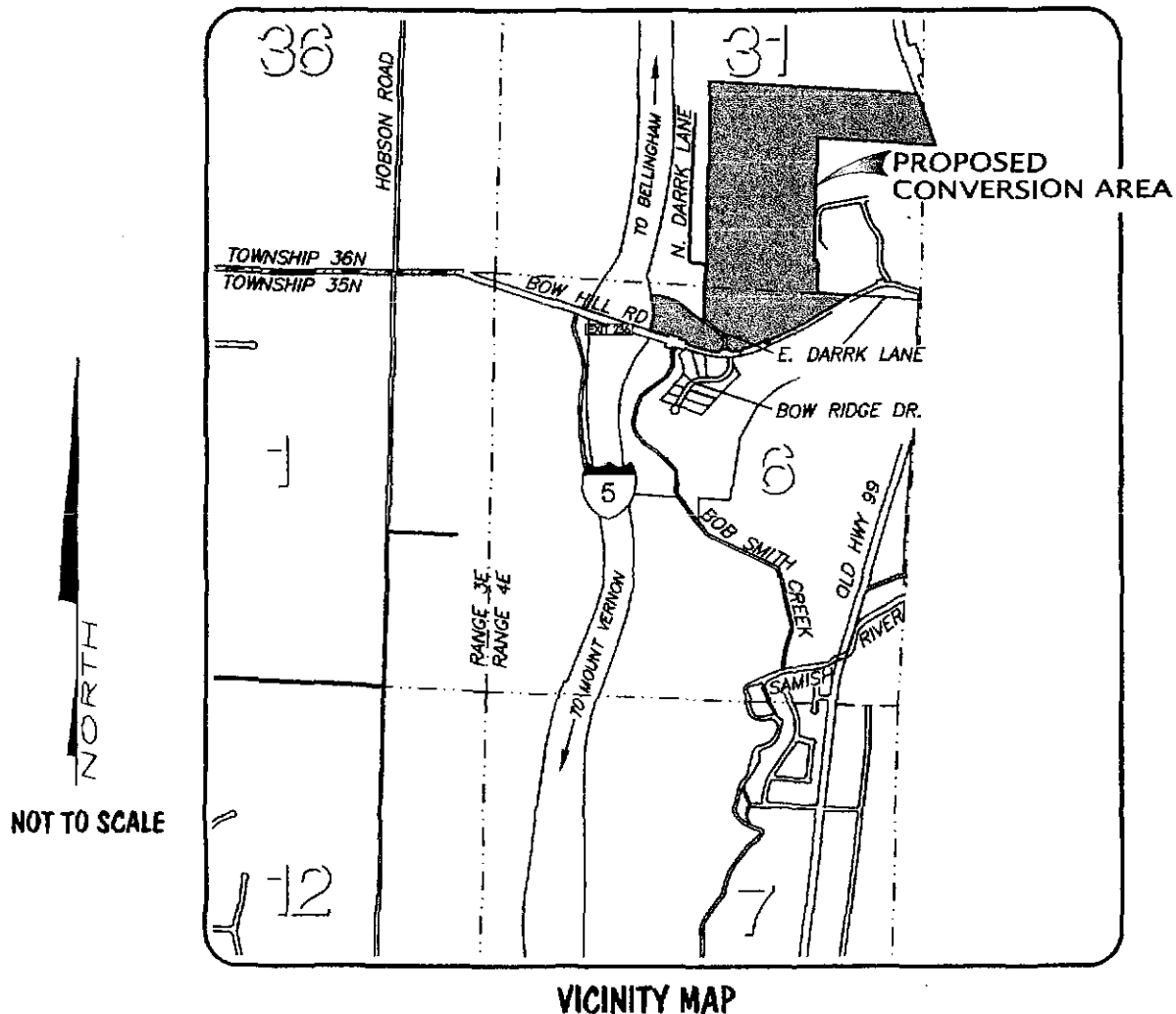
GeoEngineers, Inc.
600 Dupont Street
Bellingham, WA 98225

FIGURES

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

SITUATE IN A PORTIONS OF THE SW 1/4 OF SECTION 31, TOWNSHIP 36 NORTH, RANGE 4 EAST &
NW 1/4 OF SECTION 6, TOWNSHIP 35 NORTH, RANGE 4 EAST. W.M., SKAGIT COUNTY, WASHINGTON
LATITUDE: 48°33'32" N, LONGITUDE: -122°20'47" W



DIRECTIONS TO SITE:

- FROM INTERSTATE 5, TAKE EXIT 236 (BOW HILL RD)
- HEAD EAST ON BOW HILL ROAD
- TURN NORTH ON E. DARRK LN



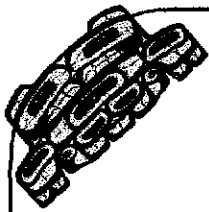
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1812 CORNWALL AVE. BELLINGHAM, WA 98225
PHONE: 671.7387 FAX: 671.4685 WWW.PSESURVEY.COM

VICINITY MAP

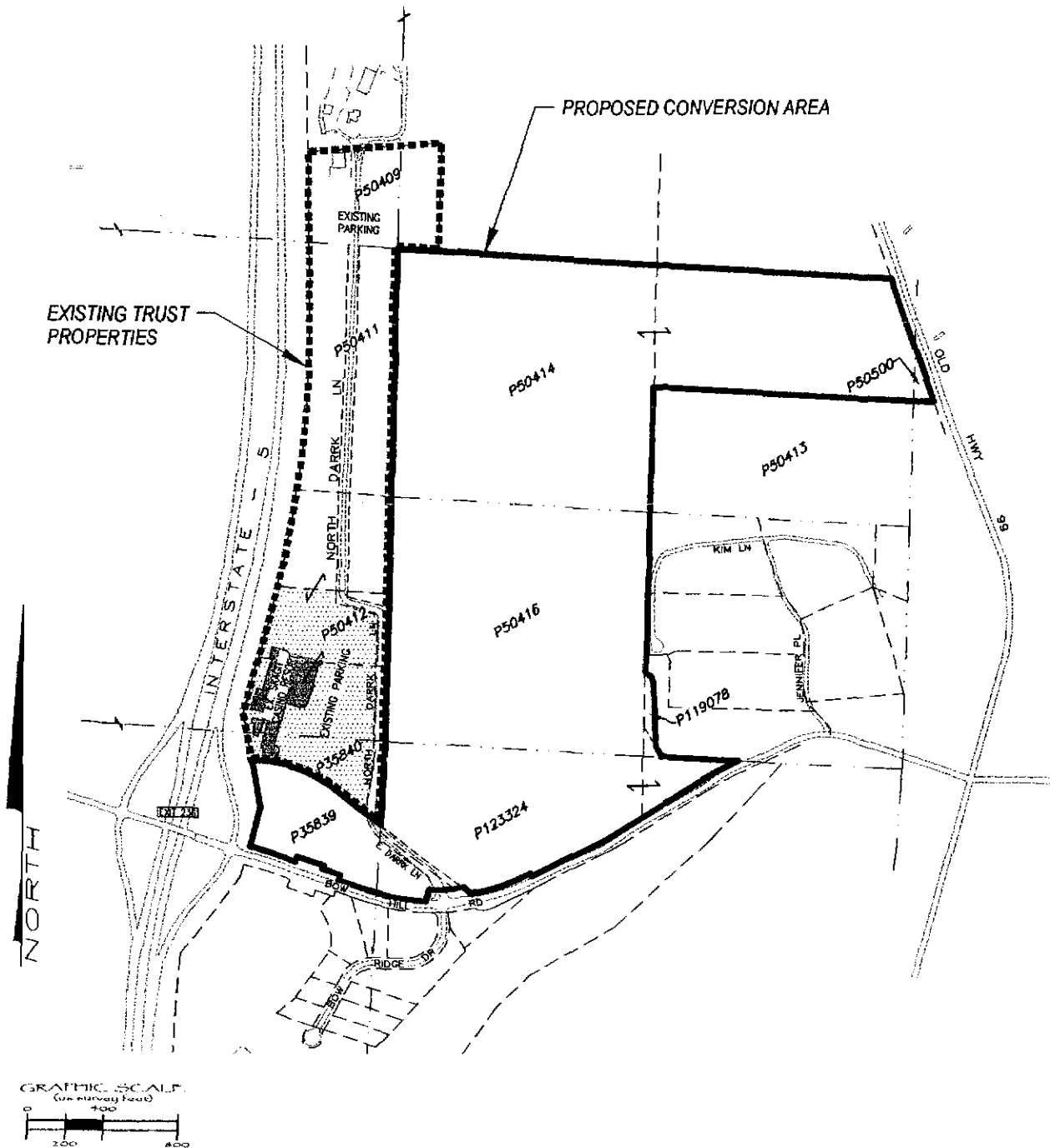
UPPER SKAGIT INDIAN TRIBE ~ ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 1-1

PREPARED: FEBRUARY 2, 2010



UPPER SKAGIT INDIAN TRIBE
25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004



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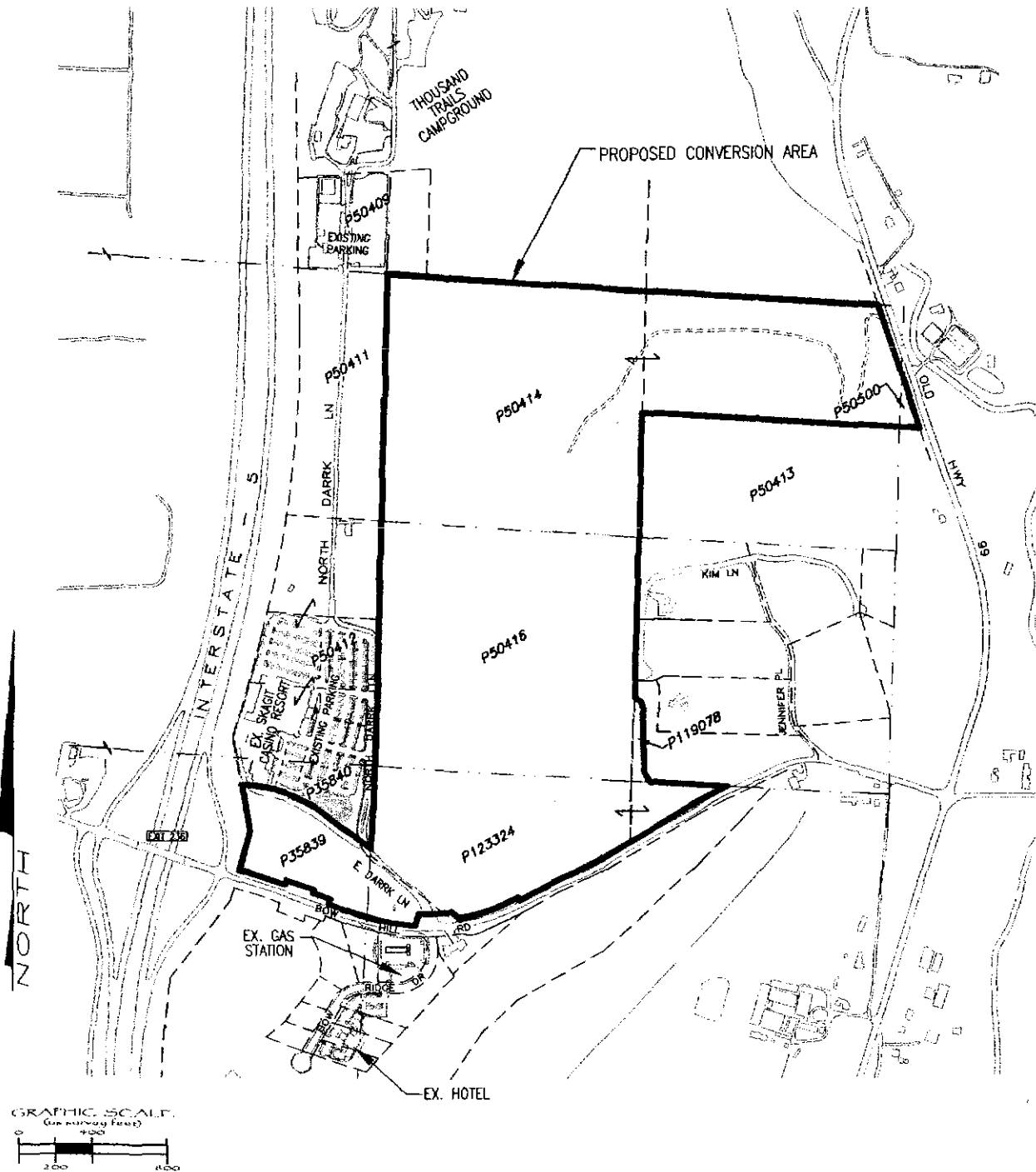
SITE MAP
UPPER SKAGIT INDIAN TRIBE - ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 1-2

PREPARED: FEBRUARY 2, 2010

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004



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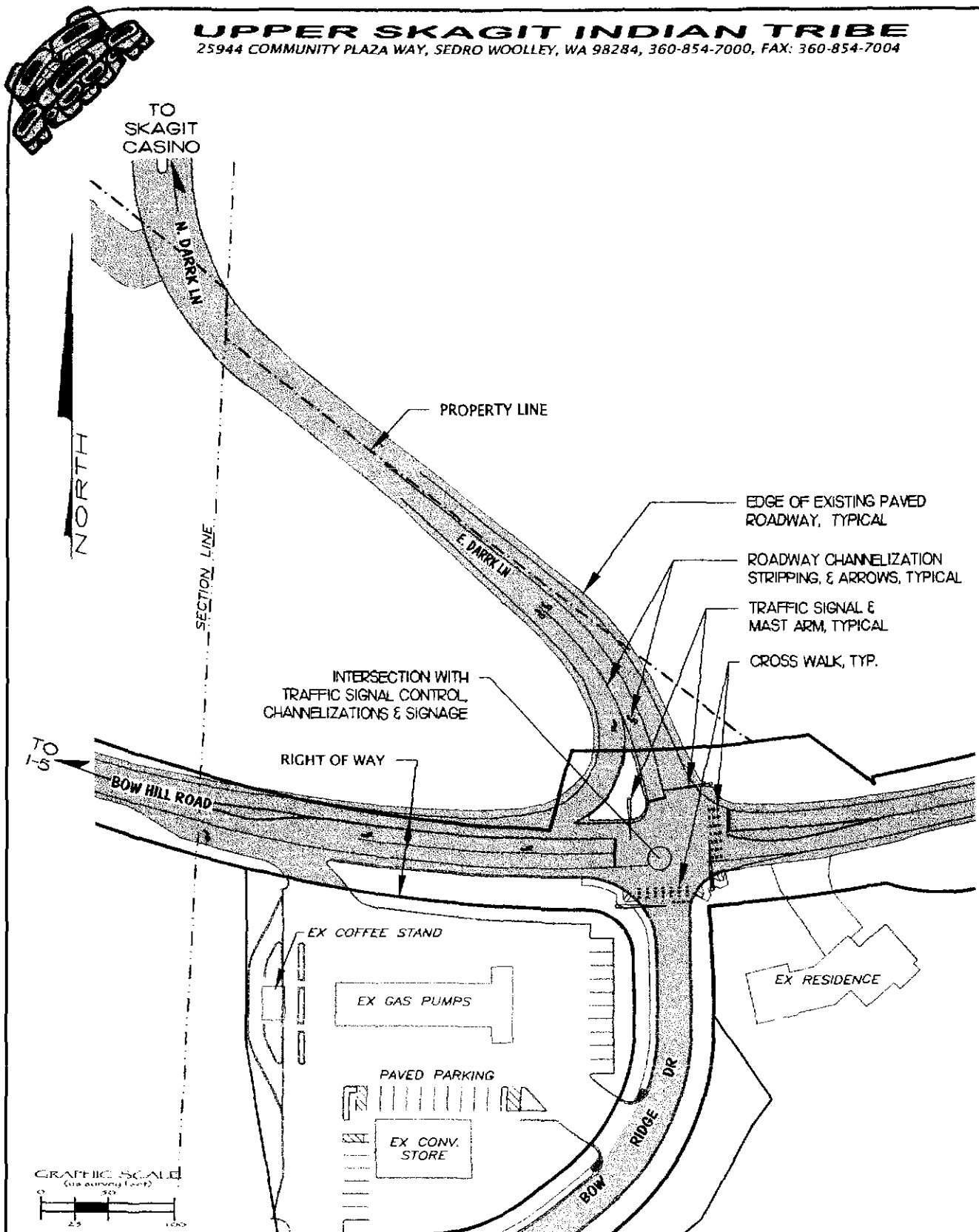
EXISTING DEVELOPMENT
UPPER SKAGIT INDIAN TRIBE ~ ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 2-1

PREPARED: FEBRUARY 2, 2010

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

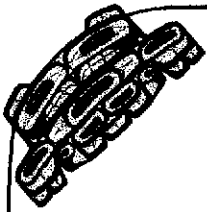


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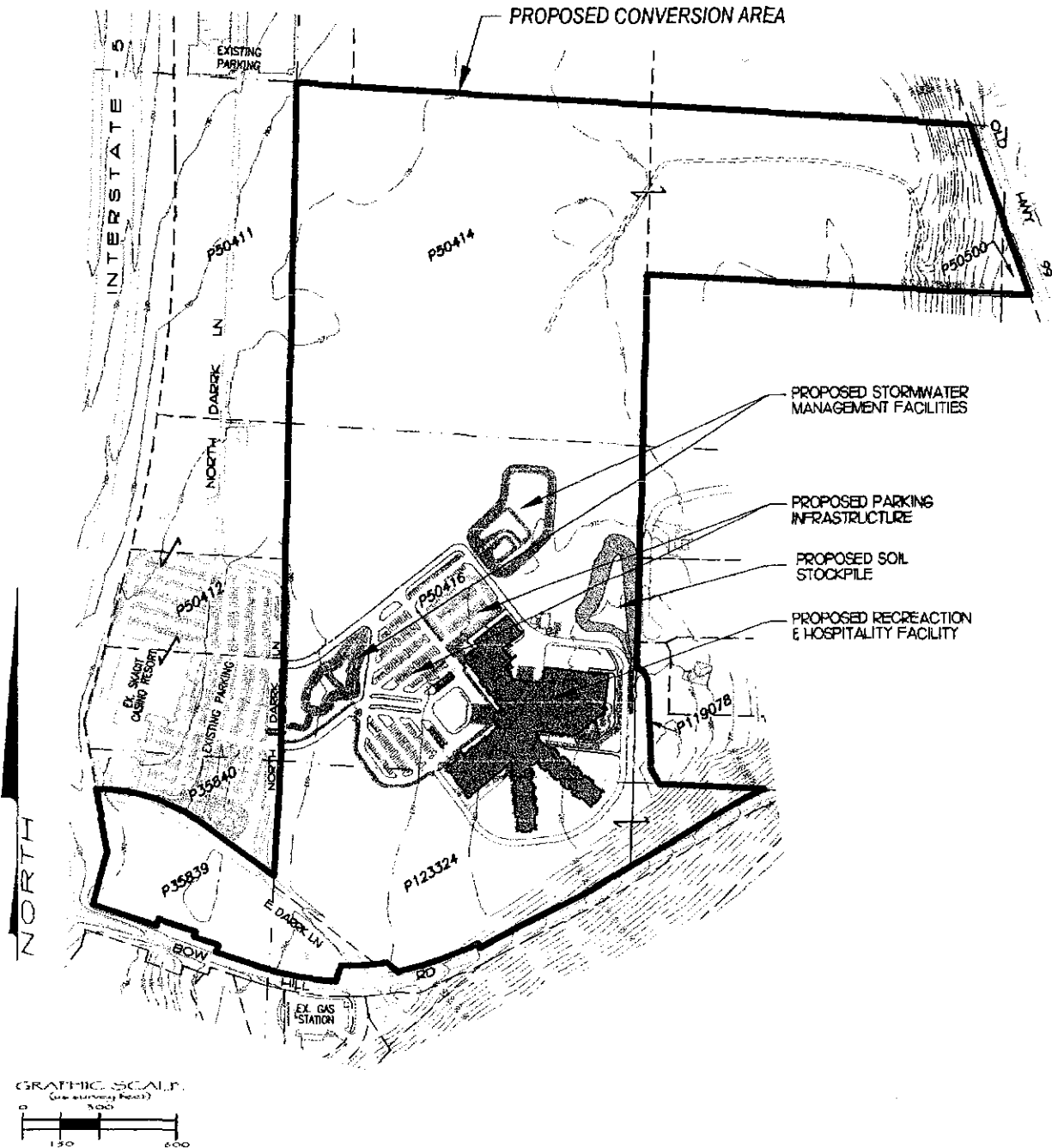
BOW HILL ROAD INTERSECTION IMPROVEMENTS
UPPER SKAGIT INDIAN TRIBE - ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 2-2

PREPARED: FEBRUARY 2, 2010



UPPER SKAGIT INDIAN TRIBE
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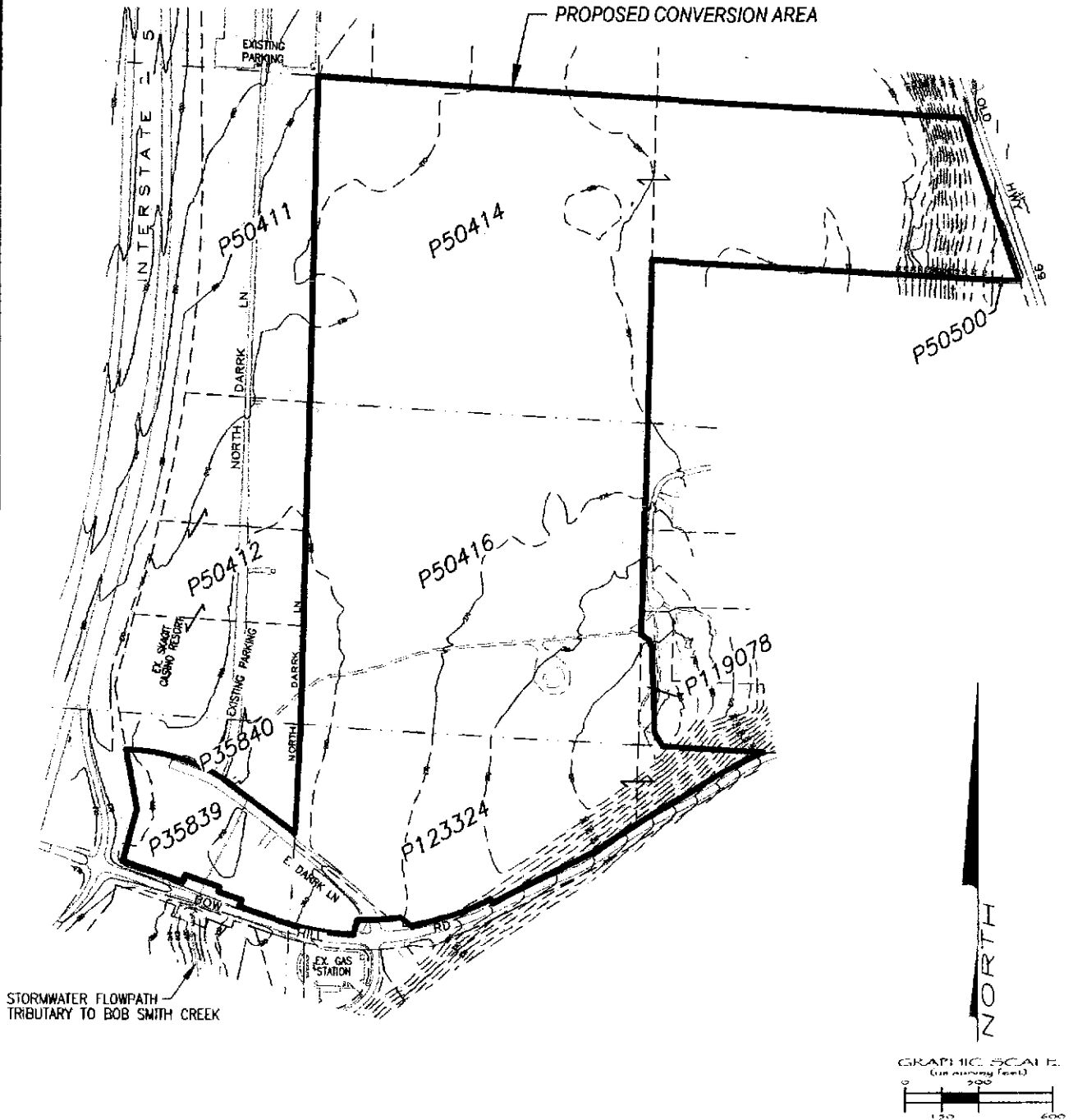
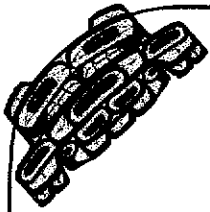


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CONCEPTUAL SITE PLAN
UPPER SKAGIT INDIAN TRIBE ~ ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 2-3

PREPARED FEBRUARY 2, 2010



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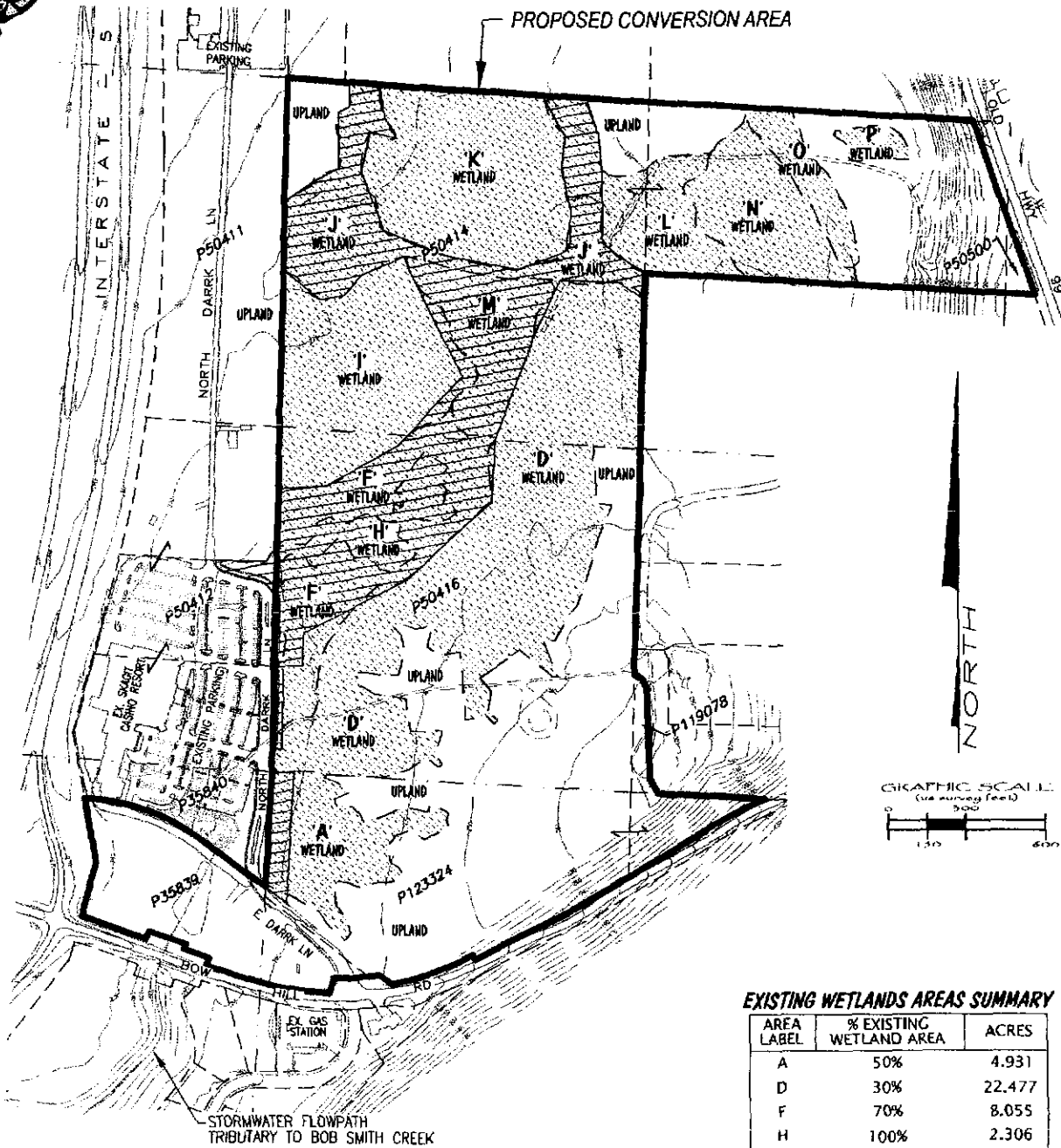
PARCELS & EXISTING TOPOGRAPHY
UPPER SKAGIT INDIAN TRIBE - ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 3-1

PREPARED: FEBRUARY 2, 2010

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004



LEGEND

-  EXISTING WETLAND
(% AS SPECIFIED, 81.340 AC TOTAL)
-  EXISTING CONSERVATION EASEMENT
(23.875 AC)

EXISTING WETLANDS AREAS SUMMARY

AREA LABEL	% EXISTING WETLAND AREA	ACRES
A	50%	4.931
D	30%	22.477
F	70%	8.055
H	100%	2.306
I	50%	10.261
J	100%	7.776
K	10%	10.342
L	70%	3.636
M	100%	4.107
N	90%	4.967
O	100%	1.858
P	100%	0.624



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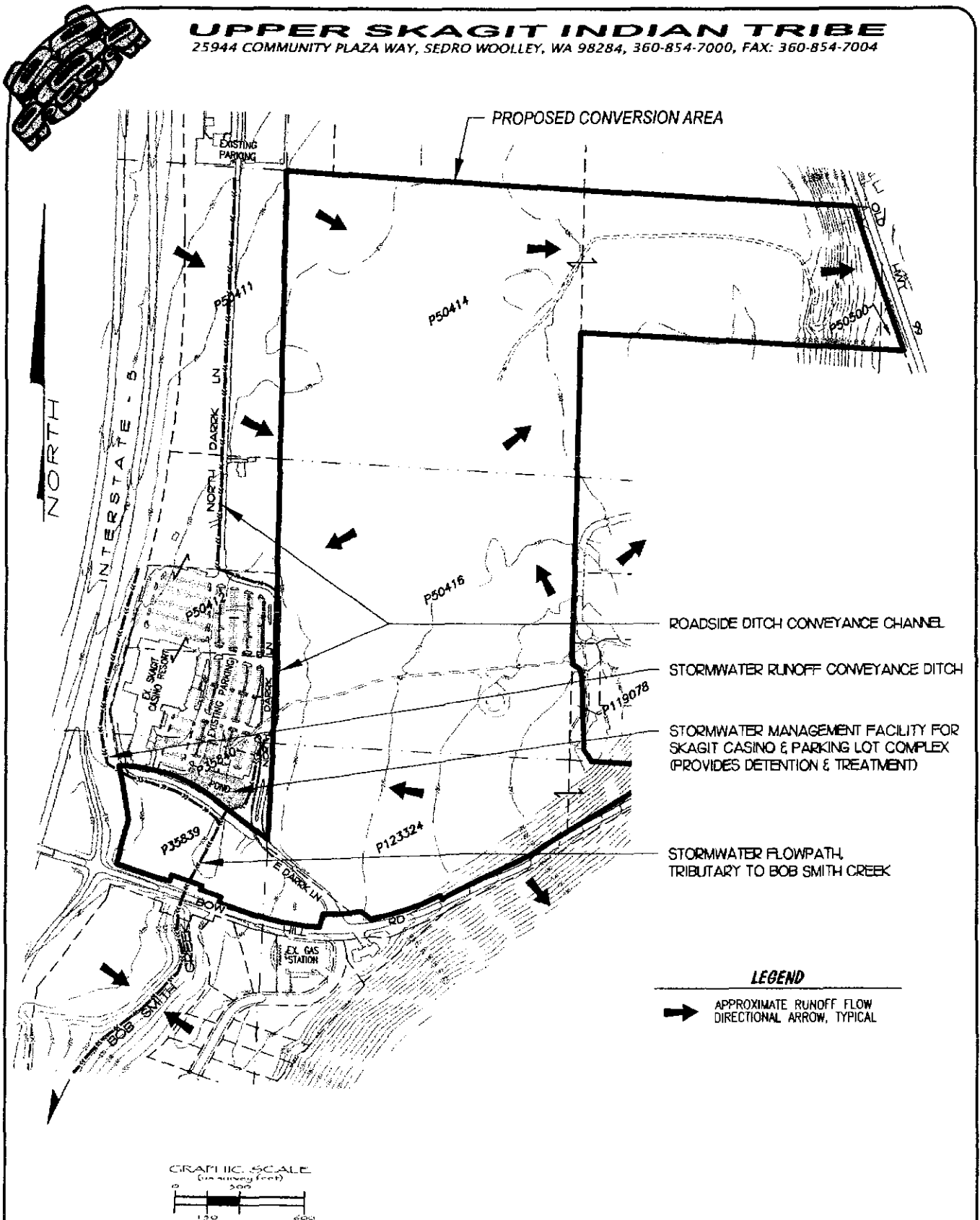
EXISTING WETLANDS
UPPER SKAGIT INDIAN TRIBE ~ ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 3-2

PREPARED: FEBRUARY 2, 2010

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004



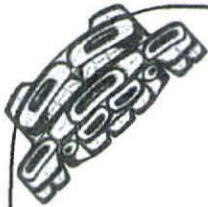
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SURFACE WATER COURSES

UPPER SKAGIT INDIAN TRIBE - ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 3-3

PREPARED: FEBRUARY 2, 2010



UPPER SKAGIT INDIAN TRIBE

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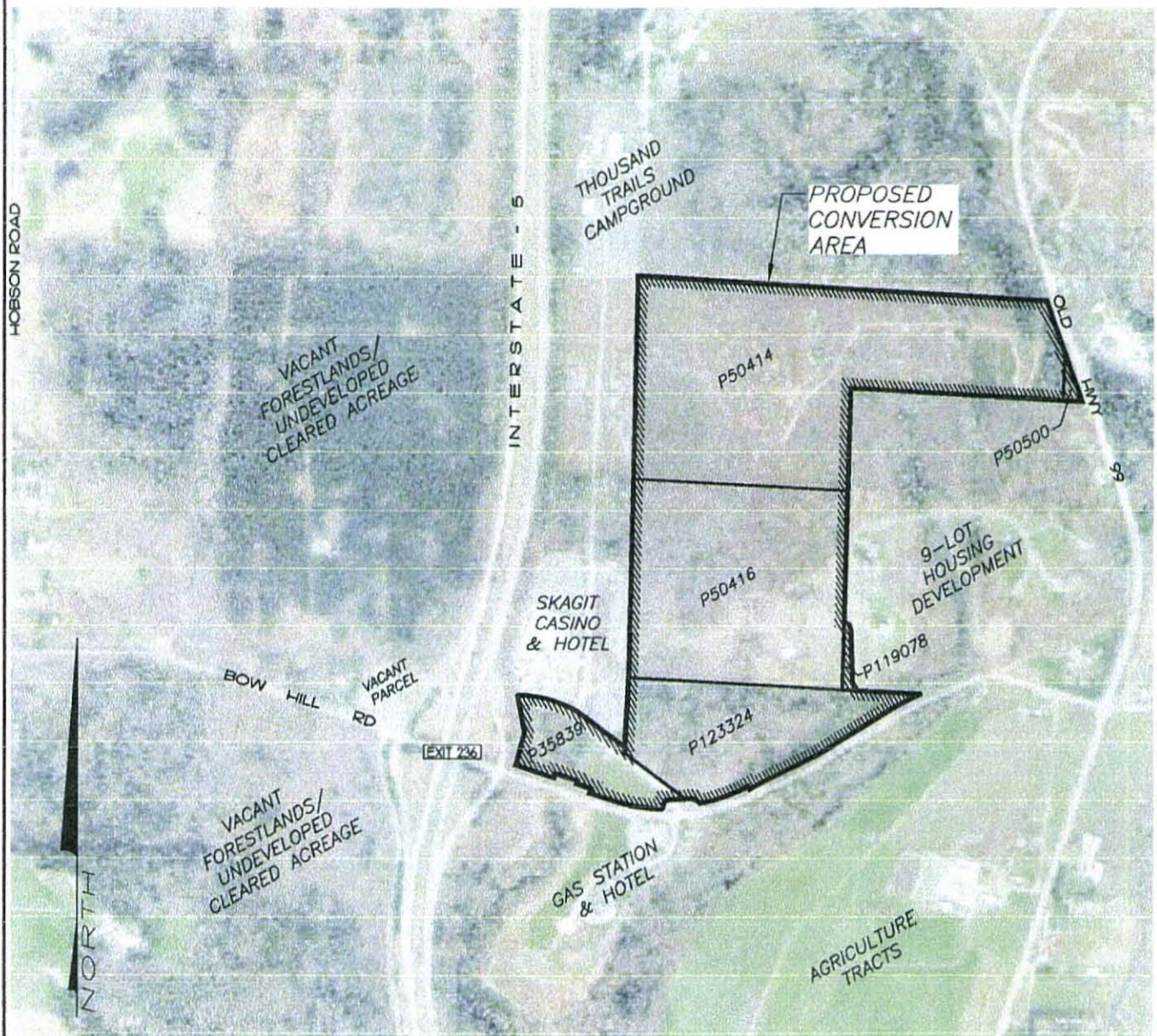


IMAGE: 2007 SKAGIT COUNTY IMAP

NOT TO SCALE



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LOCAL AREA LAND USE
UPPER SKAGIT INDIAN TRIBE ~ ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

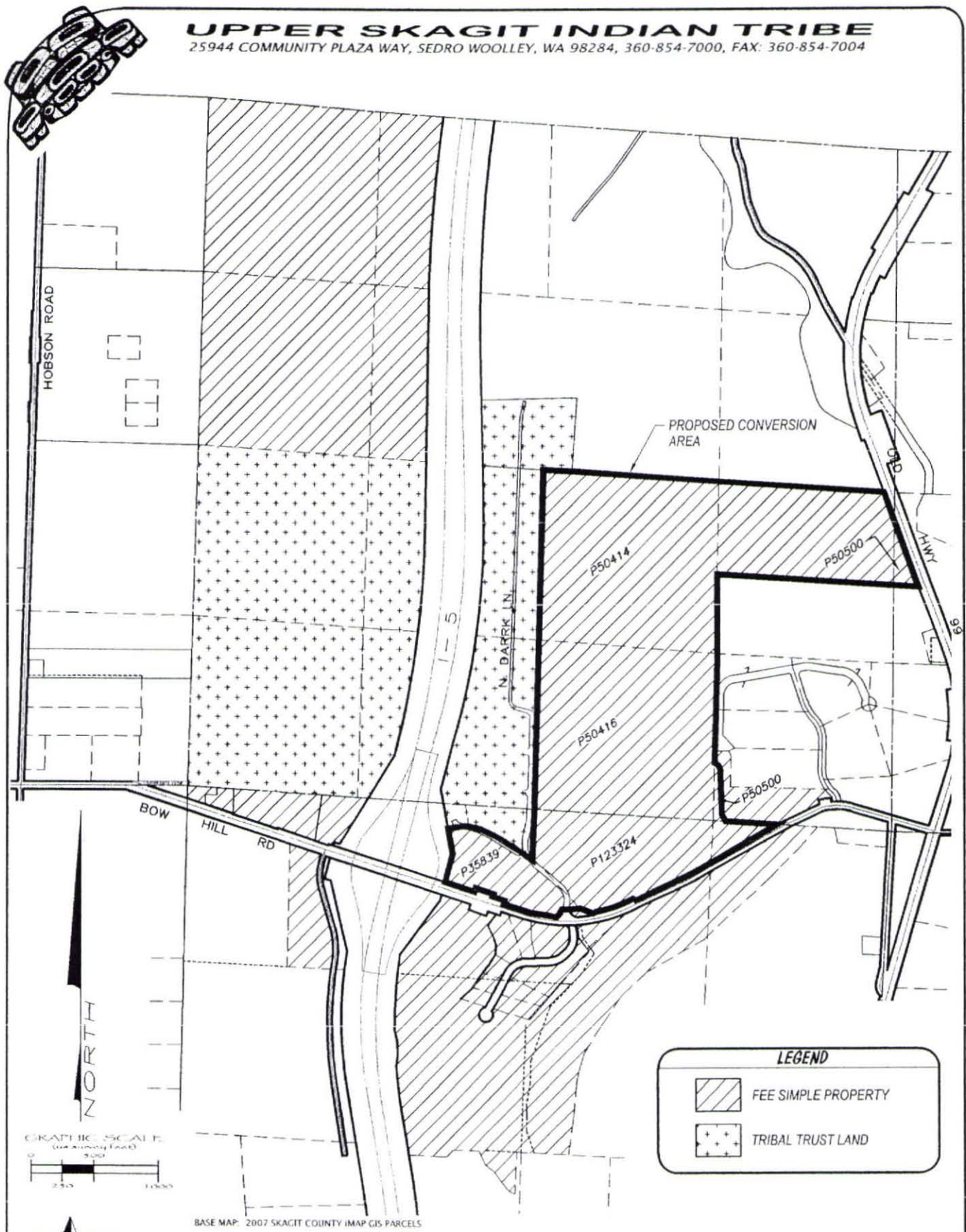
FIGURE 3-4

PREPARED: FEBRUARY 2, 2010

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UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004



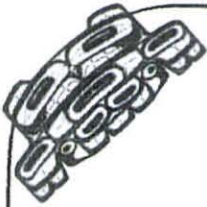
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TRIBAL OWNERSHIP STATUS
UPPER SKAGIT INDIAN TRIBE ~ ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 3-5

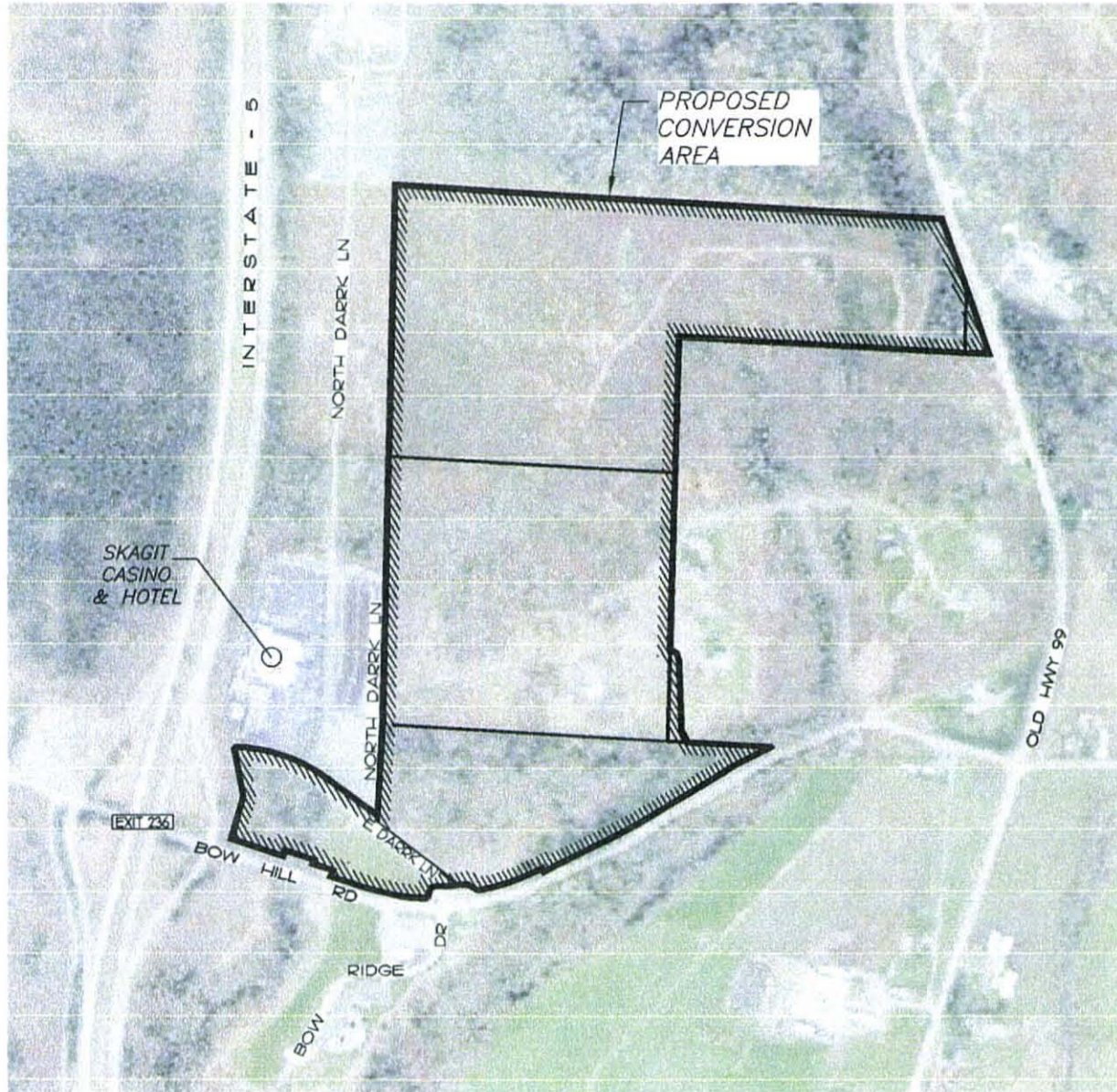
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UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004



IMAGES: 2007 SKAGIT COUNTY IMAP

NOT TO SCALE



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ROAD SYSTEM & ACCESS

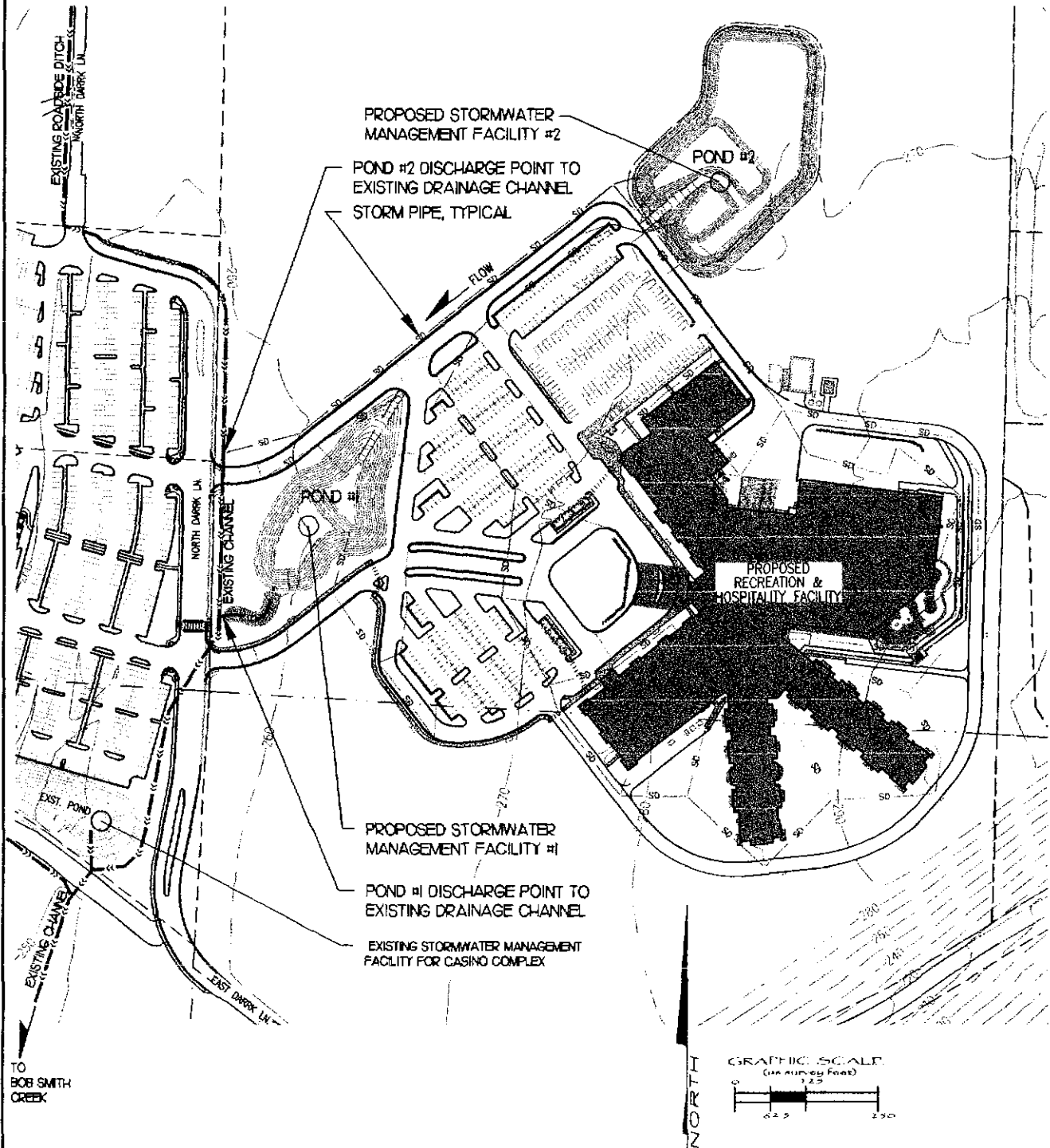
UPPER SKAGIT INDIAN TRIBE ~ ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 3-6

PREPARED: FEBRUARY 2, 2010

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25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004



PROPOSED STORMWATER SYSTEM

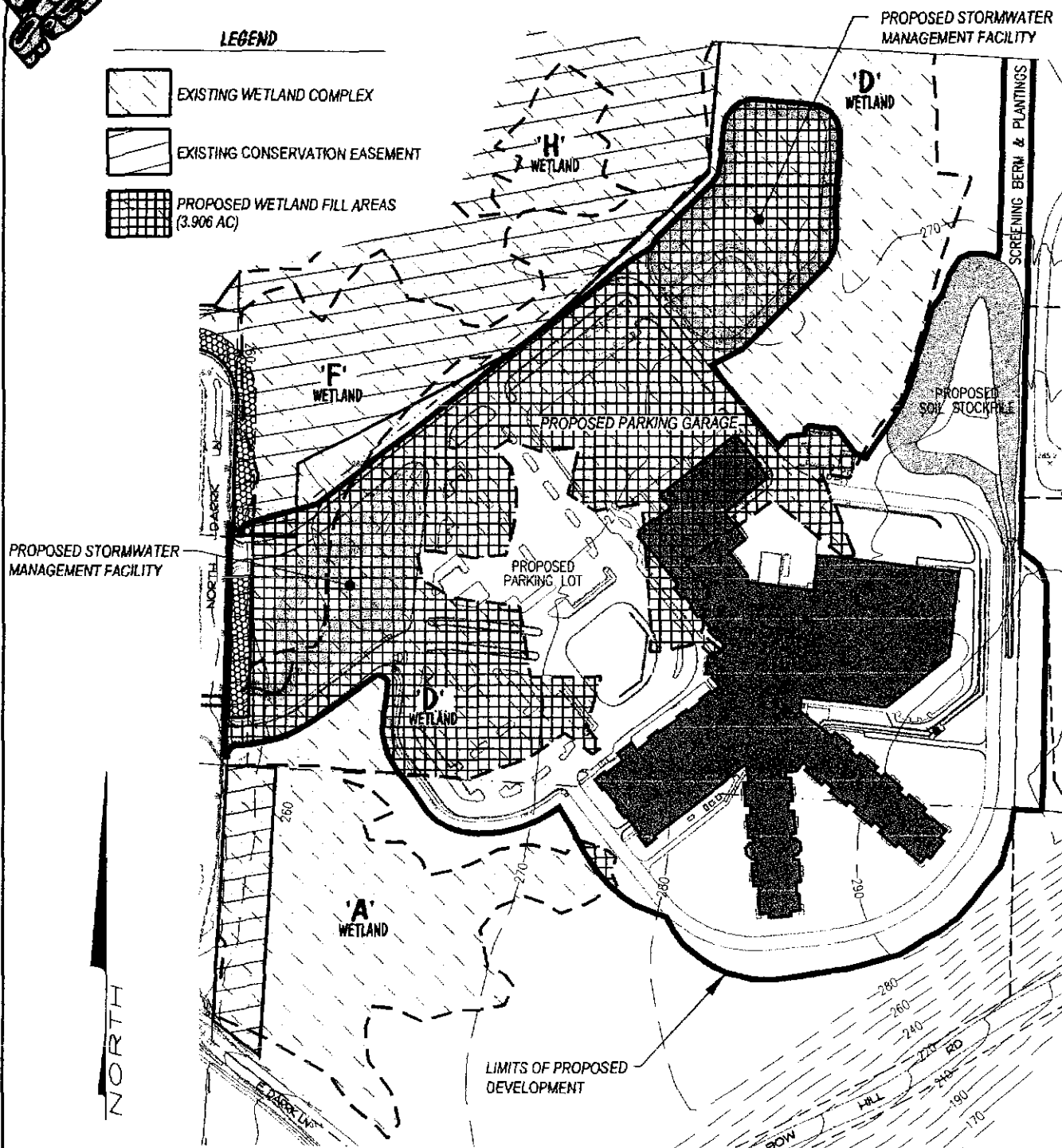
FIGURE 4-1

PREPARED: FEBRUARY 2, 2010

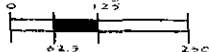
25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

 EXISTING WETLAND COMPLEX
 EXISTING CONSERVATION EASEMENT
 PROPOSED WETLAND FILL AREAS
 (3.906 AC)



GRAPHIC SCALE
(in survey feet)



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UPPER SKAGIT INDIAN TRIBE ~ ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 4-2

PREPARED: FEBRUARY 2, 2010

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

PROPOSED WETLAND CREATION
AREA (10.342 AC TOTAL, 8.975 AC NET)

PROPOSED PRESERVED
WETLAND MITIGATION
AREA (22.756 AC)

PROPOSED PRESERVED
WETLAND MITIGATION
AREA (1.892 AC)

PROPOSED PRESERVED
WETLAND MITIGATION
AREA (9.631 AC)

PROPOSED PRESERVED
WETLAND MITIGATION
AREA (6.127 AC)

PROPOSED CONSERVATION AREA
DISTURBANCE = 0.011 AC

LEGEND



EXISTING WETLAND



EXISTING CONSERVATION AREA EASEMENT
"WETLAND MITIGATION AREA" (23.875 AC)



PROPOSED ADDITIONAL
CONSERVATION AREA EASEMENT
"WETLAND MITIGATION AREA" (40.407 AC)



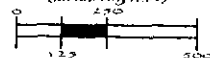
PROPOSED WETLAND CREATION AREA
& CONSERVATION AREA EASEMENT (10.342 AC)



PROPOSED WETLAND FILL AREA
(3.906 AC)

PROPOSED WETLAND DISTURBANCE

GRAPHIC SCALE
(in arbitrary units)



NORTH

UPLAND



PACIFIC SURVEY & ENGINEERING, INC.
1812 COMMWALL, BELLINGHAM, WA 98225
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PROPOSED WETLAND MITIGATION AREAS

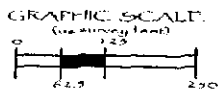
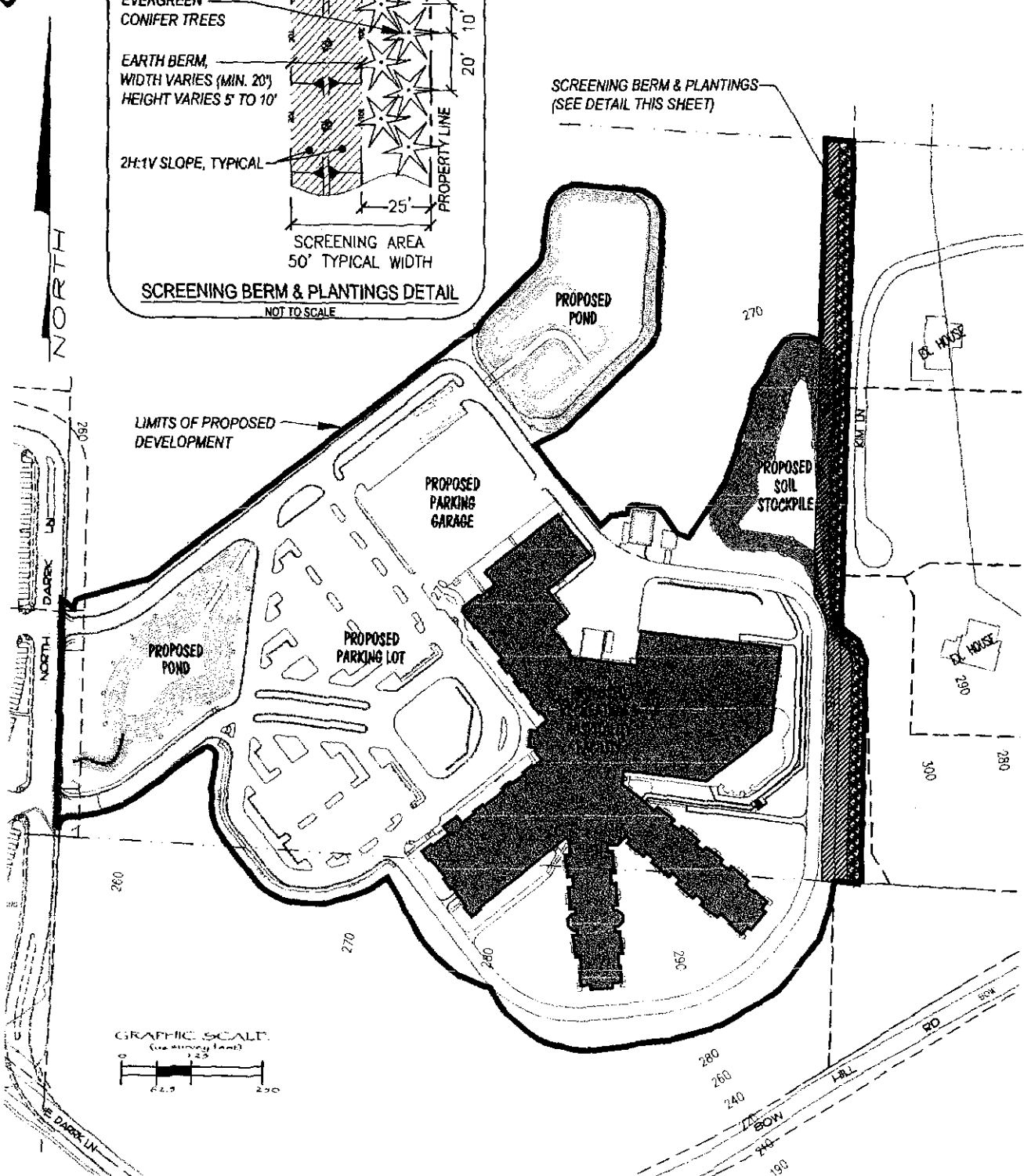
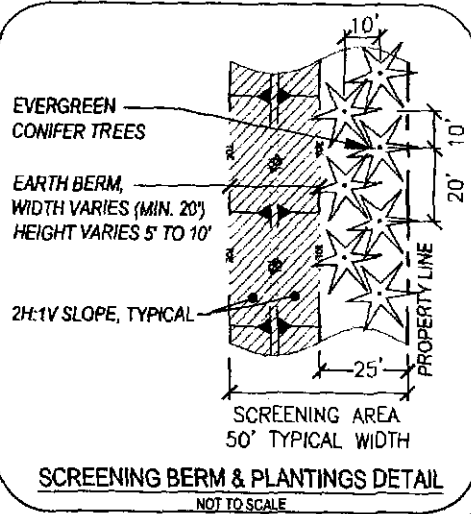
UPPER SKAGIT INDIAN TRIBE - ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 4-3

PREPARED: FEBRUARY 2, 2010

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004



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PROPOSED LIGHT & NOISE MITIGATION
UPPER SKAGIT INDIAN TRIBE ~ ENVIRONMENTAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 4-4

PREPARED: FEBRUARY 2, 2010

APPENDIX A

CONSULTATION, COORDINATION AND PUBLIC INVOLVEMENT

Agency Consultation and Coordination

U.S. Army Corps of Engineers

- Coordination regarding wetland impacts and mitigation, 2006 through 2008
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010

U.S. Bureau of Indian Affairs

- Letter to Puget Sound Agency Tribes dated February 5, 2004
- Letter to Superintendents, Northwest Region, dated January 28, 2004
- Letter to Tribal Leaders dated January 27, 2004
- Letter to Regional Directors dated January 5, 2004
- Letter to USIT dated July 19, 2006
- Agency Correspondence with USIT dated March 29, 2007
- Coordination regarding preparation of EA, 2006-2010

U.S. Bureau of Land Management

- Coordination on filing of Record of Survey and Associated Title Documentation, 2007-2010

U.S. Environmental Protection Agency, Region 10

- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010

U.S. Fish and Wildlife Service (FWS)

- Agency Communication dated January 26, 2006
- USIT Letter to Agency dated June 25, 2010
- Letter from FWS dated June 29, 2010
- USIT Letter to Agency dated June 29, 2010
- Electronic message from FWS sent on July 27, 2010

U.S. NMFS / NOAA Fisheries

- Contacts regarding threatened and endangered species, 2005-2010
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010

Washington Department of Archaeology and Historic Preservation

- Letter from USIT dated January 18, 2006
- Agency Letter dated January 24, 2006
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010
- Letter from Agency dated June 28, 2010

Washington Department of Ecology

- USIT Letter to Agency dated June 25, 2010

- USIT Letter to Agency dated June 29, 2010

Washington Department of Fish and Wildlife

- Letter from USIT dated February 16, 2005
- Letter to USIT dated February 28, 2005
- Letter to USIT dated January 26, 2006
- Letter to Agency dated January 26, 2006
- Letter to USIT dated January 27, 2007 (stamped received on January 30, 2006)
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010

Washington Department of Transportation

- Agency Communication dated January 12, 2006
- Telephone and e-mail correspondence 2009-2010
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010
- Agency letter dated July 23, 2010

Northwest Clean Air Agency

- Agency communication January 12, 2010
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010

Washington State Patrol

- Agency Communication dated January 10, 2006
- Agency Communication, January 2010

Skagit County Board of Commissioners

- Coordination and consultation, 2006-2010
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010
- Letter to USIT dated July 23, 2010
- Letter to USIT dated September 1, 2010

Skagit County Planning and Development Services Department

- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010
- Meeting with Agency representatives, August 2010

Skagit County Public Works Department

- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010
- Letter from Agency dated July 14, 2010
- Meetings with Agency representatives, July and August 2010

Skagit County Fire Marshall

- Agency Communication, January 2010
- USIT Letter to Agency dated June 25, 2010

- USIT Letter to Agency dated June 29, 2010
- Meeting with Agency representative, August 2010

Skagit County P.U.D. No.1

- Letter from P.U.D. dated April 14, 2010
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010

Samish Water District

- Letter from Samish Water District dated April 9, 2010
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010

City of Burlington

- Letter from City of Burlington dated March 5, 2010
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010
- Letter from City of Burlington dated July 20, 2010

Alger Fire District, No. 14

- Agency communication, January 2010
- USIT Letter to Agency dated June 25, 2010
- USIT Letter to Agency dated June 29, 2010

Skagit Resort Human Resources

- Agency Communication dated January 6, 2010

Upper Skagit Indian Tribe Administration

- Letter dated January 10, 2010

Upper Skagit Tribal Housing Department

- Consultation and coordination, 2007 and 2010
- Agency Communication dated January 15, 2010

Upper Skagit Tribal Law Enforcement

- Agency Communication dated January 6, 2010

Upper Skagit Tribe Natural Resources Department

- Agency Communication dated January 6, 2010

Public Involvement

Upper Skagit Tribal Council

- Council General Meetings, 2002-2010

River Valley View Estates Road Association

- Meetings with Neighboring Homeowners' Association, 2008-2010
- Letter to USIT dated August 31, 2010

APPENDIX B

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Phase I Environmental Site Assessment

Tax Parcels P35839, P123324, P50416, P50414,
P50500, and P119078
Bow, Washington

for
Upper Skagit Indian Tribe

July 1, 2010

GEOENGINEERS 

600 Dupont Street
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**Phase I Environmental Site Assessment
Tax Parcels P35839, P123324, P50416,
P50414, P50500, and P119078
Bow, Washington**

File No. 00829-021-01

July 1, 2010

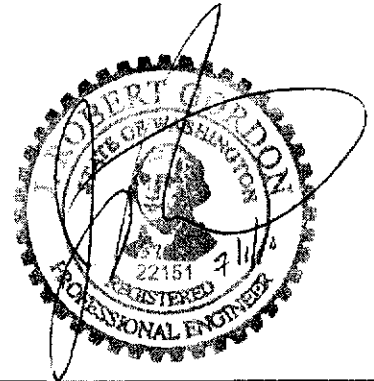
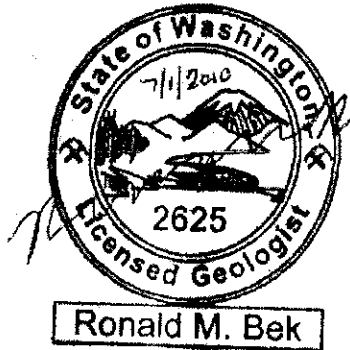
Prepared for:

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5984 North Darrk Lane
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600 Dupont Street
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0829-021-01 SharePoint

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DECLARATIONS

- "I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Sec. 312.10 of 40 CFR Part 312."*
- "I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I performed and/or developed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."*

*A person who does not qualify as an Environmental Professional may assist in the conduct of all appropriate inquiries in accordance with ASTM E 1527-05, if such person is under the supervision or responsible charge of a person meeting the definition of an environmental professional when conducting such activities

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- Appendix C. Report Limitations and Guidelines for Use

ACRONYMS AND ABBREVIATIONS

AAI – All Appropriate Inquiries

AST – aboveground storage tank

ASTM – American Society for Testing and Materials

CERCLA – Comprehensive Environmental Response, Compensation and Liability Act

Ecology – Washington State Department of Ecology

EPA – U.S. Environmental Protection Agency

ESA – *Environmental Site Assessment*

LG – licensed geologist

PCBs – polychlorinated biphenyls

REC – recognized environmental condition

USGS – United States Geological Survey

UST – underground storage tank

This report summarizes results of GeoEngineers' All Appropriate Inquiries (AAI) Phase I Environmental Site Assessment (ESA) for Tax Parcels P35839, P123324, P50416, P50414, P50500, and P119078 located in Bow, Washington. The Phase I ESA was conducted in January 2010 for Upper Skagit Indian Tribe. Results of our Phase I ESA indicate the historical land use of the subject property has been restricted to residential and logging. This Phase I ESA has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject property with the exception of concrete sealant, motor oil, kerosene, diesel fuel, and power steering fluid storage within the pole building. No soil staining or other visual evidence of releases was observed from the containers.

- The Thousand Trails site located northwest of the subject property was formerly listed in Washington State Department of Ecology's (Ecology) leaking underground storage tank database. Thousand Trails was reported cleaned in 1995. Ecology did not issue a No Further Action opinion letter for Thousand Trails, meaning Ecology did not perform a formal review of the cleanup report for the site.
- A 10,000 gallon unleaded fuel UST is located west of the northwest corner of the subject property. The UST is in good working condition and no leaks have occurred based on the information obtained during our study.

This Executive Summary should be used only in the context of the full report for which it is intended.

1.0 INTRODUCTION

This report summarizes the results of the Phase I Environmental Site Assessment (ESA) of Tax Parcels P35839, P123324, P50416, P50414, P50500, and P119078 ("subject property") in the Bow area of Skagit County. The subject property is approximately 132 acres in size and is undeveloped with the exception of a pole building. The subject property is shown relative to surrounding physical features in Vicinity Map, Figure 1. The layout of the subject property and surrounding properties is shown on the Site Plan and Surrounding Uses, Figure 2.

The subject property is currently owned by the Upper Skagit Indian Tribe (USIT). We understand results of this Phase I ESA will be used by USIT as part of their evaluation of potential environmental liabilities associated with placing the subject property in tribal trust lands.

GeoEngineers provided geotechnical engineering services for the proposed Skagit Resort Water Park which is proposed to be constructed on the subject property. The results of our previous study were presented in our report titled "Geotechnical Engineering Services Report, Proposed Skagit Resort Water Park, Bow, Washington", dated February 26, 2007. GeoEngineers also completed a Phase I ESA for the subject property in 2007. The results of our previous Phase I ESA were presented in our report titled "Phase I Environmental Site Assessment, Tax Parcels P35839, P123324, P50416, and P50414, Bow, Washington", dated October 26, 2007. Tax Parcels P50500 and P119078 are two parcels currently owned by USIT that have been added to the subject property for this Phase I ESA. Pertinent information from our previous geotechnical engineering study and Phase I ESA is included in this Phase I ESA report where appropriate. This report has been prepared for the exclusive use of USIT. Because this environmental report is not intended for use by others, no one except the USIT should rely on this report without first conferring with GeoEngineers.

1.1 Phase I ESA Scope of Services

The purpose of this Phase I ESA is to identify recognized environmental conditions¹ (RECs) in connection with the subject property. Our scope of services is in general accordance with American Society for Testing and Materials (ASTM) Standard E 1527-05 for Phase I ESAs and the U.S. Environmental Protection Agency's (EPA's) Federal Standard 40 CFR Part 312 "Standards and Practices for All Appropriate Inquiries (AAI)," which are intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on liability under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The standard outlines the practice that constitutes "all

¹ Recognized environmental conditions are defined in ASTM E 1527-05 as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined by 42 U.S.C. §9601. Our services, described below, were completed in general accordance with our proposal dated January 11, 2010. These services were completed by, or under the direction of, an environmental professional as described in 40 CFR Part 312.

Our specific scope of services for this Phase I ESA was as follows:

Review readily available environmental reports and/or other relevant documents pertaining to environmental conditions at the subject property.

Review the results of a federal, state, local and tribal environmental database search provided by an outside environmental data service for listings of properties with known or suspected environmental concerns on or near the subject property within the search distances specified by ASTM. Our database and file review search also included a review of Washington State Department of Ecology (Ecology) websites for readily available information (publications and reports) concerning area-wide soil and groundwater contamination on or adjacent to the subject property.

Identify a key site manager with specific knowledge of past and present property use and interview using email and phone communication.

Interview a representative of the local health department to gather information or fill data gaps regarding the history of the subject property and surrounding properties relative to the likely presence of hazardous substances.

Interview representatives from Wilson Engineering, LLC and Associated Earth Sciences, Inc. regarding groundwater monitoring wells installed at the subject property and other wells installed near the subject property regarding subsurface conditions encountered at the well sites.

Review historical aerial photographs, historical atlases and topographic maps, and land use and tax assessor records, as available and appropriate, to identify past development history on and adjacent to the subject property relative to the possible use, generation, storage, release or disposal of hazardous substances. We attempted to identify uses of the subject property from the present back to the time that records show no apparent structures on the subject property, back to the time that the property was first used for residential, agricultural, commercial, industrial or governmental purposes, or back to 1940, whichever is earliest.

Review current United States Geological Survey (USGS) topographic maps to identify the physiographic setting of the subject property and provide a statement on the local geologic, soil and groundwater conditions based on our general experience and sources such as geologic maps and soil surveys and our previous experience at the subject property.

Conduct a visual reconnaissance of the subject property and adjacent properties to identify visible evidence of RECs.

Identify the source(s) of potable water for the subject property and current heating and sewage disposal system(s) used at the subject property, if any, and their age if readily ascertainable.

Identify data gaps relative to the Phase I ESA study findings.

Provide a written summary of the Phase I ESA results and identified RECs along with our opinion and recommendations regarding the potential for contamination by hazardous substances at the subject property and the significance of any data gaps identified.

1.2 Special Considerations

Our scope of services did not include an environmental compliance audit or an evaluation for the presence of lead-based paint, toxic mold, polychlorinated biphenyls (PCBs) in light ballasts, radon, lead in drinking water, asbestos-containing building materials, urea-formaldehyde insulation in on-site structures or debris or other potentially hazardous building materials. Soil, groundwater or surface water sampling was not part of our Phase I ESA services. Our scope of services *does not* include an assessment of vapor intrusion into structures on the property per ASTM Standard E 2600-08.

1.3 Qualifications of Environmental Professional

J. Robert Gordon is a registered Professional Engineer (PE) in Washington (#22151) and has at least 30 years of consulting experience and has been project manager and/or principal-in-charge on over 250 site assessment/contamination remediation projects in Washington. Mr. Gordon is an Environmental Professional per 40 CFR Part 312. Ronald M. Bek is a licensed geologist (LG) in Washington (#2625) and has at least 10 years of experience completing site assessment/contamination remediation projects. Mr. Bek is an Environmental Professional per 40 CFR Part 312.

2.0 PROPERTY DESCRIPTION

2.1 Involved Parties

The subject property currently is owned by USIT. USIT purchased parcels P50414 and P50416 from the Nielson Brothers Logging Company in approximately 2002 according to our key site manager interview. Parcel P35839 was purchased by USIT from Paul Brendle in 1995, according to the Assessor website. There was no sales history listed for parcel P123324 in the Assessor website. Parcel P50500 was purchased by USIT from Pacific State MTG Corporation in 2004, according to the assessor website. Parcel P119078 was purchased by USIT from Richmond JPJ Enterprises Inc. in 2003, according to the Skagit County Assessor website.

2.2 Location, Legal Description and Setting

General information, property use(s) and environmental setting of the subject property area are summarized in Table I below. The location is shown relative to surrounding physical features in Figure 1. The current layout of the subject property and immediate surrounding property uses are shown in Figure 2. Photographs of the pole building interior on the subject property are shown in Figure 3.

TABLE I. SUBJECT PROPERTY INFORMATION

[illegible]

Topographic Map	1986, 7.5 minute sheet, Washington topographic quadrangle map sheet 1214.
Geological Map	Geological map constructed approximately 1950 and based on ground surface is showing an alluvial terrace to the east of the subject property (Figure 7). A shallow perched groundwater condition was observed at approximately 0.5 to 3 feet below ground surface in the terrace exposures. A shallow perched groundwater condition typically develops during the winter portion of the year. The alluvial terrace is the primary source of the groundwater and is the primary source of the groundwater.
Geological Map	The geologic map of the 1:25,000 scale, 7.5 minute sheet, Washington topographic quadrangle map sheet 1214, shows the subject property is located within the alluvial terrace.

Our knowledge of the general physiographic setting, geology and groundwater occurrence near the subject property is based on our review of the maps and references listed above, our previous experience at the subject property, and our general experience in the area.

2.3 Site Reconnaissance

2.3.1 Summary of Observations

A representative of GeoEngineers performed an unaccompanied visual reconnaissance of the subject property on January 14, 2010. The subject property was accessed from the gravel road in the southern portion of the subject property and from Old Highway 99 and Kim Place near the eastern side of the subject property. The subject property is covered primarily with tall grass and treed areas. Our visual reconnaissance focused on the areas where mobile homes were formally located, the pole building, along the trails, and along access roads on the subject property.

Table II below summarizes conditions observed during our site reconnaissance. Section 2.3.2 contains additional details regarding conditions of potential environmental significance observed during our site reconnaissance and a summary list of known or suspected environmental concerns identified by this portion of our study.

TABLE II. SUMMARY OF SITE RECONNAISSANCE OBSERVATIONS

Feature	Observed		Comment
	Yes	No	
Structures (existing)	X		Pole building with dirt floor located south of the access road in the southeastern portion of the subject property.
Structures (evidence of former)	X		Two areas where mobile homes were formerly located in eastern portion of subject property. Former driveway observed on parcel P119078 east of former mobile home sites.
Heating/Cooling System		X	
Floor Drains, Sumps or Drywells		X	

Feature	Observed		Comment
	Yes	No	
Aboveground Storage Tanks (ASTs) or evidence of ASTs		X	
Underground Storage Tanks (USTs) or Evidence of USTs		X	
Drums or Other Containers	X		Two empty drums, 5 gallon container of concrete sealant, oil changing pan filled with motor oil, approximate 5 gallon capacity empty kerosene container and diesel fuel container, 1 gallon container of power steering fluid, and several 1 gallon containers of motor oil stored in pole buildings. No visual evidence of releases observed.
Chemicals or Hazardous Materials (other than <i>de minimis</i> quantities of cleaning products)	X		See above.
Evidence of Leaks, Spills or Releases Surrounding ASTs, USTs and/or Chemical Storage Areas		X	
Stained or Corroded Floors, Walls or Drains (other than apparent water stains or minor oil stains on pavement from parked vehicles)		X	
Pipes of Unknown Origin or Use		X	
On-site Septic System	X		Septic drainage fields for the former mobile homes are likely present according to the 2007 key site manager interview. A septic drainage field is located near the eastern portion of parcel P119078 in the southern portion of subject property.
Sewage Disposal System		X	
Potable Water Supply	X		A domestic water well (DW-1 in Figure 2) is located on the subject property north of the pole building. Water meters are located along Kim Place.
Solid Waste Refuse Dumpsters	X		One large green dumpster is located northeast of the pole building.
Hydraulic Hoists		X	
Oil/Water Separators		X	
Discolored or Stained Soil or Vegetation Potentially from Hazardous Substances		X	
Hazardous Waste Disposal Areas		X	
Uncontained Debris, Refuse or Unidentified Waste Materials	X		Debris observed around the pole building consisting of light poles, fence posts, tarps, crushed electrical panel housings, construction supplies, and lumber.

- Fill soil was observed at the subject property. No visual evidence of contamination was observed in the fill soil. The fill soil does not represent a REC to the subject property based on our visual observations and key site manager interview.
- Uncontained debris was observed at the subject property. No visual evidence of contamination was observed in these areas. The observed uncontained debris does not represent a REC to the subject property in our opinion.
- A pole-mounted and a pad-mounted transformer are located on the subject property. Evidence of leaks from the transformers were not observed on the ground surface or on the exteriors of the transformers. The potential for a release from the transformers having impacts to soil or shallow perched groundwater at the subject property exists if the transformers should leak. The local power company has an emergency spill response program that includes excavation and removal of mineral oil impacted soil when transformers leak. The transformers do not pose a significant REC to the subject property in our opinion while they are in proper working condition.

2.3.3 Data Gaps

Data gaps were not identified by this portion of the study.

2.4 Adjacent Property and Vicinity Observations

2.4.1 Summary of Observations

We viewed properties located adjacent to and surrounding the subject property on January 14, 2010 from accessible public rights-of-way and the subject property. The subject property is situated in an area that is used primarily for residential or commercial uses. Section 2.4.2 contains additional details regarding conditions of potential environmental significance observed during our site reconnaissance and a list of known or suspected environmental concerns identified by this portion of our study. Table III below outlines adjacent land uses and pertinent observations with respect to conditions that could pose a REC on the subject property. Figure 2 shows adjacent property uses and locations in relation to the subject property.

TABLE III. ADJOINING STREETS AND ADJACENT PROPERTIES OBSERVATIONS

Direction	Adjoining Street	Position Relative to Subject Property ¹	Adjacent Property and Use	Comments
North	None	Upgradient	Wooded areas	
East	Old Highway 99 and Kym Place	Downgradient	Washington State Department of Fish and Wildlife (WDFW) Fish Hatchery and residences	Pad-mounted transformer observed at property line.
South	Bow Hill Road	Downgradient	Bow Hill Gas and Food Mart and Cruisin Coffee	UST located at Skagit Bow Hill Gas and Food Mart. Four pole-mounted transformers observed.

Direction	Adjoining Street	Position Relative to Subject Property ¹	Adjacent Property and Use	Comments
West	None	Upgradient	Skagit Casino, parking areas, undeveloped land, and a residence	Pad-mounted transformer observed. Two injection wells and two groundwater monitoring wells installed by AESI located northwest of northwest corner of subject property. Upper Skagit Indian Tribe fuel and UST dispenser located in paved parking area to the west.

Note:

¹ The inferred shallow groundwater flow direction in the vicinity of the subject property is likely toward the southeast, as described in Section 2.2.

2.4.2 Findings

Known or suspect environmental conditions identified by this portion of the study are summarized below:

- Bow Hill Gas and Food Mart is located south of the subject property. This facility is listed in the EDR report. See Section 3.2 for details.
- A pad-mounted transformer is located just off the northwestern corner of the subject property in the overflow parking lot for the casino. Another pad-mounted transformer is located along the Kim Place cul de sac east of the subject property. Four pole-mounted transformers were observed south of Darrk Lane near the northern boundary of the southwestern portion of the subject property. Three of the transformers had a blue placard indicating no PCBs. Evidence of leaks from the transformers was not observed on the ground surface or on the exteriors of the transformers. The potential for mineral oil releases from the transformers having impacts to soil or shallow perched groundwater at the subject property exists if the transformers should leak. The local power company has an emergency spill response program that includes excavation and removal of mineral oil impacted soil when transformers leak. The transformers do not pose a significant REC to the subject property in our opinion while they are in proper working condition.
- The four wells located near the northwest corner of the subject property were installed for an injection well study and do not represent a REC in our opinion.
- An Upper Skagit Indian Tribe unleaded gasoline fuel dispenser and associate UST are located in the paved parking area approximately 300 feet west of the northwest corner of the subject property. See Section 4.4 for details.

2.4.3 Data Gaps

Data gaps were not identified by this portion of the study.

2.5 Previous Reports

2.5.1 Summary of Previous Reports

We reviewed our reports titled "Geotechnical Engineering Services Report, Proposed Skagit Resort Water Park, Bow, Washington", dated February 26, 2007 and "Phase I Environmental Site Assessment, Tax Parcels P35839, P123324, P50416, and P50414, Bow, Washington", dated October 26, 2007.

Visual evidence of soil contamination was not encountered in subsurface explorations completed during our previous geotechnical engineering study. The Thousand Trails site located approximately 600 feet northwest of the subject property was formerly listed in Ecology's leaking underground storage tank (LUST) database during our 2007 Phase I ESA. The 2007 EDR report indicated that a final cleanup report was submitted to Ecology for Thousand Trails.

2.5.2 Findings

Known or suspected environmental concerns were not identified by this portion of the study with the exception that the Thousand Trails facility was formerly listed as LUST site. See Section 3.2 for additional details regarding Thousand Trails.

2.5.3 Data Gaps

Data gaps were not identified by this portion of the study.

3.0 ENVIRONMENTAL RECORDS REVIEW

3.1 Database Search

GeoEngineers reviewed the results of a search of pertinent environmental regulatory lists and databases for current or previous facilities listed at addresses located within ASTM-specified distances from the subject property. The search was performed on January 7, 2010. The information reviewed was provided by a subcontracted regulatory list search service, Environmental Data Resources (EDR). The EDR report is presented in Appendix A. The report includes details regarding the listed facilities identified and maps showing the approximate locations of the listed facilities relative to the subject property.

GeoEngineers reviewed the search results for listings pertaining to the subject property. GeoEngineers also reviewed EDR listing of database entries that could not be mapped by EDR because of insufficient addresses (orphans). Off-site facilities found within the specified distances from the subject property were evaluated for potential impact to the subject property.

The subject property is not listed in the EDR report. The listed facilities identified in Appendix A are summarized in Table IV. Regulatory database acronyms are defined in the EDR report.

**TABLE IV. SUMMARY OF REGULATORY DATABASE SEARCH LISTINGS
OF POTENTIAL ENVIRONMENTAL CONCERN**

Location	Listed Business	Listed Address	Regulatory Database	Description
Thousand Trails	Thousand Trails	10000 1st Ave NW	UST	Unleaded Gasoline UST
Bow Hill Gas & Food Mart	Bow Hill Gas & Food Mart	10000 1st Ave NW	UST	Unleaded Gasoline UST
Upper Skagit Indian Tribe	Upper Skagit Indian Tribe	10000 1st Ave NW	UST	Unleaded Gasoline UST

3.1.1 Findings

- The Thousand Trails site is listed in the UST database as having one unleaded gasoline UST removed in 1991. A fuel release occurred from the UST that impacted soil. The site was reported cleaned up in 1995 based on our review of the Ecology LUST List accessed on January 18, 2010.
- Bow Hill Gas & Food Mart is listed in the UST database to have one, 20,000 to 29,999 gallon UST in operation. The UST is listed as having 3 compartments containing gasoline and diesel fuel. Bow Hill Gas & Food Mart is located in a downgradient position relative to the subject property and does not represent a REC to the subject property in our opinion.

3.2 Review of Regulatory Files

We did not obtain or review files from Ecology regarding the Thousand Trails site because the site does not represent a significant REC in our opinion.

3.3 Review of Area-wide Contamination Reports

We conducted a search of Ecology and EPA websites for readily available information (publications and reports) that may concern area-wide soil and groundwater contamination on or adjacent to the subject property. Area-wide contamination reports pertaining to the subject property vicinity were not identified.

3.4 Findings

Known or suspected environmental concerns were not identified by this portion of the study with the exception of the Thousand Trails UST site to the northwest.

3.5 Data Gaps

A search of databases for engineering controls could not be conducted because such databases do not exist for state of Washington. In our opinion, the significance of this data gap is low based on the comprehensive nature of the databases searched and the results of other portions of our study that did not identify RECs.

The off-site Upper Skagit Indian Tribe UST located west of the subject property as described in Section 2.4.2 was not listed in the EDR report. This condition does not represent a significant data gap in our opinion. See Section 4.4 for details.

4.0 PROPERTY HISTORY

4.1 Historical Resources

Our understanding of the history of the subject property is based on a review of the information from the historical resources listed in Table IV, interviews with the individuals listed in Table V, and our previous Phase I ESA. Selected historical research documents are included in Appendix B.

TABLE V. HISTORICAL RESOURCES REVIEWED

Classification	Provider of Information	Extent of Coverage or Dates of Knowledge of the Property	How Reviewed or Contacted	Comments (See Section 4.2 for Findings)
Historical Aerial Photographs	SLC	1947, 1951, 1954, 1958, 1964, 1968, 1974, 1978, 1984, 1988, 1994, 1998, 2004, 2008, 2014, 2018, 2024	DNV/DV	The aerial photographs show the subject property and the surrounding area. The photographs are of good quality and provide a clear view of the property. The photographs are arranged in chronological order from 1947 to 2024. The photographs show the property's location relative to the surrounding area and the changes in the property's appearance over time. The photographs are used to identify historical features and structures on the property.
Historical Map Resources	SLC	1947, 1951, 1954, 1958, 1964, 1968, 1974, 1978, 1984, 1988, 1994, 1998, 2004, 2008, 2014, 2018, 2024	DNV/DV	Historical maps are not available for the subject property, only for the surrounding area.
Historical Photographs	SLC	1947, 1951, 1954, 1958, 1964, 1968, 1974, 1978, 1984, 1988, 1994, 1998, 2004, 2008, 2014, 2018, 2024	DNV/DV	Historical photographs are not available for the subject property, only for the surrounding area.
Historical Topographic Maps	SLC	1947, 1951, 1954, 1958, 1964, 1968, 1974, 1978, 1984, 1988, 1994, 1998, 2004, 2008, 2014, 2018, 2024	DNV/DV	The historical topographic maps show the property's location relative to the surrounding area and the changes in the property's appearance over time. The maps are used to identify historical features and structures on the property.

Notes:

¹ The scale of the photographs reviewed allowed for an interpretation of general property development/configuration, such as identifying most structures, roadways and clearings. However, the scale of the photographs did not allow for identification of specific property features, such as fuel pumps, wells or chemical storage areas on the subject property, if any.

4.2 Historical Property Ownership and Use Summary

USIT purchased the northern portion of the subject property from Nielsen Brothers approximately six to seven years ago and the southern portion from Burkland approximately five years ago according to our key person interview. Additional property transaction details for the subject property are presented in Table V above (historical Metsker Atlases). The subject property has never been developed with the exception of a pole building and two former mobile home sites based on the resources reviewed.

According to Skagit County Health Department, no records of environmental contamination, complaints, or other information were on file for the subject property.

4.3 Adjacent Properties

Adjacent properties were developed primarily for residential and agricultural uses since 1952 based on our review of the historical topographic maps.

4.4 Information Provided by Key Site Manager

Bob Hayden was identified as a 'key site manager' for the Phase I ESA study. A summary of the key person interview is provided below:

- Mr. Hayden has been familiar with the subject property for approximately six to seven years. He indicated that the northern two parcels were bought from Nielsen Brothers six to seven years ago and the southern parcel was purchased from Burkland approximately five years ago. Mr. Hayden said that logging had occurred on the subject property while the Nielson Brothers owned it.
- To the best of his knowledge, Mr. Hayden indicated that the subject property has never been developed with the exception of one pole building used for storage and two former mobile homes. He stated that fill material was brought to the subject property to construct fill pads for the former mobile home sites. The fill pads were never paved.
- The fill soil stockpiled northwest of the pole building was derived from on site clearing and grubbing activities. The fill soil stockpiled approximately 350 feet east of the pole building is topsoil that came from an offsite parking lot construction project that occurred on USIT trust land off North Darrk Lane.
- The former mobile homes had electric heating systems. Mr. Hayden was not aware of current or past heating oil tanks or any other USTs/ASTs being present at the subject property.
- The monitoring wells located on the subject property were installed for the purposes of monitoring background groundwater quality related to a proposed sewage treatment plant project to be located north of the subject property.
- The 10,000 gallon unleaded gasoline UST at the Upper Skagit Indian Tribe fuel dispenser located west of the northwest corner of the subject property was installed in November 2008.

The UST is a double walled tank with an intermediary leak alarm, is in good working condition, and has had no leaks.

- Mr. Hayden was not aware of potential environmental impacts to the subject property from offsite sources.

4.5 Environmental Liens or Property Use Restrictions

During the course of our research, we did not find that environmental liens had been filed against the subject property.

4.6 Information Provided by User/User Obligations

We did not receive responses to the user questionnaire that we provided to Upper Skagit Indian Tribe.

4.7 Findings

No known or suspect environmental conditions were identified by this portion of the study.

4.8 Data Gaps

Data gaps were not identified by this portion of the study with the exception that responses to the user questionnaire were not provided to us. This condition does not represent a significant data gap in our opinion based on the results of this Phase I ESA and our previous experience at the subject property.

5.0 CONCLUSIONS

GeoEngineers has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527 of the subject property identified in this report in Bow, Washington. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report.

We identified no RECS in connection with the subject with the exception of containers of concrete sealant, motor oil, kerosene, diesel fuel, and power steering fluid stored in the pole building. No soil staining or other visual evidence of releases was observed from the containers.

Two potential off-site RECs were identified during our research:

- The Thousand Trails property is located approximately 600 feet northwest of the subject property in an upgradient position relative to the subject property. The property had a leaking underground storage tank. The site was reported cleaned up to Ecology in 1995.
- A 10,000 gallon unleaded gasoline UST at the Upper Skagit Indian Tribe is located approximately 300 feet west of the northwest corner of the subject property in an upgradient position relative to the subject property. This UST was installed in 2008 and is reportedly in good working condition.

Impacts to the subject property would be a manifestation of groundwater contamination migrating from Thousand Trails and the above referenced UST. The subject property is underlain by relatively impermeable glacial soils that would inhibit contamination migrating to the subject property. The

Thousand Trails property and UST at the Upper Skagit Indian Tribe do not represent a significant REC to the subject property based on the information reviewed.

Regardless of these potential off-site sources, the Washington State Model Toxics Control Act exempts the subject property owner/operator from classification as an "owner/operator" should contamination migrate to this property from off-site sources (RCW 70.105D.020(12)(iii)). The property owner should not have any fiscal or cleanup responsibility for any potential impacts from these potential off-site sources.

6.0 LIMITATIONS

This Phase I ESA has been prepared for use by Upper Skagit Indian Tribe. GeoEngineers has performed this Phase I ESA of the subject property identified in this report in general accordance with the scope and limitations of our proposal dated January 10, 2010 and ASTM E 1527-05, Standard Practice for Phase I ESAs and EPA's Federal Standard 40 CFR Part 312 "Standards and Practices for All Appropriate Inquiries (AAI)."

Within the limitations of scope, schedule and budget, our services have been executed in accordance with the generally accepted environmental science practices for Phase I ESAs in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

Any electronic form, facsimile or hard copy of the original document (email, text, table, and/or figure), if provided, and any attachments are only a copy of the original document. The original document is stored by GeoEngineers, Inc. and will serve as the official document of record.

Please refer to Appendix C titled "Report Limitations and Guidelines for Use" for additional information pertaining to use of this report.

We appreciate the opportunity to be of service to Upper Skagit Indian Tribe. Please call if you require more information or have questions regarding this report.

7.0 REFERENCES

American Society for Testing and Materials (ASTM) Standard E 1527-05 for Phase I ESAs.

Area-Wide Soil Contamination Task Force Report dated June 30, 2003, Washington State Departments of Agriculture, Ecology, Health, and Community, Trade and Economic Development.

Geologic Map of the Bellingham 1:100,000 Quadrangle, Washington, Washington Division of Geology and Earth Resources, Open File Report 2005-5, December 2000 by Thomas J. Lapen.

"Geotechnical Engineering Services Report, Proposed Skagit Resort Water Park, Bow, Washington", dated February 26, 2007 and "Phase I Environmental Site Assessment, Tax Parcels P35839, P123324, P50416, and P50414, Bow, Washington", dated October 26, 2007.

Metsker Atlas maps provided by Bellingham Public Library, dated 1935, 1950, 1972, 1983, 1996.

EDR, 2010. EDR Radius Map Report dated January 7, 2010 (comprehensive environmental database report, including Ecology and EPA databases).

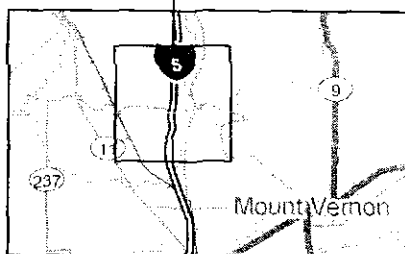
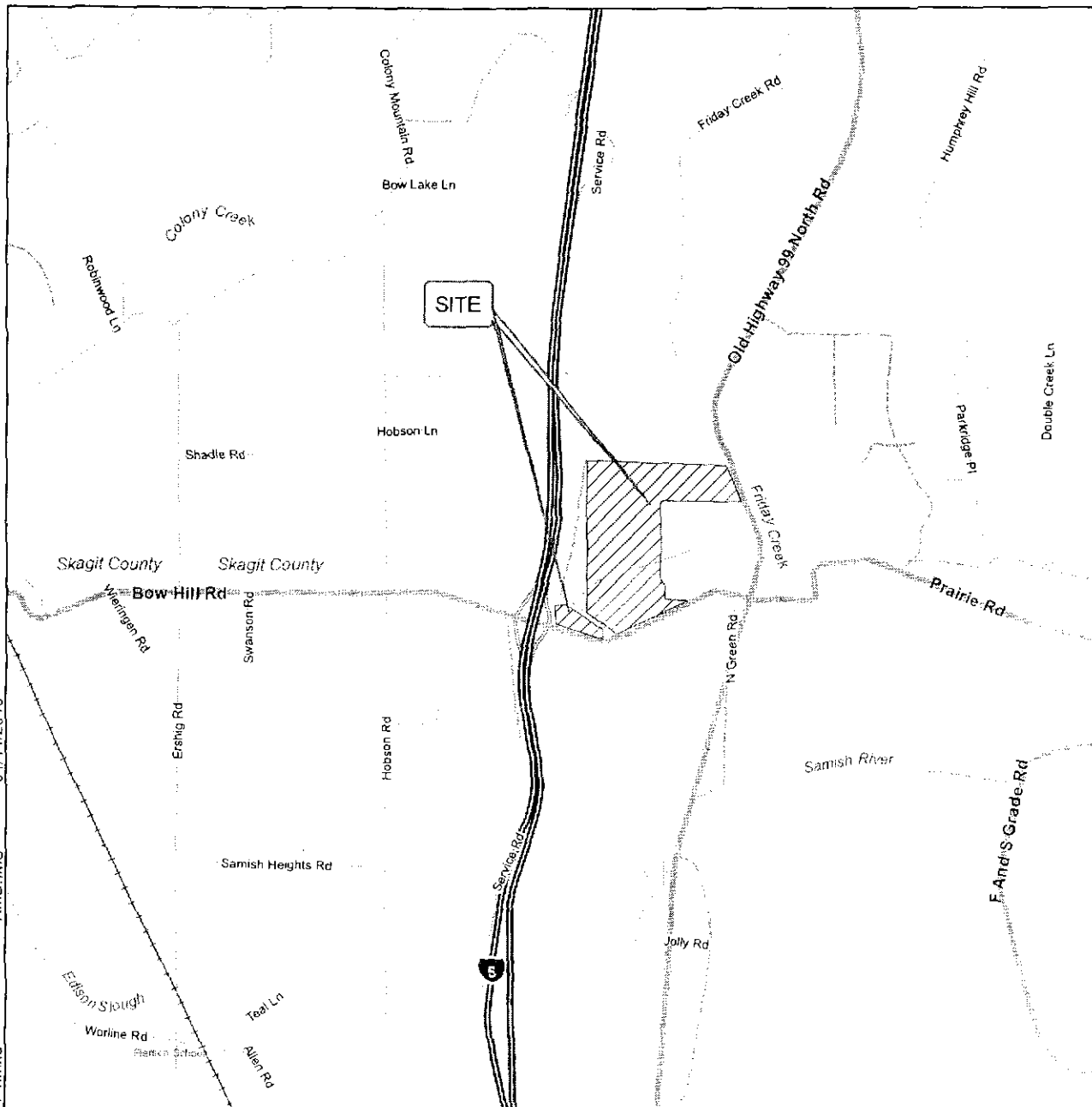
Aerial photographs provided by EDR dated 1971, 1981, and 1990.

United States Geological Survey (USGS) topographic maps for Alger, Washington quadrangle provided by EDR, dated 1952, 1954, 1968, 1994.

U.S. Environmental Protection Agency (EPA) Federal Standard 40 CFR Part 312 "Standards and Practices for All Appropriate Inquiries (AAI)

Skagit County Tax Assessor records from Skagit County website
<http://www.skagitcounty.net/Common/Asp/Default.asp?d=assessor&c=search&a=ParcelSearch&p=Search.asp&st=address>

Office: BELL Path: P:\0\00829-02\101\GIS\82902101 VM F1.mxd 01/14/2010 RMB:IMS

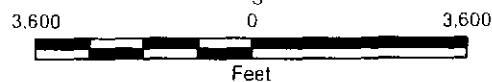


Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
3. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without permission.

Data Sources: ESRI Data & Maps, Street Maps 2005

Transverse Mercator, Zone 10 N North, North American Datum 1983
North arrow oriented to grid north

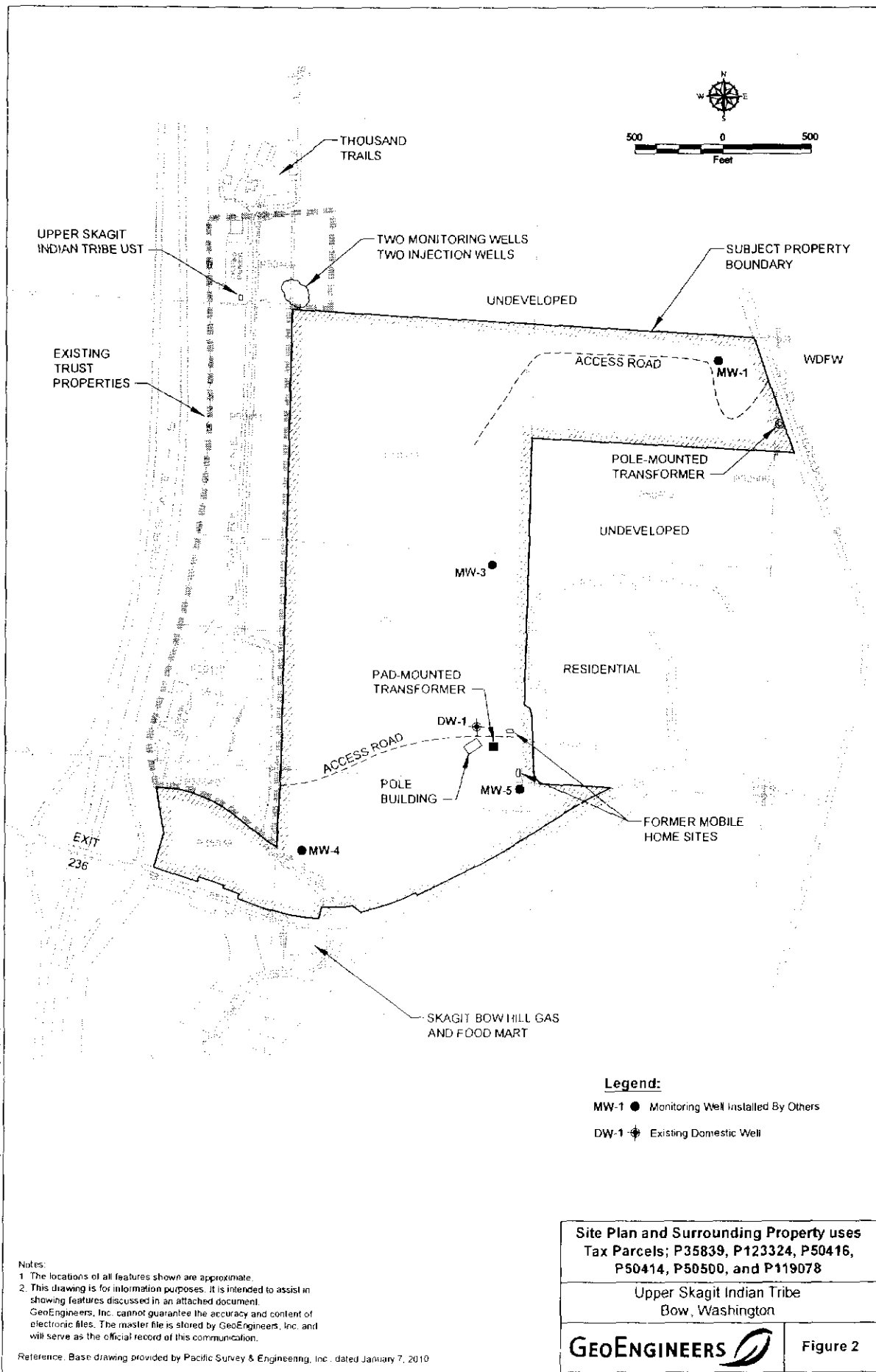


Vicinity Map

Tax Parcels 35839, 123324, 50416, 50414, 50500 and 119078
Bow, Washington

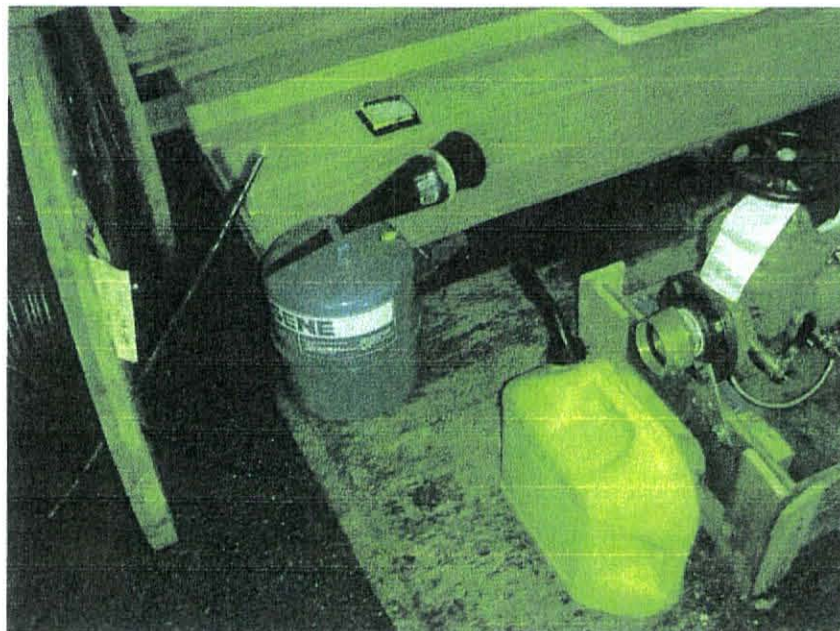
GEOENGINEERS

Figure 1





Empty 55-gallon drums and oil changing pan full of motor oil. No petroleum sheen observed on water surface below drums



Empty 5-gallon kerosene and diesel fuel containers

APPENDIX A
EDR Report and Legal Descriptions

The EDR Environmental LienSearch™ Report

**UPPER SKAGIT INDIAN TRIBE SITE
SKAGIT COUNTY
BOW, WA 98232**

Project Number 02022828.7

September 13, 2007



**EDR® Environmental
Data Resources Inc**



**The Standard in
Environmental Risk
Information**

440 Wheelers Farm Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report includes results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers follows established procedures to:

- search for parcel information, legal description, and ownership based on client supplied address information;
- research indexes and title repositories;
- obtain a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument (title, parties involved, and description); and
- provide a copy of the deed.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

UPPER SKAGIT INDIAN TRIBE SITE
5984 NORTH DARRK LANE
BOW, WA 98232

RESEARCH SOURCE

Sources: Skagit County

DEED INFORMATION

Type of Deed: WD ☒ QCD ☐ Other ☐ DEED

Title is vested in: Upper Skagit Indian Tribe, a Federally recognized Indian Tribe

Title received from: Pacific States Mortgage Corp., a Washington Corporation

Deed Dated: December 17, 2004
Deed Recorded: December 27, 2004
Document No. 200412270128

LEGAL DESCRIPTION

Description: Legal attached as Exhibit "A"

Assessor's Parcel Number: P50414

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If yes:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found ☒ Not Found ☐

Use Limitations recorded in Warranty Deed vesting title, found on page 2 of the Warranty Deed.

EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

UPPER SKAGIT INDIAN TRIBE SITE
5984 NORTH DARRK LANE
BOW, WA 98232

RESEARCH SOURCE

Sources: Skagit County

DEED INFORMATION

Type of Deed: WD ☒ QCD ☐ Other ☐ DEED

Title is vested in: Upper Skagit Indian Tribe

Title received from: Richmond JPJ Enterprises, Inc., a Washington Corporation

Deed Dated: July 2, 2003
Deed Recorded: July 14, 2003
Document No. 200307140227

LEGAL DESCRIPTION

Description: Legal attached as Exhibit "B"

Assessor's Parcel Number: P50416

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If yes:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found ☐ Not Found ☒

EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

UPPER SKAGIT INDIAN TRIBE SITE
5984 NORTH DARRK LANE
BOW, WA 98232

RESEARCH SOURCE

Sources: Skagit County

DEED INFORMATION

Type of Deed: WD ☒ QCD ☐ Other ☐ DEED

Title is vested in: Upper Skagit Indian Tribe

Title received from: Paul W. Brendle and Wanda M. Brendle, husband and wife

Deed Dated: April 24, 1995
Deed Recorded: April 25, 1995
Book: 1433
Page: 527

LEGAL DESCRIPTION

Description: Legal attached as Exhibit "C"

Assessor's Parcel Number: P35839

NOTE: Deed conveys an undivided 80% interest in the subject property.

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If yes:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found ☐ Not Found ☒

EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

UPPER SKAGIT INDIAN TRIBE SITE
5984 NORTH DARRK LANE
BOW, WA 98232

RESEARCH SOURCE

Sources: Skagit County

DEED INFORMATION

Type of Deed: WD ☒ QCD ☐ Other ☐ DEED

Title is vested in: Upper Skagit Indian Tribe

Title received from: Paul W. Brendle and Wanda M. Brendle, husband and wife

Deed Dated: April 24, 1995

Deed Recorded: April 25, 1995

Book: 1433

Page: 529

LEGAL DESCRIPTION

Description: Legal attached as Exhibit "D"

Assessor's Parcel Number: P35839

NOTE: Deed conveys 20% interest in the subject property.

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If yes:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found ☐ Not Found ☒

EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

UPPER SKAGIT INDIAN TRIBE SITE
5984 NORTH DARRK LANE
BOW, WA 98232

RESEARCH SOURCE

Sources: Skagit County

DEED INFORMATION

Type of Deed: WD ☐ QCD ☐ Other ☒ DEED

An extensive search of Skagit County public records was conducted and no deed vesting title could be found. Subject property has been owned by Upper Skagit Indian Tribe for an extended period of time and it is unknown when they took title.

LEGAL DESCRIPTION

Description: Legal attached as Exhibit "E"

Assessor's Parcel Number: P123324

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If yes:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found ☐ Not Found ☒

EDR Environmental LienSearch™ Report

EXHIBIT A

AFTER RECORDING MAIL TO:
Upper Skagit Indian Tribe
25948 Community Plaza Way
Sedro-Woolley, WA 98284

200412270128
Skagit County Auditor

12/27/2004 Page 1 of 2 11:18AM

Filed for Record at Request of
Land Title Company of Skagit
Escrow Number: 214414-FE1

LAND TITLE OF SKAGIT COUNTY

Statutory Warranty Deed

Grantor(s): Pacific States Mortgage Corp.
Grantee(s): Upper Skagit Indian Tribe
Abbreviated Legal Description SE 1/4, 31-36-4 E W.M. & pm SW 1/4, 32-36-4 E W.M.
Assessor's Tax Parcel Number(s): 360431-4-002-0007, P50414, 360432-3-004-0006, P50500

THE GRANTOR Pacific States Mortgage Corp., a Washington Corporation for and in consideration of TEN DOLLARS AND OTHER GOOD AND VALUABLE CONSIDERATION in hand paid, conveys and warrants to Upper Skagit Indian Tribe, a federally recognized indian tribe the following described real estate, situated in the County of Skagit, State of Washington.

The North 1/4 of the Southeast 1/4 of Section 31, and that portion of the Northwest 1/4 of the Southwest 1/4 of Section 32 lying West of the State Highway, all in Township 36 North, Range 4 East, W.M., EXCEPT that portion, if any, conveyed to the State of Washington, Department of Fisheries, including that conveyed by deed dated February 2, 1940, filed February 15, 1940 as File No. 321913 and recorded in Volume 180 of Deeds at page 30, AND EXCEPT that portion described as follows:

Beginning at the intersection of the West line of Highway 99 and the South line of the Northwest 1/4 of the Southwest 1/4 of said Section 32;
thence West along said South line and the South line of the Northeast 1/4 of the Southeast 1/4 of said Section 31 to the Southwest corner of said Northeast 1/4 of the Southeast 1/4;
thence North along the West line of said Northeast 1/4 of the Southeast 1/4 660 feet;
thence East parallel to the South line of said Northeast 1/4 of the Southeast 1/4 and said Northwest 1/4 of the Southwest 1/4 to the West line of said Highway 99;
thence South along said highway to the point of beginning.

Situate in the County of Skagit, State of Washington.

Subject to: Schedule "B-1" attached hereto and made a part thereof.

Dated December 17, 2004
Pacific States Mortgage Corp.

By: Robert Olsson, CEO

#6920
SKAGIT COUNTY WASHINGTON
REAL ESTATE EXCISE TAX

DEC 27 2004

Amount Paid \$
Skagit Co. Treasurer
By: Deputy

STATE OF Washington)
County of Skagit) SS:

I certify that I know or have satisfactory evidence Robert Olsson is

me, and said person acknowledged that he signed this instrument, on oath stated He is
authorized to execute the instrument and is CEO

of Pacific States Mortgage Corp.

to be the free and voluntary act of such party for the uses and purposes mentioned in this instrument.

Dated: December 17, 2004

CARLE E HUFFER
STATE OF WASHINGTON
NOTARY PUBLIC
MY COMMISSION EXPIRES 12-31-07

Carle Huffer
Notary Public in and for the State of Washington
Residing at Burlington
My appointment expires: 12/31/2007

EXCEPTIONS:

A. NOTICE OF MORATORIUM ON NON-FORESTRY USE OF LAND, AND THE TERMS AND CONDITIONS THEREOF

Executed By: Goodyear Nelson Hardwood Lumber Co.
Recorded: October 17, 1997
Auditor's File No.: 9710170041
Approval Date: October 16, 1997
Providing:

...the land subject to this forest practices application/notification will not be converted to an active use incompatible with timber growing within six years after the approval date of the forest practices permitted in the forest practices application/notification.

B. NOTICE OF MORATORIUM ON NON-FORESTRY USE OF LAND, AND THE TERMS AND CONDITIONS THEREOF

Executed By: Goodyear Nelson Hardwood Lumber Co.
Recorded: December 16, 1997
Auditor's File No.: 9742160034
Approval Date: October 1, 1997
Providing:

...the land subject to this forest practices application/notification will not be converted to an active use incompatible with timber growing within six years after the approval date of the forest practices permitted in the forest practices application/notification.

C. NOTICE OF MORATORIUM ON NON-FORESTRY USE OF LAND, AND THE TERMS AND CONDITIONS THEREOF

Executed By: Goodyear Nelson Hardwood Lumber Co.
Recorded: December 20, 1999
Auditor's File No.: 199912200003
Approval Date:
Providing:

...the land subject to this forest practices application/notification will not be converted to an active use incompatible with timber growing within six years after the approval date of the forest practices permitted in the forest practices application/notification.



200412270128
Skagit County Auditor

EXHIBIT B

UPPER SKAGIT INDIAN TRIBE
AFTER RECORDING MAIL TO:
Upper Skagit Indian Tribe
25948 Community Plaza Way
Sedro Woolley, WA 98284



200307140227
Skagit County Auditor

7/14/2003 Page 1 of 2 3:41PM

Filed for Record at Request of
Land Title Company Of Skagit County
Escrow Number: 107564-PE

LAND TITLE COMPANY OF SKAGIT COUNTY

Statutory Warranty Deed

Grantor(s): Richmond JPJ Enterprises, Inc.
Grantee(s): Upper Skagit Indian Tribe
Abbrev. Legal: Ptn SW1/4 SE 1/4 S31-T36-R4E
Additional legal(s) on page: 2
Assessor's Tax Parcel Number(s): 360431-4-004-0013/PS0416, PS0416

THE GRANTOR RICHMOND JPJ ENTERPRISES, INC., a Washington Corporation for and in consideration of TEN DOLLARS AND OTHER GOOD AND VALUABLE CONSIDERATION in hand paid, conveys and warrants to UPPER SKAGIT INDIAN TRIBE, a federally recognized Indian Tribe the following described real estate, situated in the County of Skagit, State of Washington.

SEE ATTACHED EXHIBIT "A" HERETO FOR LEGAL DESCRIPTION

TOGETHER WITH THAT CERTAIN MOBILE HOME TITLE ELIMINATIONS RECORDED UNDER AUDITOR'S FILE NO. 199907300085 AND 199907300086, LOCATED AND CONSIDERED A PART THEREOF.

ALSO TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS THROUGH THE PLAT OF RIVER VALLEY VIEW ESTATES TO ACCESS THE SUBJECT PROPERTY UNTIL SEPTEMBER 30, 2003, AT WHICH TIME THIS EASEMENT SHALL BE TERMINATED.

Dated July 2, 2003

3440
SKAGIT COUNTY WASHINGTON
REAL ESTATE EXCISE TAX

Richmond JPJ Enterprises, Inc.

JUL 14 2003

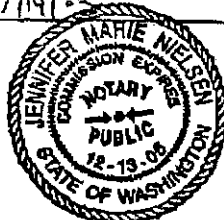
By: Rob Nielsen, President

Amount Paid \$ 0777.75
Skagit Co. Treasurer
by [Signature] Deputy

STATE OF Washington)
County of Skagit) SS:

I certify that I know or have satisfactory evidence
Rob Nielsen the person who appeared before
me, and said person acknowledged that he signed this instrument, on oath stated
authorized to execute the instrument and is
President of Richmond JPJ Enterprises Inc.
to be the free and voluntary act of such party for the uses and purposes mentioned in this instrument.

Dated: 7/14/03



[Signature: Jennifer M. Nielsen]
Notary Public in and for the State of Washington

Residing at Bellingham

My appointment expires: 12/13/08

P-50416

Schedule "A-1"

DESCRIPTION:

PARCEL "A":

The Southwest ¼ of the Southeast ¼ of Section 31, Township 36 North, Range 4 East, W.M.

Situate in the County of Skagit, State of Washington.

PARCEL "B":

A non-exclusive easement for road and utilities as contained in instrument from Nielsen Brothers Inc. to Richmond JPF Enterprises, Inc., recorded January 4, 2002, under Auditor's File No. 200201040067, records of Skagit County, Washington.

Situate in the County of Skagit, State of Washington.

PARCEL "C":

All that portion of Lot 1 as shown on the Plat of River Valley View Estates, recorded as Auditor's File No. 200105070102, records of Skagit County, Washington, and being more particularly described as follows:

Beginning at the Southwest corner of said Lot 1;
thence North 01°35'01" East, along the West line of said Lot 1, a distance of 448.00 feet;
thence South 57°45'27" East, a distance of 36.70 feet;
thence South 20°34'51" East, a distance of 36.70 feet;
thence South 02°00'00" East, a distance of 345.00 feet;
thence South 29°58'52" East, a distance of 63.00 feet to the South line of said Lot 1;
thence North 86°51'44" West, along said South line, a distance of 100.00 feet to the point of beginning.

TOGETHER WITH AND SUBJECT TO a 12.00-foot wide easement for ingress, egress over a portion of Lot 1, River Valley View Estates, as shown on Plat recorded as Auditor's File No. 200105070102, records of Skagit County, Washington, said easement being 6.00 feet on each side, measured at right angles, from the following described centerline:

Beginning at the Southwest corner of said Lot 1;
thence North 01°35'01" East, along the West line of said Lot 1, a distance of 448.00 feet to the true point of beginning;
thence South 57°45'27" East, a distance of 36.70 feet;
thence South 20°34'51" East, a distance of 36.70 feet;
thence South 02°00'00" East, a distance of 345.00 feet to the terminus.

The sidelines of the above described easement shall be lengthened and foreshortened to terminate at the West line of said Lot 1.

Situate in the County of Skagit, State of Washington.



200307140227
Skagit County Auditor

7/14/2003 Page 2 of 2 3:41PM

EXHIBIT C



Land Title Company
of Skagit County

Filed for Record at Request of
Land Title Company of Skagit County

AFTER RECORDING MAIL TO:

9504250042

Name The Upper Skagit Indian Tribe
Address 2284 Community Plaza
City, State, Zip Sedro Woolley, WA 98284

Escrow Number: T-74359-E

LAND TITLE COMPANY OF SKAGIT COUNTY

This Space Reserved For Recorder's Use

RECORDED
INDEXED
APR 25 1995
SKAGIT COUNTY

Statutory Warranty Deed

THE GRANTOR PAUL W. BRENDLE and WANDA M. BRENDLE, husband and wife

for and in consideration of TEN DOLLARS AND OTHER GOOD AND VALUABLE CONSIDERATION in hand paid, conveys and warrants to THE UPPER SKAGIT INDIAN TRIBE, a federally recognized Indian Tribe

the following described real estate, situated in the County of Skagit, State of Washington:
An undivided 80% interest in the following described property as shown in Exhibit A attached hereto and by this reference made a part hereof.

SUBJECT TO Easement recorded August 11, 1980 under Auditor's File No. 8008110023 and modified August 13, 1980 under Auditor's File No. 8008130012

Dated this 24th day of April, 1995

By Paul W. Brendle
Paul W. Brendle

By Wanda M. Brendle
Wanda M. Brendle

STATE OF Washington
County of Skagit SS:

I certify that I know or have satisfactory evidence that Paul W. Brendle and Wanda M. Brendle

are the person s who appeared before me, and said person s acknowledged that they signed this instrument and acknowledge it to be their free and voluntary act for the uses and purposes mentioned in this instrument.

Dated: April 24th, 1995

Nancy Lee Cleave
Nancy Lee Cleave
Notary Public in and for the State of Washington
Residing at Mount Vernon
My appointment expires 9-1-98



9504250042

L2B-10

BK 1433 PG 0527

P-35839

Exhibit A

That portion of Government Lots 2 and 3 in Section 6, Township 35, North, Range 4, East, W.M., lying southerly of the Old Bow Hill County road, (as located and established prior to January 18, 1963), northerly of the county road as conveyed to Skagit County by deed dated January 18, 1963, recorded January 18, 1963, as Auditor's File No. 631052 and Easterly of P.S.N. #1, EXCEPT that portion, if any, lying within the boundaries of the following described tract:

Beginning at the Northwest corner of said Government Lot 2;
thence South $7^{\circ}35'28''$ West along the West line thereof a distance of 1066.36 feet;
thence South $87^{\circ}24'32''$ East a distance of 542.13 feet to a $3/4$ inch iron pipe and the true point of beginning;
thence North $35^{\circ}31'45''$ West a distance of 123.81 feet to a $3/4$ inch iron pipe;
thence North $11^{\circ}01'45''$ East a distance of 68 feet, more or less, to the south line of the County Road (Bow Hill Road);
thence Easterly along the South line of said County Road a distance of 220 feet, more or less, to a point bearing North $48^{\circ}04'10''$ East from the true point of beginning;
thence South $48^{\circ}04'10''$ West a distance of 213 feet, more or less, to the true point of beginning, EXCEPT County Road and right of way therefore, if any.

Situate in the County of Skagit, State of Washington.

9504250042

001433PG0528

EXHIBIT D



Land Title Company
of Skagit County

Filed for Record at Request of
Land Title Company of Skagit County

AFTER RECORDING MAIL TO:

9504250043

Name The Upper Skagit Indian Tribe
Address 2284 Community Plaza
City, State, Zip Sedro Woolley, WA 98284

Escrow Number: T-74359-E

LAND TITLE COMPANY OF SKAGIT COUNTY

Statutory Warranty Deed

THE GRANTOR PAUL W. BRENDLE and WANDA M. BRENDLE, husband and wife

for and in consideration of No Consideration, Gift to Grantee
in hand paid, conveys and warrants to THE UPPER SKAGIT INDIAN TRIBE, a federally recognized
Indian Tribe

the following described real estate, situated in the County of Skagit, State of Washington:
An undivided 20% interest in the following described property as shown in Exhibit
A attached hereto and by this reference made a part hereof.

SUBJECT TO Easement recorded August 11, 1980 under Auditor's File No. 8008110023 and
modified August 13, 1980 under Auditor's File No. 8008130012.

Dated this 24th day of April, 1995

By Paul W. Brendle
Paul W. Brendle

By _____ APR 25 1995

By Wanda M. Brendle
Wanda M. Brendle

By _____

STATE OF Washington
County of Skagit } SS:

I certify that I know or have satisfactory evidence that Paul W. Brendle and Wanda M. Brendle

are the person s who appeared before me, and said person s acknowledged that they
signed this instrument and acknowledge it to be their free and voluntary act for the uses and purposes
mentioned in this instrument.

Dated: April 24th, 1995

Nancy Lee Cleave
Notary Public in and for the State of Washington
Residing at Mount Vernon
My appointment expires: 9-1-98

9504250043

BK1433PG0529

LPS-70

Exhibit A

That portion of Government Lots 2 and 3 in Section 6, Township 35, North, Range 4 East, W.M., lying southerly of the Old Bow Hill County Road, (as located and established prior to January 18, 1963), northerly of the county road as conveyed to Skagit County by deed dated January 18, 1963, recorded January 18, 1963, as Auditor's File No. 631052 and Easterly of P.S.B. #1, EXCEPT that portion, if any, lying within the boundaries of the following described tract:

Beginning at the Northwest corner of said Government Lot 2;
thence South $2^{\circ}35'28''$ West along the West line thereof a distance of 1066.36 feet;
thence South $87^{\circ}24'32''$ East a distance of 542.13 feet to a $3/4$ inch iron pipe and the true point of beginning;
thence North $35^{\circ}31'45''$ West a distance of 123.81 feet to a $3/4$ inch iron pipe;
thence North $11^{\circ}01'45''$ East a distance of 68 feet, more or less, to the South line of the county Road (Bow Hill Road);
thence Easterly along the South line of said County Road a distance of 220 feet, more or less, to a point bearing North $48^{\circ}04'10''$ East from the true point of beginning;
thence South $48^{\circ}04'10''$ West a distance of 213 feet, more or less, to the true point of beginning; EXCEPT County Road and right of way therefore, if any.

Situate in the County of Skagit, State of Washington.

9504250043

BK1433PG0530

EXHIBIT E

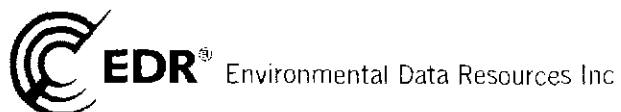
Legal Description

ACREAGE ACCOUNT, ACRES 20.74, THAT PORTION OF GOVERNMENT LOTS 1 AND 2, IN SECTION 6, TOWNSHIP 35 NORTH, RANGE 4 EAST, W.M., LYING NORTHERLY OF THE RIGHT OF WAY FOR THE BOW HILL COUNTY ROAD, AS SAID ROAD EXISTED ON APRIL 16, 1968, EXCEPT THAT PORTION THEREOF LYING SOUTHERLY OF THE OLD BOW HILL COUNTY ROAD, AS SAID ROAD EXISTED ON JANUARY 18, 1963. SURVEY RECORDED AF#200508020064.

Upper Skagit Indian Tribe Site
6019 NORTH DARRK LANE
Bow, WA 98232

Inquiry Number: 2673432.1s
January 07, 2010

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Maford, CT 06461
Tel Free 800 352 6966
www.edr-et.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

6019 NORTH DARRK LANE
BOW, WA 98232

COORDINATES

Latitude (North):	48.561500 - 48° 33' 41.4"
Longitude (West):	122.343100 - 122° 20' 35.2"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	548469.1
UTM Y (Meters):	5378701.0
Elevation:	261 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	48122-E3 ALGER, WA
Most Recent Revision:	1994

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL.....	National Priority List
Proposed NPL.....	Proposed National Priority List Sites
NPL LIENS.....	Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL.....	National Priority List Deletions
-------------------	----------------------------------

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Transporters, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

HSL..... Hazardous Sites List

State- and tribal - equivalent CERCLIS

CSCSL..... Confirmed and Suspected Contaminated Sites List

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Facility Database

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tanks Site List
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Aboveground Storage Tank Locations
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

INST CONTROL..... Institutional Control Site List

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing
ICR..... Independent Cleanup Reports

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
SWTIRE..... Solid Waste Tire Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
CSCSL NFA..... Confirmed & Contaminated Sites - No Further Action
CDL..... Clandestine Drug Lab Contaminated Site List
HIST CDL..... List of Sites Contaminated by Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Reported Spills

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision

EXECUTIVE SUMMARY

UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Wells Listing
MANIFEST.....	Hazardous Waste Manifest Data
DRYCLEANERS.....	Drycleaner List
NPDES.....	Water Quality Permit System Data
AIRS.....	Washington Emissions Data System
Inactive Drycleaners.....	Inactive Drycleaners
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH.....	Coal Ash Disposal Site Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State and tribal registered storage tank lists

EXECUTIVE SUMMARY

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 11/24/2009 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BOW HILL GAS & FOOD MART</i>	<i>5984 N DARRK LN</i>	<i>NNW 1/8 - 1/4 (0.233 mi.)</i>	<i>1</i>	<i>7</i>

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: Information on facilities and sites of interest to the Department of Ecology.

A review of the ALLSITES list, as provided by EDR, and dated 11/07/2009 has revealed that there are 2 ALLSITES sites within approximately 0.5 miles of the target property.

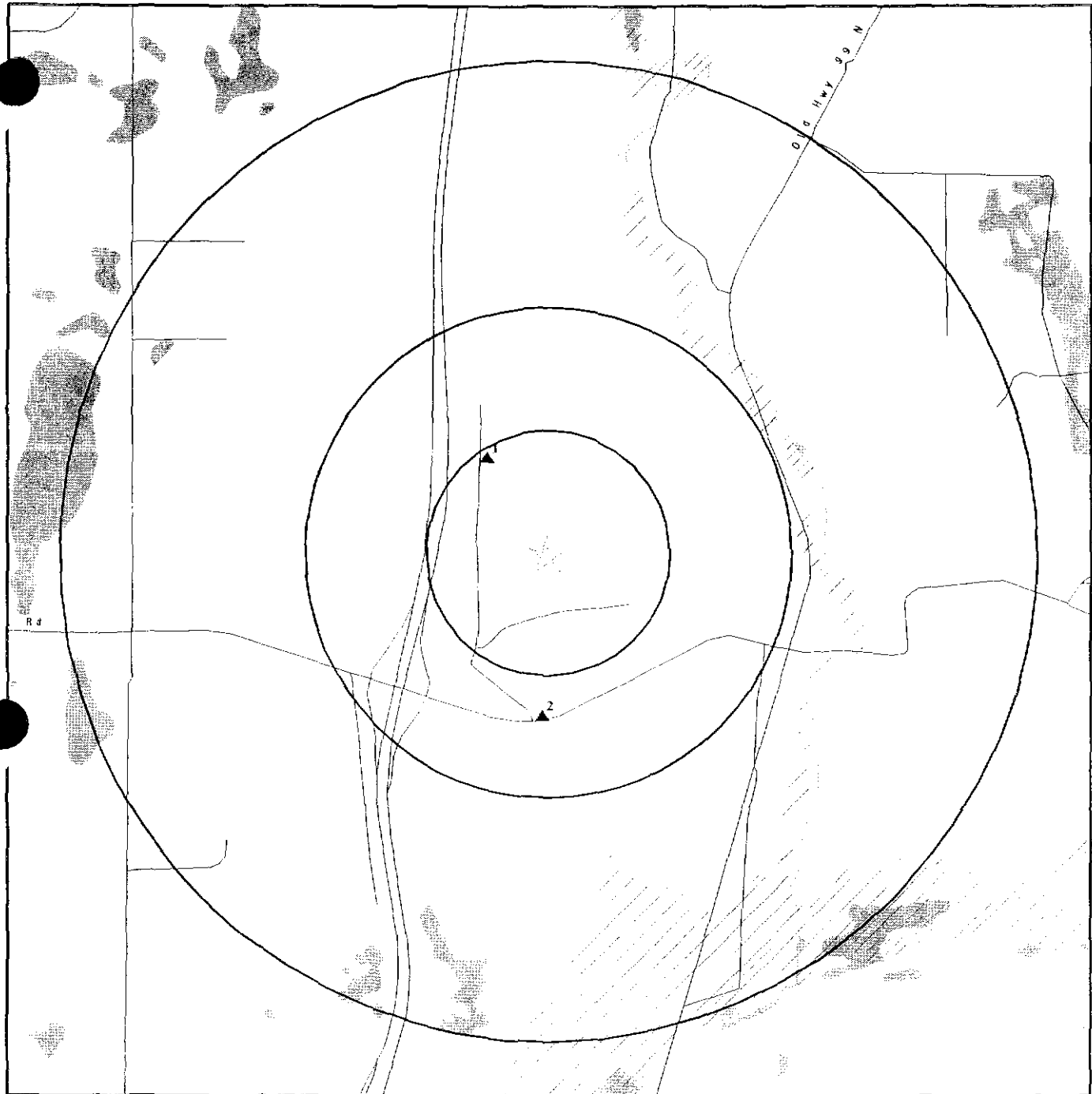
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BOW HILL GAS & FOOD MART</i>	<i>5984 N DARRK LN</i>	<i>NNW 1/8 - 1/4 (0.233 mi.)</i>	<i>1</i>	<i>7</i>
<i>THOUSAND TRAILS INC MOUNT VERN</i>	<i>5409 DARRK LN</i>	<i>S 1/4 - 1/2 (0.331 mi.)</i>	<i>2</i>	<i>8</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
TONY E GOODE	ALLSITES, UST
PULLEY RIDGE WETLAND MITIGATION SI	ALLSITES
5 SOUTHBOUND MP 238	RCRA-CESQG, FINDS, ALLSITES
BOUSLOG INDUSTRIAL SITE DEVELOPMEN	ALLSITES
1495 RT 20	FINDS, ALLSITES
NORTHWEST AIR POLLUTION AUTHOR BUR	ALLSITES
STEEN RETAIL CENTER	ALLSITES
1340 HWY 99	FINDS, ALLSITES
RALLYE AUTO SALES INC	ALLSITES
SITE PLAN FOR RE CARPET	ALLSITES
WASTE MGMT SKAGIT CO HAULING	ALLSITES
SKAGIT PREVENTIVE DENTAL CLINIC	ALLSITES
BEN RICHARDS FABRICATION	ALLSITES
MOTOR WORKS NW	ALLSITES
SKAGIT COUNTY DEPARTMENT OF PARKS	ALLSITES
HYUNDAI DEALERSHIP FOR SKAGIT CROS	ALLSITES
SKAGIT CNTY PWD BUTLER PIT	ALLSITES
SKAGIT TRANSMISSION LILA LANE	ALLSITES
5585 OLD HWY 99 N	FINDS, ALLSITES, UST
3570 OLD HWY 99 N	FINDS, ALLSITES, UST
200 OLD HWY 99	FINDS, ALLSITES
OLD HWY 99 MP 439	RCRA-NonGen, FINDS, ALLSITES
RONNIES STATION	ALLSITES
CONCRETE NORWEST BELLEVILLE PIT	ALLSITES
CAMPING WORLD INC	ALLSITES
PSE SKAGIT SERVICE CENTER	ALLSITES, MANIFEST
SKAGIT FARMERS SUPPLY	ALLSITES, UST
TUDOR SITE COMMERCIAL	ALLSITES
NORTH BURLINGTON BLVD IMPROVEMENT	ALLSITES
CLEMENTS CONDOMINIUMS	RCRA-NonGen, FINDS, ALLSITES
ALGER VIDEO	LUST
680 HWY 20 W	RCRA-SQG, FINDS
HWY 20 & ALDER RD	RCRA-NonGen, FINDS
PSE SKAGIT SERVICE CENTER	RCRA-NonGen
UPPER BIGGER LAKE	ERNS
PSE SKAGIT SERVICE CENTER	FINDS
SKAGIT FARMERS SUPPLY II	FINDS
SKAGIT COUNTY PUBLIC WORKS DEPT. -	ICR
PORT OF SKAGIT COUNTY	ICIS
SKAGIT COUNTY DRAINAGE DISTRICT 5	NPDES

OVERVIEW MAP - 2673432.1s

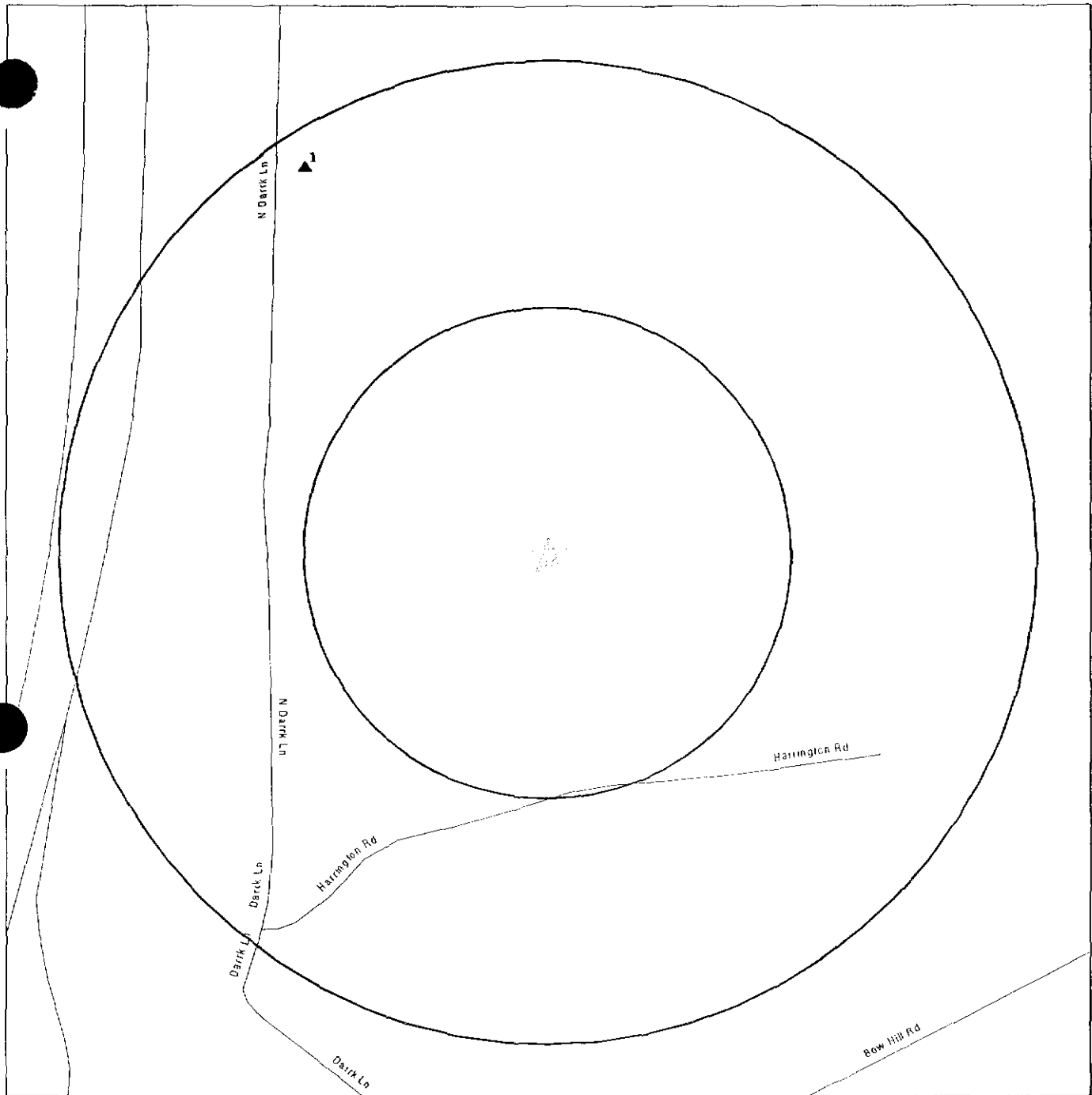


- * Target Property
- ▲ Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

SITE NAME: Upper Skagit Indian Tribe Site
 ADDRESS: 6019 NORTH DARRK LANE
 Bow WA 98232
 LAT/LONG: 48.5615 / 122.3431

CLIENT: Geo Engineers, Inc.
 CONTACT: Ron Bek
 INQUIRY #: 2673432.1s
 DATE: January 07, 2010 6:36 pm

DETAIL MAP - 2673432.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BfA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

0 1/16 1/8 1/4 Miles

SITE NAME: Upper Skagit Indian Tribe Site
 ADDRESS: 6019 NORTH DARRK LANE
 Bow WA 98232
 LAT/LONG: 48.5615 / 122.3431

CLIENT: Geo Engineers, Inc.
 CONTACT: Ron Bek
 INQUIRY #: 2673432.1s
 DATE: January 07, 2010 6:37 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
HSL		1.000	0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
CSCSL		1.000	0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
UST		0.250	0	1	NR	NR	NR	1
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
ICR		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	1	1	NR	NR	2
CSCSL NFA	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
HIST CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST		0.250	0	0	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
Inactive Drycleaners		0.250	0	0	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
NNW
1/8-1/4
0.233 mi.
1228 ft.

BOW HILL GAS & FOOD MART
5984 N DARRK LN
BOW, WA 98232

FINDS 1007122134
ALLSITES N/A
UST

Relative:
Higher

FINDS:

Registry ID: 110015930162

Actual:
268 ft.

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

ALLSITES:

Facility Id: 5177350
Latitude: 48.564389000942597
Longitude: -122.345333
Geographic location identifier (alias facid): 5177350
Facility Name: BOW HILL GAS & FOOD MART
Latitude Decimal Degrees: 48.564388999999998
Longitude Decimal Degrees: -122.345333
Coordinate Point Areal Extent Code: 4
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 8
Location Verified Code: N

Geographic location identifier (alias facid): 5177350
Facility Name: BOW HILL GAS & FOOD MART
Latitude Decimal Degrees: 48.564388999999998
Longitude Decimal Degrees: -122.345333
Coordinate Point Areal Extent Code: 4
Horizontal Accuracy Code: 99
Coordinate Point Geographic Position Code: 8
Location Verified Code: N

UST:

Facility ID: 5177350
Site ID: 618944
Lat Deg: 48
Lat Min: 33
Lat Sec: 51.8004033934784
Long Deg: -122
Long Min: 20
Long Sec: 43.1987999999365
UBI: 6026119620010002
Phone Number: 3607240223

Tank ID: 618313
Tank Name: TANK #1
Install Date: 6/17/2003
Capacity: 20,000 to 29,999 Gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOW HILL GAS & FOOD MART (Continued)

1007122134

Tank Upgrade Date: 6/17/2003
TankSystem Status: Operational
TankSystem Status Change Date: 1/1/0001
Tank Status: Operational
Tank Permit Expiration Date: 5/31/2010
Tank Closure Date: 1/1/0001
Tank Pumping System: Pressurized System
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Automatic Shutoff (fill pipe)
Tank Material: Fiberglass Reinforced Plastic
Tank Construction: Double Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Corrosion Resistant
Pipe Material: Flexible Piping
Pipe Construction: Double Wall Pipe
Pipe Primary Release Detection: Automatic Line Leak Detection
Pipe Second Release Detection: Interstitial Monitoring (sump sensor)
Pipe Corrosion Protection: Corrosion Resistant
Tank Primary Release Detection: Interstitial Monitoring
Tank Second Release Detection: Not reported
Pipe Tightness Test: No
Tank Actual Status Date: 6/17/2003
Tag Number: A5241

2
South
1/4-1/2
0.331 mi.
1745 ft.

THOUSAND TRAILS INC MOUNT VERNON
5409 DARRK LN
BOW, WA 98232

FINDS 1007075808
ALLSITES N/A
UST

Relative:
Higher

FINDS:

Registry ID: 110015524574

Actual:
265 ft.

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

ALLSITES:

Facility Id: 13182941
Latitude: 48.56718
Longitude: -122.34556000000001
Geographic location identifier (alias facid): 13182941
Facility Name: THOUSAND TRAILS INC MOUNT VERNON
Latitude Decimal Degrees: 48.56718
Longitude Decimal Degrees: -122.34556000000001
Coordinate Point Areal Extent Code: 4
Horizontal Accuracy Code: 4
Coordinate Point Geographic Position Code: 5
Location Verified Code: Y

Geographic location identifier (alias facid): 13182941

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THOUSAND TRAILS INC MOUNT VERNON (Continued)

1007075808

Facility Name: THOUSAND TRAILS INC MOUNT VERNON
Latitude Decimal Degrees: 48.56718
Longitude Decimal Degrees: -122.34556000000001
Coordinate Point Areal Extent Code: 4
Horizontal Accuracy Code: 4
Coordinate Point Geographic Position Code: 5
Location Verified Code: Y

UST:

Facility ID: 13182941
Site ID: 200592
Lat Deg: 48
Lat Min: 34
Lat Sec: 1.84800000000166
Long Deg: -122
Long Min: 20
Long Sec: 44.01600000000219
UBI: Not reported
Phone Number: L00191

Tank ID: 563561
Tank Name: 1
Install Date: 1/1/1975
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 1/4/1991
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001
Tank Pumping System: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Tank Primary Release Detection: Not reported
Tank Second Release Detection: Not reported
Pipe Tightness Test: Not reported
Tank Actual Status Date: 3/30/2001
Tag Number: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BOW	U004041020	TONY E GOODE	1264 HWY 237	98232	ALLSITES, UST
BOW	S109823967	PULLEY RIDGE WETLAND MITIGATION SI	BOW HILL RD	98232	ALLSITES
BOW	1001491300		5 SOUTHBOUND MP 238	98232	RCRA-CESQG, FINDS, ALLSITES
BOW	S109140198	SKAGIT COUNTY DRAINAGE DISTRICT 5	13501 SULLIVAN RD	98232	NPDES
BURLINGTON	S110040590	BOUSLOG INDUSTRIAL SITE DEVELOPMEN	12185TH & 12209 BAYRIDGE DR	98233	ALLSITES
BURLINGTON	1007451864		1495 RT 20	98233	FINDS, ALLSITES
BURLINGTON	1001082019		680 HWY 20 W	98233	RCRA-SQG, FINDS
BURLINGTON	1000411159		HWY 20 & ALDER RD	98233	RCRA-NonGen, FINDS
BURLINGTON	S109555361	NORTHWEST AIR POLLUTION AUTHOR BUR	HWY 20 & ALDER RD	98233	ALLSITES
BURLINGTON	S110040904	STEEN RETAIL CENTER	740 HWY 20	98233	ALLSITES
BURLINGTON	1007070319		1340 HWY 99	98233	FINDS, ALLSITES
BURLINGTON	S110040218	RALLYE AUTO SALES INC	1010 HWY 99	98233	ALLSITES
BURLINGTON	S110039474	SITE PLAN FOR RE CARPET	478 ANDIS RD	98233	ALLSITES
BURLINGTON	S104485670	SKAGIT COUNTY PUBLIC WORKS DEPT. -	201 E AVON	98233	ICR
BURLINGTON	S110037641	WASTE MGMT SKAGIT CO HAULING	12122 BAY RIDGE DR	98233	ALLSITES
BURLINGTON	S110037855	SKAGIT PREVENTIVE DENTAL CLINIC	241 S BURLINGTON BLVD	98233	ALLSITES
BURLINGTON	S110038266	BEN RICHARDS FABRICATION	702 CASCADE HWY	98233	ALLSITES
BURLINGTON	S110040273	MOTOR WORKS NW	701 CASCADE HWY	98233	ALLSITES
BURLINGTON	S109824275	SKAGIT COUNTY DEPARTMENT OF PARKS	690 COUNTY SHOP LN	98233	ALLSITES
BURLINGTON	S110035994	HYUNDAI DEALERSHIP FOR SKAGIT CROS	1359 GOLDENROD RD	98233	ALLSITES
BURLINGTON	1011492584	PORT OF SKAGIT COUNTY	1180 HIGGINS AIRPORT WAY	98233	ICIS
BURLINGTON	S110037652	SKAGIT CNTY PWD BUTLER PIT	1647 KELLEHER RD	98233	ALLSITES
BURLINGTON	S109824206	SKAGIT TRANSMISSION LILA LANE	303 LILA LN	98233	ALLSITES
BURLINGTON	1007071732		5585 OLD HWY 99 N	98233	FINDS, ALLSITES, UST
BURLINGTON	1007077709		3570 OLD HWY 99 N	98233	FINDS, ALLSITES, UST
BURLINGTON	1007062132		200 OLD HWY 99	98233	FINDS, ALLSITES
BURLINGTON	1001600555		OLD HWY 99 MP 439	98233	RCRA-NonGen, FINDS, ALLSITES
BURLINGTON	S102997431	ALGER VIDEO	3570 OLD HWY 99 N	98233	LUST
BURLINGTON	S109824804	RONNIES STATION	1714 OLD HWY 99 S	98233	ALLSITES
BURLINGTON	S110036871	CONCRETE NORWEST BELLEVILLE PIT	8198 OLD HWY 99 N RD	98233	ALLSITES
BURLINGTON	S110039786	CAMPING WORLD INC	1240 OLD HWY 99	98233	ALLSITES
BURLINGTON	1011399842	PSE SKAGIT SERVICE CENTER	1660 PARK LN NE	98233	FINDS
BURLINGTON	1011266889	SKAGIT FARMERS SUPPLY II	1660 PARK LN	98233	FINDS
BURLINGTON	S109053276	PSE SKAGIT SERVICE CENTER	1660 PARK LN NE	98233	ALLSITES, MANIFEST
BURLINGTON	U004060319	SKAGIT FARMERS SUPPLY	1660 PARK LN	98233	ALLSITES, UST
BURLINGTON	1010788406	PSE SKAGIT SERVICE CENTER	1660 PARK LN NE	98233	RCRA-NonGen
BURLINGTON	S110036949	TUDOR SITE COMMERCIAL	200 PEASE RD	98233	ALLSITES
BURLINGTON	S110039919	NORTH BURLINGTON BLVD IMPROVEMENT	N SR20 HWY	98233	ALLSITES
CONCRETE	1001820232	CLEMENTS CONDOMINIUMS	4820 HWY 20	98233	RCRA-NonGen, FINDS, ALLSITES
SKAGIT COUNTY	2008903332	UPPER BIGGER LAKE	UPPER BIGGER LAKE		ERNS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 01/25/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 01/25/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/28/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realignment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 10/03/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/10/2009	Telephone: 703-603-8704
Date Made Active in Reports: 09/29/2009	Last EDR Contact: 10/16/2009
Number of Days to Update: 81	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/24/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/15/2009	Source: EPA
Date Data Arrived at EDR: 09/22/2009	Telephone: 800-424-9346
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 48	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 12/17/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 12/17/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 12/17/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 12/17/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/31/2009
Date Data Arrived at EDR: 09/17/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 53

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/06/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Annually

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 09/04/2009
Date Made Active in Reports: 09/22/2009
Number of Days to Update: 18

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/27/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 11/25/2009
Number of Days to Update: 27

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 10/29/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/29/2009
Date Data Arrived at EDR: 09/29/2009
Date Made Active in Reports: 10/14/2009
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/23/2009
Date Data Arrived at EDR: 11/23/2009
Date Made Active in Reports: 12/03/2009
Number of Days to Update: 10

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/24/2009
Date Data Arrived at EDR: 11/25/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/07/2009
Date Data Arrived at EDR: 12/09/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 7

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/10/2009
Date Data Arrived at EDR: 11/12/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-6597
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 11/04/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6271
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/24/2009	Source: Department of Ecology
Date Data Arrived at EDR: 11/25/2009	Telephone: 360-407-7183
Date Made Active in Reports: 12/22/2009	Last EDR Contact: 11/25/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/08/2010
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 05/27/2009	Source: Department of Ecology
Date Data Arrived at EDR: 05/28/2009	Telephone: 360-407-7562
Date Made Active in Reports: 06/19/2009	Last EDR Contact: 11/09/2009
Number of Days to Update: 22	Next Scheduled EDR Contact: 02/22/2010
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/07/2009	Source: EPA Region 4
Date Data Arrived at EDR: 12/09/2009	Telephone: 404-562-9424
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/12/2009	Source: EPA Region 9
Date Data Arrived at EDR: 11/20/2009	Telephone: 415-972-3368
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6137
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/10/2009	Source: EPA Region 10
Date Data Arrived at EDR: 11/12/2009	Telephone: 206-553-2857
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2009	Source: EPA Region 5
Date Data Arrived at EDR: 11/05/2009	Telephone: 312-886-6136
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/22/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-7591
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 11/04/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/01/2009	Source: FEMA
Date Data Arrived at EDR: 10/29/2009	Telephone: 202-646-5797
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/19/2009
Number of Days to Update: 48	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List

Sites that have institutional controls.

Date of Government Version: 11/17/2009	Source: Department of Ecology
Date Data Arrived at EDR: 11/18/2009	Telephone: 360-407-7170
Date Made Active in Reports: 11/25/2009	Last EDR Contact: 11/18/2009
Number of Days to Update: 7	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 01/05/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 10/27/2009	Source: Department of Ecology
Date Data Arrived at EDR: 10/29/2009	Telephone: 360-407-7200
Date Made Active in Reports: 11/25/2009	Last EDR Contact: 10/27/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/08/2010
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICR: Independent Cleanup Reports

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 10/27/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 11/25/2009
Number of Days to Update: 27

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 10/29/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 11/04/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/07/2010
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 01/07/2010
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/09/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/01/2009
Date Data Arrived at EDR: 06/22/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 91

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

ALLSITES: Facility/Site Identification System Listing

Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 11/07/2009
Date Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 11/25/2009
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 11/10/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Quarterly

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action

The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/27/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 12/03/2009
Number of Days to Update: 35

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 10/29/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Semi-Annually

CDL: Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 02/09/2009
Date Data Arrived at EDR: 03/18/2009
Date Made Active in Reports: 03/24/2009
Number of Days to Update: 6

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 11/17/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs

This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 11/03/2009
Date Data Arrived at EDR: 11/05/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/20/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/05/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/05/2009	Telephone: 202-366-4555
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 01/06/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Annually

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 09/24/2009	Source: Department of Ecology
Date Data Arrived at EDR: 09/24/2009	Telephone: 360-407-6950
Date Made Active in Reports: 10/14/2009	Last EDR Contact: 12/28/2009
Number of Days to Update: 20	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 12/17/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/13/2009	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 11/10/2009	Telephone: 202-366-4595
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 11/10/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/22/2010
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/23/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/30/2009	Telephone: 202-528-4285
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 12/18/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 08/03/2009

Date Data Arrived at EDR: 10/27/2009

Date Made Active in Reports: 11/09/2009

Number of Days to Update: 13

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 01/05/2010

Next Scheduled EDR Contact: 04/19/2010

Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/01/2009

Date Data Arrived at EDR: 09/22/2009

Date Made Active in Reports: 10/22/2009

Number of Days to Update: 30

Source: EPA

Telephone: 703-416-0223

Last EDR Contact: 12/15/2009

Next Scheduled EDR Contact: 03/29/2010

Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009

Date Data Arrived at EDR: 05/07/2009

Date Made Active in Reports: 05/08/2009

Number of Days to Update: 1

Source: Department of Energy

Telephone: 505-845-0011

Last EDR Contact: 12/23/2009

Next Scheduled EDR Contact: 03/15/2010

Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/07/2009

Date Data Arrived at EDR: 09/18/2009

Date Made Active in Reports: 11/09/2009

Number of Days to Update: 52

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Last EDR Contact: 12/08/2009

Next Scheduled EDR Contact: 03/22/2010

Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2007

Date Data Arrived at EDR: 04/09/2009

Date Made Active in Reports: 06/17/2009

Number of Days to Update: 69

Source: EPA

Telephone: 202-566-0250

Last EDR Contact: 12/01/2009

Next Scheduled EDR Contact: 03/15/2010

Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002

Date Data Arrived at EDR: 04/14/2006

Date Made Active in Reports: 05/30/2006

Number of Days to Update: 46

Source: EPA

Telephone: 202-260-5521

Last EDR Contact: 12/29/2009

Next Scheduled EDR Contact: 04/12/2010

Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 125

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 08/21/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 12/23/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/21/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 09/25/2009
Date Data Arrived at EDR: 10/23/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 54

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/15/2009
Date Data Arrived at EDR: 10/16/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/16/2009
Next Scheduled EDR Contact: 01/25/2010
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/19/2009
Date Data Arrived at EDR: 10/22/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 40

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/20/2009
Next Scheduled EDR Contact: 03/05/2010
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing

A listing of underground injection wells.

Date of Government Version: 11/23/2009
Date Data Arrived at EDR: 11/23/2009
Date Made Active in Reports: 12/03/2009
Number of Days to Update: 10

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Varies

WA MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 06/05/2009
Date Made Active in Reports: 06/19/2009
Number of Days to Update: 14

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 10/23/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 06/05/2009
Date Made Active in Reports: 06/19/2009
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 10/23/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Varies

NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 10/27/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 11/25/2009
Number of Days to Update: 27

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 10/29/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/15/2009
Date Made Active in Reports: 03/24/2009
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INACTIVE DRYCLEANERS: Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 06/09/2009
Date Made Active in Reports: 06/19/2009
Number of Days to Update: 10

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 10/23/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/23/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/09/2009
Date Data Arrived at EDR: 09/09/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/09/2009
Next Scheduled EDR Contact: 02/08/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/23/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: N/A

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 07/02/2009
Date Made Active in Reports: 07/08/2009
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/23/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 09/21/2009
Date Data Arrived at EDR: 09/25/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/15/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oil waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

KING COUNTY:

Abandoned Landfill Study in King County

The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle

The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 01/30/2009
Date Made Active in Reports: 03/24/2009
Number of Days to Update: 53

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 01/06/2010
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Semi-Annually

TACOMA/PIERCE COUNTY:

Closed Landfill Survey

Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/24/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/27/2009
Date Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 12/09/2009
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/10/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing

Source: Department of Social & Health Services

Telephone: 253-383-1735

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

UPPER SKAGIT INDIAN TRIBE SITE
6019 NORTH DARRK LANE
BOW, WA 98232

TARGET PROPERTY COORDINATES

Latitude (North):	48.56150 - 48° 33' 41.4"
Longitude (West):	122.3431 - 122° 20' 35.2"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	548469.1
UTM Y (Meters):	5378701.0
Elevation:	261 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	48122-E3 ALGER, WA
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
SKAGIT, WA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 5301510045C

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
ALGER

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

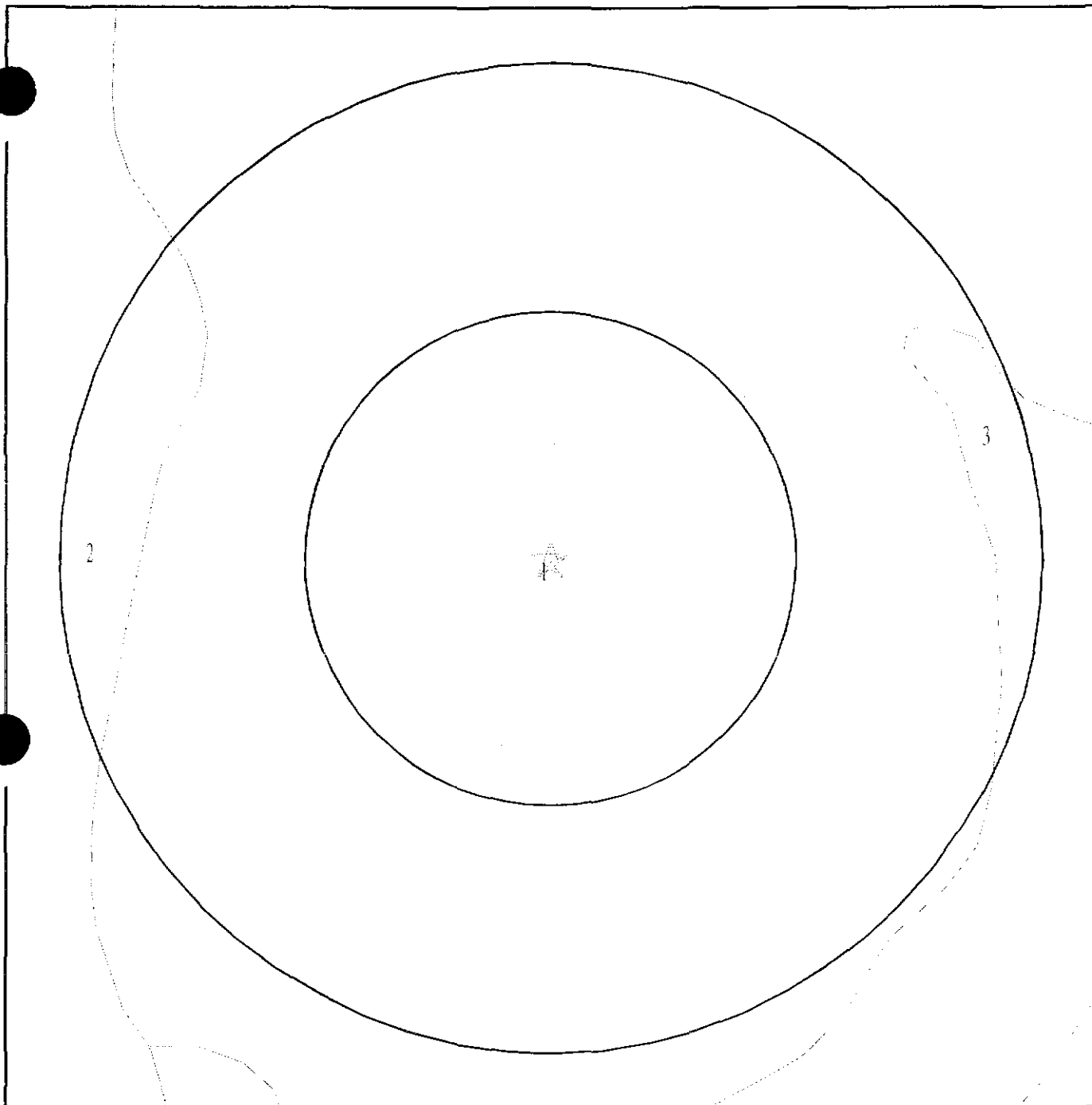
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2673432.1s



Target Property
SSURGO Soil
Water



27

SITE NAME: Upper Skagit Indian Tribe Site
ADDRESS: 6019 NORTH DARRK LANE
Bow WA 98232
LAT/LONG: 48.5615 / 122.3431

CLIENT: Geo Engineers, Inc.
CONTACT: Ron Bek
INQUIRY #: 2673432.1s
DATE: January 07, 2010 6:37 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Skipopa

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0 Min: 0	Max: 6.5 Min: 5.6
2	7 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0 Min: 0	Max: 6.5 Min: 5.6
3	16 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0 Min: 0	Max: 6.5 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Sehome

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6.5 Min: 5.1
2	14 inches	27 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6.5 Min: 5.1
3	27 inches	59 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6.5 Min: 5.1

Soil Map ID: 3

Soil Component Name: Hoogdal

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 1.4 Min: 0.42	Max: 6.5 Min: 6.1
2	5 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 1.4 Min: 0.42	Max: 6.5 Min: 6.1
3	22 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 1.4 Min: 0.42	Max: 6.5 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS3260766	1/4 - 1/2 Mile ESE
3	USGS3260749	1/4 - 1/2 Mile SSE
A4	USGS3260767	1/4 - 1/2 Mile WSW
A5	USGS3260768	1/2 - 1 Mile WSW
B7	USGS3260785	1/2 - 1 Mile ENE
8	USGS3260771	1/2 - 1 Mile ESE
9	USGS3260756	1/2 - 1 Mile SE
10	USGS3260772	1/2 - 1 Mile West
11	USGS3260739	1/2 - 1 Mile SE
13	USGS3260773	1/2 - 1 Mile West
15	USGS3260793	1/2 - 1 Mile ENE
16	USGS3260748	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

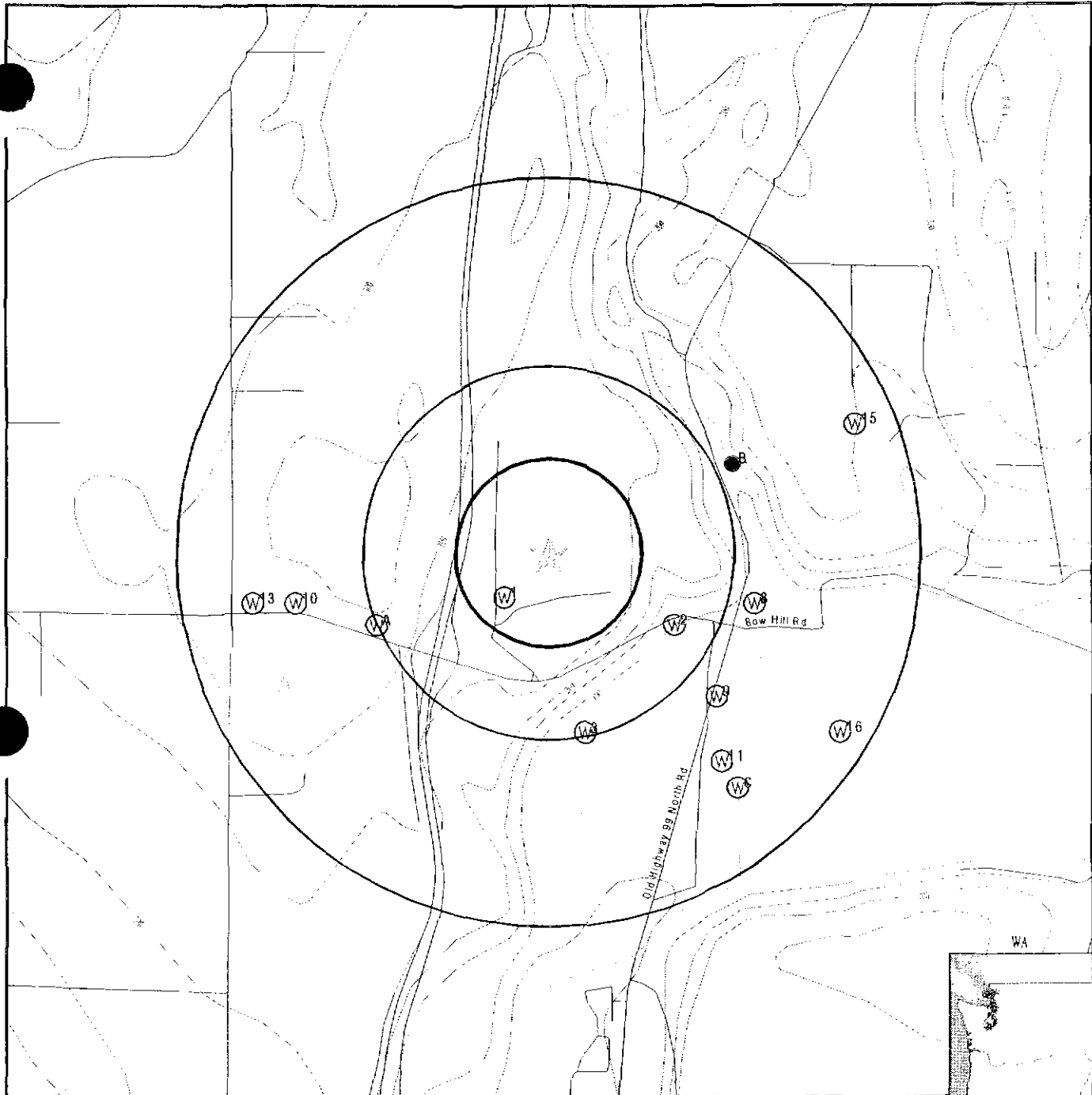
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	WA5000000019966	1/8 - 1/4 Mile SW
B6	WA5000000019999	1/2 - 1 Mile ENE
C12	WA5000000019900	1/2 - 1 Mile SE
C14	WA5000000019906	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 2673432.1s



County Boundary

Major Roads

Contour Lines

Earthquake epicenter, Richter 5 or greater

Water Wells

Public Water Supply Wells

Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction

Indeterminate Groundwater Flow at Location

Groundwater Flow Varies at Location

Closest Hydrogeological Data

SITE NAME: Upper Skagit Indian Tribe Site
ADDRESS: 6019 NORTH DARRK LANE
Bow WA 98232
LAT/LONG: 48.5615 / 122.3431

CLIENT: Geo Engineers, Inc.
CONTACT: Ron Bek
INQUIRY #: 2673432.1s
DATE: January 07, 2010 6:37 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SW **WA WELLS** **WA5000000019966**
1/8 - 1/4 Mile
Lower

Objectid:	19118	Srcid:	122626
Srctootid:	19253	Wsorgid:	79714
Wsleid:	133629	Wslrootid:	62736
Pwsid:	50678	Srctnum:	01
Pwssrcid:	5067801	Systemname:	WSP - BOW HILL PORT OF ENTRY #33
Systemgrp:	B	Systemtype:	Group B
Sourcenam:	WELL	Sourcetype:	Well
Sourcelbl:	S01 / WELL	Region:	Northwest
Wria:	03	County:	SKAGIT
Contadd1:	Not Reported	Contadd2:	Po Box 42626
Contphone:	(360) 596-6011	Contcity:	Olympia
Contstate:	WA	Contzipcd:	985042626
Sma:	Not Reported	Smaname:	Not Reported
Uscode:	Permanent		
Capacity:	10		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	48.559797		
Longitude:	-122.345701		
Llmethod:	Map	Site id:	WA5000000019966

2
ESE **FED USGS** **USGS3260766**
1/4 - 1/2 Mile
Lower

Agency cd:	USGS	Site no:	483332122200401
Site name:	36N/04E-31R01		
Latitude:	483332	EDR Site id:	USGS3260766
Longitude:	1222004	Dec lat:	48.55871928
Dec lon:	-122.33571696	Coor meth:	M
Coor acc:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	057
Country:	US	Land net:	SE SE S31 T36N R04E W
Location map:	ALGER	Map scale:	24000
Altitude:	95		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia. Washington. Area = 955 sq mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19730407
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	52	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1973-04-07
 Ground water data count: 1
 Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1973-04-07

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1973-04-07	30	

3

SSE

1/4 - 1/2 Mile

Lower

FED USGS

USGS3260749

Agency cd:	USGS	Site no:	483317122202301
Site name:	35N/04E-06G01	EDR Site id:	USGS3260749
Latitude:	483317	Dec lat:	48.55455249
Longitude:	1222023	Coor meth:	M
Dec lon:	-122.34099489	Latlong datum:	NAD27
Coor acqr:	S	District:	53
Dec latlong datum:	NAD83	County:	057
State:	53	Land net:	SW NE S06 T35N R04E W
Country:	US	Map scale:	24000
Location map:	ALGER		
Altitude:	60		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia, Washington. Area = 955 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19731201
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	38	Hole depth:	Not Reported
Source of depth data:	other		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1981-07-21	Water quality data begin date:	1981-07-21
Ground water data begin date:	1973-12-01	Water quality data count:	1
Ground water data count:	1	Ground water data end date:	1973-12-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1973-12-01	2	

A4

WSW

1/4 - 1/2 Mile

Higher

FED USGS

USGS3260767

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	483332122210601
Site name:	35N/04E-06D01		
Latitude:	483332	EDR Site id:	USGS3260767
Longitude:	1222106	Dec lat:	48 55871911
Dec lon:	-122.35293985	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	057
Country:	US	Land net:	NW NW S06 T35N R04E W
Location map:	ALGER	Map scale:	24000
Altitude:	340		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia. Washington. Area = 955 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19730701
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	259	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1973-10-10	Ground water data end date:	1973-10-10
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1973-10-10	229	

A5
WSW
1/2 - 1 Mile
Higher

FED USGS USGS3260768

Agency cd:	USGS	Site no:	483332122210801
Site name:	35N/04E-06D02		
Latitude:	483332	EDR Site id:	USGS3260768
Longitude:	1222108	Dec lat:	48 5587191
Dec lon:	-122.35349542	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	057
Country:	US	Land net:	NW NW S06 T35N R04E W
Location map:	ALGER	Map scale:	24000
Altitude:	335		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia. Washington. Area = 955 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19730730
Date inventoried:	19890224	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y
Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Confined single aquifer
Aquifer: Not Reported
Well depth: 259 Hole depth: 259
Source of depth data: driller
Project number: WA00200
Real time data flag: 0
Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00
Daily flow data count: 0
Peak flow data begin date: 0000-00-00
Peak flow data end date: 0000-00-00
Peak flow data count: 0
Water quality data begin date: 1989-10-02
Water quality data end date: 1989-10-02
Water quality data count: 1
Ground water data begin date: 0000-00-00
Ground water data end date: 0000-00-00
Ground water data count: 0

Ground-water levels, Number of Measurements: 0

B6
ENE
1/2 - 1 Mile
Lower

WA WELLS WA5000000019999

Objectid:	23318	Srcid:	125682
Srcrootid:	23464	Wsorgid:	81484
Wslcid:	135632	Wslrootid:	65762
Pwsid:	75677	Srchnum:	01
Pwssrcid:	7567701	Systemname:	SAMISH STATE SALMON HATCHERY
Systemgrp:	B	Systemtype:	Group B
Sourcenam:	DOMESTIC WELL	Sourcetype:	Well
Sourcebl:	S01 / DOMESTIC WELL	Region:	Northwest
Wria:	03	County:	SKAGIT
Contadd1:	Not Reported	Contadd2:	5585 Old Hwy 99 North Rd
Contphone:	(360) 724-3131	Contcity:	Burlington
Contstate:	WA	Contzipcd:	98233
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	27		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	48.565067		
Longitude:	-122.332775		
Limethod:	Map	Site id:	WA5000000019999

B7
ENE
1/2 - 1 Mile
Lower

FED USGS USGS3260785

Agency cd:	USGS	Site no:	483354122195001
Site name:	36N/04E-32M01	EDR Site id:	USGS3260785
Latitude:	483354	Dec lat:	48.56483053
Longitude:	1221950	Coor meth:	M
Dec lon:	-122.33182799	Latlong datum:	NAD27
Coor accr:	S	District:	53
Dec latlong datum:	NAD83	County:	057
State:	53	Land net:	NW SW S32 T36N R04E W
Country:	US	Map scale:	24000
Location map:	ALGER		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 100
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 10
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Strait of Georgia. Washington. Area = 955 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: 19620625
 Date inventoried: Not Reported Mean greenwich time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 40 Hole depth: Not Reported
 Source of depth data: driller
 Project number: Not Reported
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00 Water quality data count: 0
 Ground water data begin date: 1962-06-25 Ground water data end date: 1962-06-25
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1962-06-25	7	
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8

ESE

1/2 - 1 Mile

Lower

FED USGS

USGS3260771

Agency cd:	USGS	Site no:	483335122194701
Site name:	36N/04E-32N01		
Latitude:	483335	EDR Site id:	USGS3260771
Longitude:	1221947	Dec lat:	48.55955267
Dec lon:	-122.33099457	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	057
Country:	US	Land net:	SW SW S32 T36N R04E W
Location map:	ALGER	Map scale:	24000
Altitude:	85		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia. Washington. Area = 955 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19731027
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	82	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1973-10-27
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1973-10-27

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1973-10-27	40	

9

SE

1/2 - 1 Mile

Lower

FED USGS

USGS3260756

Agency cd:	USGS	Site no:	483322122195501
Site name:	35N/04E-05D01		
Latitude:	483322	EDR Site id:	USGS3260756
Longitude:	1221955	Dec lat:	48.55594148
Dec lon:	-122.33321683	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	057
Country:	US	Land net:	NW NW S05 T35N R04E W
Location map:	ALGER	Map scale:	24000
Altitude:	70		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia. Washington. Area = 955 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19661022
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	44	Hole depth:	44
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1967-02-02	Ground water data end date:	1967-02-02
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-02-02	14	

10

West

1/2 - 1 Mile

Higher

FED USGS

USGS3260772

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	483335122212401
Site name:	36N/03E-36R02	EDR Site id:	USGS3260772
Latitude:	483335	Dec lat:	48.5595524
Longitude:	1222124	Coor meth:	M
Dec lon:	-122.35794005	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	057
State:	53	Land net:	SE SE S36 T36N R03E W
Country:	US	Map scale:	24000
Location map:	ALGER		
Altitude:	345		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia, Washington. Area = 955 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19830526
Date inventoried:	19890224	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	Not Reported		
Well depth:	290	Hole depth:	291
Source of depth data:	driller		
Project number:	WA00200		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1989-10-02
Water quality data end date:	1989-10-02	Water quality data count:	1
Ground water data begin date:	1989-02-24	Ground water data end date:	1989-02-24
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-02-24	286	

11
SE
1/2 - 1 Mile
Lower

FED USGS USGS3260739

Agency cd:	USGS	Site no:	483313122195401
Site name:	35N/04E-05E01	EDR Site id:	USGS3260739
Latitude:	483313	Dec lat:	48.55344144
Longitude:	1221954	Coor meth:	M
Dec lon:	-122.33293902	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	057
State:	53	Land net:	SW NW S05 T35N R04E W
Country:	US	Map scale:	24000
Location map:	ALGER		
Altitude:	72		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia, Washington. Area = 955 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19760506
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 37 Hole depth: 49
 Source of depth data: driller
 Project number: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1976-05-06
 Ground water data count: 1
 Daily flow data begin date: 0000-00-00
 Daily flow data count: 0
 Peak flow data end date: 0000-00-00
 Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1976-05-06

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1976-05-06	4	

C12
 SE
 1/2 - 1 Mile
 Lower

WA WELLS WA5000000019900

Objectid:	9573	Srcid:	142810
Srcrootid:	9633	Wsorgid:	89377
Wsleid:	144448	Wslrootid:	55460
Pwsid:	09535	Srnum:	02
Pwsruid:	0953502	Systemname:	BURLINGTON KOA
Systemgrp:	A	Systemtype:	Transient Non-Community
Sourcenam:	WELL #2	Sourcetype:	Well
Sourcelbl:	S02 / WELL #2	Region:	Northwest
Wria:	03	County:	SKAGIT
Contadd1:	Not Reported	Contadd2:	6397 N GREENE RD
Contphone:	(360) 724-5511	Contcity:	BURLINGTON
Contstate:	WA	Contzipcd:	98233
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	25		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	48.552301		
Longitude:	-122.332664		
Llmethod:	GPS	Site id:	WA5000000019900

13
 West
 1/2 - 1 Mile
 Higher

FED USGS USGS3260773

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	483335122213301
Site name:	36N/03E-36R01	EDR Site id:	USGS3260773
Latitude:	483335	Dec lat:	48.55955238
Longitude:	1222133	Coor meth:	M
Dec lon:	-122.36044015	Latlong datum:	NAD27
Coor accr:	S	District:	53
Dec latlong datum:	NAD83	County:	057
State:	53	Land net:	SE SE S36 T36N R03E W
Country:	US	Map scale:	24000
Location map:	ALGER		
Altitude:	340		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia. Washington. Area = 955 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19681107
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	18	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1968-11-07	Ground water data end date:	1968-11-07
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	-----------------------	---------------------

1968-11-07 7

C14
SE
1/2 - 1 Mile
Lower

WA WELLS WA5000000019906

Objectid:	9572	Srcid:	142809
Srcrootid:	9632	Wsorgid:	89377
Wstleid:	144448	Wslrootid:	55460
Pwsid:	09535	Srnum:	01
Pwssrcid:	0953501	Systemname:	BURLINGTON KOA
Systemgrp:	A	Systemtype:	Transient Non-Community
Sourcenname:	WELL# 1	Sourcetype:	Well
Sourcelbl:	S01 / WELL# 1	Region:	Northwest
Wria:	03	County:	SKAGIT
Contadd1:	Not Reported	Contadd2:	6397 N GREENE RD

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(360) 724-5511	Contcity:	BURLINGTON
Contstate:	WA	Contzipcd:	98233
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Emergency		
Capacity:	25		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	48.552484		
Longitude:	-122.331378		
LImethod:	GPS	Site id:	WA5000000019906

15
ENE
1/2 - 1 Mile
Higher

FED USGS USGS3260793

Agency cd:	USGS	Site no:	483400122192601
Site name:	36N/04E-32F01		
Latitude:	483400	EDR Site id:	USGS3260793
Longitude:	1221926	Dec lat:	48.5664973
Dec lon:	-122.32516109	Coor meth:	M
Coor acc:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	057
Country:	US	Land net:	SE NW S32 T36N R04E W
Location map:	ALGER	Map scale:	24000
Altitude:	260		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia, Washington. Area = 955 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19740117
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	184	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1974-01-17	Ground water data end date:	1974-01-17
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1974-01-17	164	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

16
ESE
1/2 - 1 Mile
Lower

FED USGS USGS3260748

Agency cd:	USGS	Site no:	483317122192901
Site name:	35N/04E-05F01		
Latitude:	483317	EDR Site id:	USGS3260748
Longitude:	1221929	Dec lat:	48.55455264
Dec lon:	-122.32599432	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	057
Country:	US	Land net:	SE NW S05 T35N R04E W
Location map:	ALGER	Map scale:	24000
Altitude:	70		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Strait of Georgia, Washington, Area = 955 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19661022
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	42	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-10-22	Ground water data end date:	1966-10-22
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	-----------------------	---------------------

1966-10-22	15	
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SKAGIT County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SKAGIT COUNTY, WA

Number of sites tested: 8

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.350 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Wells

Source: Department of Health

Telephone: 360-236-3148

Group A and B well locations.

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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Skagit County Assessor Parcel Details

Parcel Number	XrefID	Quarter	Section	Township	Range
P119078	4777-000-001-0100	04	31	36	04

Owner Information

UPPER SKAGIT INDIAN TRIBE
25944 COMMUNITY PLAZA WAY
SEDRO WOOLLEY, WA 98284

Site Address(es)

BOW, WA 98232

Location Map

[Locate this Parcel on iMap](#)

Assessor's Parcel Map: [PDF](#) | [DWF](#)

2009 Values for 2010 Taxes

Building Market Value	\$.00
Land Market Value	+\$1,800.00
Total Market Value	\$1,800.00
Assessed Value	\$1,800.00
Taxable Value	\$1,800.00

Sale Information

Deed Type WARRANTY DEED
Sale Date 7/2/2003
Sale Price \$457,000.00
[View Sales History](#)

2010 Property Tax Summary

2010 Taxable Value	\$1,800.00
General Taxes	\$17.71
Special Assessments/Fees	+\$.33
Total Taxes	\$18.04

[View Value History](#)

Legal Description [Definitions](#)

RIVER VALLEY VIEW ESTATES, ACRES 0.59, ALL THAT PORTION OF LOT 1 AS SHOWN ON THE PLAT OF RIVER VALLEY VIEW ESTATES, RECORDED AS AUDITOR'S FILE NO. 200105070102, RECORDS OF SKAGIT COUNTY, WASHINGTON, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 1; THENCE NORTH 01-35-01 EAST, ALONG THE WEST LINE OF SAID LOT 1, A DISTANCE OF 448.00 FEET; THENCE SOUTH 57-45-27 EAST, A DISTANCE OF 36.70 FEET; THENCE SOUTH 20-34-51 EAST, A DISTANCE OF 36.70 FEET; THENCE SOUTH 02-00-00 EAST, A DISTANCE OF 345.00 FEET; THENCE SOUTH 29-58-52 EAST, A DISTANCE OF 63.00 FEET TO THE SOUTH LINE OF SAID LOT 1; THENCE NORTH 86-51-44 WEST, ALONG SAID SOUTH LINE, A DISTANCE OF 100.00 FEET TO THE POINT OF BEGINNING. SURVEY RECORDED UNDER AF#200308210041. SURVEY RECORDED AF#200508020064. ALL THAT PORTION OF LOT 1 AS SHOWN ON THE PLAT OF RIVER VALLEY VIEW ESTATES, RECORDED AS AUDITOR'S FILE NO. 200105070102, RECORDS OF SKAGIT COUNTY, WASHINGTON, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 1; THENCE NORTH 01-35-01 EAST, ALONG THE WEST LINE OF SAID LOT 1, A DISTANCE OF 448.00 FEET; THENCE SOUTH 57-45-27 EAST, A DISTANCE OF 36.70 FEET; THENCE SOUTH 20-34-51 EAST, A DISTANCE OF 36.70 FEET; THENCE SOUTH 02-00-00 EAST, A DISTANCE OF 345.00 FEET; THENCE SOUTH 29-58-52 EAST, A DISTANCE OF 63.00 FEET TO THE SOUTH LINE OF SAID LOT 1; THENCE NORTH 86-51-44 WEST, ALONG SAID SOUTH LINE, A DISTANCE OF 100.00 FEET TO THE POINT OF BEGINNING. SURVEY RECORDED UNDER AF#200308210041. SURVEY RECORDED AF#200508020064.

Land Use	(110) HOUSEHOLD SFR OUTSIDE CITY	WAC 458-53-030
----------	----------------------------------	--------------------------------

Neighborhood	(110) PLATTED LOTS; NO IMPROVEMENTS
--------------	-------------------------------------

Utilities	Septic Information
-----------	------------------------------------

Levy Code	1195
-----------	------

City District	Skagit County
---------------	---------------

School District	SD100
-----------------	-------

Fire District	F06
---------------	-----

Year Built	
------------	--

Acres	0.59
-------	------

Living Area	
-------------	--

Bedrooms	
----------	--

Appliances	
------------	--

Exemptions	
------------	--

Foundation	
------------	--

Construction Style	
--------------------	--

Exterior Walls	
----------------	--

Roof Style	
------------	--

Roof Covering	
---------------	--

Floor Construction	
--------------------	--

Plumbing	
----------	--

Heat-AirCond	
--------------	--

Fireplace	
-----------	--

NO PHOTO AVAILABLE FOR THIS PARCEL

Skagit County Assessor Parcel Details

Parcel Number	XrefID	Quarter	Section	Township	Range
P50500	360432-3-004-0006	03	32	36	04

Owner Information

UPPER SKAGIT INDIAN TRIBE
25944 COMMUNITY PLAZA WAY
SEDRO WOOLLEY, WA 98284

Site Address(es)**Location Map**

[Locate this Parcel on iMap](#)

Assessor's Parcel Map: [PDF](#) | [DWF](#)

2009 Values for 2010 Taxes**Exemption****Sale Information****2010 Property Tax Summary**

Building Market Value	\$0.00	Deed Type WARRANTY DEED	2010 Taxable Value	\$0.00
Land Market Value	+\$1,100.00	Sale Date 12/17/2004	General Taxes	\$0.00
Total Market Value	\$1,100.00	Sale Price \$1,110,000.00	Special Assessments/Fees	+\$0.20
Assessed Value	\$1,100.00	View Sales History	Total Taxes	\$0.20
Taxable Value	\$0.00		View Tax Statement	

[View Value History](#)

Legal Description [Definitions](#)

THAT PORTION LOCATED IN SECTION 32, TOWNSHIP 36 NORTH, RANGE 4 EAST, W.M., OF THE FOLLOWING DESCRIBED PROPERTY: THE NORTH 1/2 OF THE SOUTHEAST 1/4 OF SECTION 31, AND THAT PORTION OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 32 LYING WEST OF THE STATE HIGHWAY, ALL IN TOWNSHIP 36 NORTH, RANGE 4 EAST, W.M., EXCEPT THAT PORTION, IF ANY, CONVEYED TO THE STATE OF WASHINGTON, DEPARTMENT OF FISHERIES, INCLUDING THAT CONVEYED BY DEED DATED FEBRUARY 2, 1940, FILED FEBRUARY 15, 1940 AS FILE NO. 321913 AND RECORDED IN VOLUME 180 OF DEEDS AT PAGE 30, AND EXCEPT THAT PORTION DESCRIBED AS FOLLOWS: BEGINNING AT THE INTERSECTION OF THE WEST LINE OF HIGHWAY 99 AND THE SOUTH LINE OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SAID SECTION 32; THENCE WEST ALONG SAID SOUTH LINE AND THE SOUTH LINE OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 31 TO THE SOUTHWEST CORNER OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4; THENCE NORTH ALONG THE WEST LINE OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 660 FEET; THENCE EAST PARALLEL TO THE SOUTH LINE OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 AND SAID NORTHWEST 1/4 OF THE SOUTHWEST 1/4 TO THE WEST LINE OF SAID HIGHWAY 99; THENCE SOUTHERLY ALONG SAID HIGHWAY TO THE POINT OF BEGINNING. SURVEY RECORDED AF#200508020064.

Land Use	(920) TREES	WAC 458-53-030
Neighborhood	(360) 40-79.99 ACRES; NO IMPROVEMENTS	
Utilities		Septic Information
Levy Code	1117	Foundation
City District	Skagit County	Construction Style
School District	SD100	Exterior Walls
Fire District		Roof Style
Year Built		Roof Covering
Acres	0.36	Floor Construction
Living Area		Plumbing
Bedrooms		Heat-AirCond
Appliances		Fireplace
Exemptions	Bureau of Indian Affairs	

NO PHOTO AVAILABLE FOR THIS PARCEL

APPENDIX B
Selected Historical Research Documents



EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

Upper Skagit Indian Tribe Site
5984 N. Darrk Lane
Bow, WA 98232

Inquiry Number: 2022828.6

Tuesday, September 11, 2007

**The Standard in
Environmental Risk
Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

- *City Directories:*

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 2000 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: September 11, 2007

Target Property:

5984 N. Darrk Lane
Bow, WA 98232

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	Upper Skagit Indian Tribe	Polk's City Directory
2006	Skagit Valley Casino Resort	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Bow, WA 98232

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	<u>**N DARRK LN**</u>	Polk's City Directory
	Thousand Trails Trailer Park/Campsite (5409)	Polk's City Directory
	Address not listed in research source (5765)	Polk's City Directory
	No other addresses listed on street	Polk's City Directory
	<u>**BOW HILL RD**</u>	Polk's City Directory
	Not Verified (18031)	Polk's City Directory
	Residence (18107)	Polk's City Directory
	Residence (18111)	Polk's City Directory
2006	<u>**N DARRK LN**</u>	Polk's City Directory
	Thousand Trails Mount Vernon (5409)	Polk's City Directory
	Residence (5765)	Polk's City Directory
	No other addresses listed on street	Polk's City Directory
	<u>**BOW HILL RD**</u>	Polk's City Directory
	No current listing (18031)	Polk's City Directory
	Residence (18111)	Polk's City Directory

Certified Sanborn® Map Report



Sanborn® Library search results
Certification # 40A7-4A66-AA60

Upper Skagit Indian Tribe Site
5984 N. Darrk Lane
Bow, WA 98232

Inquiry Number 2022828.3s

September 07, 2007



EDR* Environmental
Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Certified Sanborn® Map Report

9/07/07

Site Name:

Upper Skagit Indian Tribe Site
5984 N. Darrk Lane
Bow, WA 98232

Client Name:

Geo Engineers, Inc.
600 DuPont Street
Bellingham, WA 98225

EDR Inquiry # 2022828.3s

Contact: Ron Bek



**EDR® Environmental
Data Resources Inc**

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Geo Engineers, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Upper Skagit Indian Tribe Site
Address: 5984 N. Darrk Lane
City, State, Zip: Bow, WA 98232
Cross Street:
P.O. # 0829-021-00
Project: 0829-021-00
Certification # 40A7-4A66-AA60



Sanborn® Library search results
Certification # 40A7-4A66-AA60

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

Total Maps: 0

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**Upper Skagit Indian Tribe Site
5984 N. Darrk Lane
Bow, WA 98232**

Inquiry Number: 2022828.5

September 19, 2007

The Standard in Environmental Risk Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

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Fax: 1-800-231-6802
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Date EDR Searched Historical Sources:

Aerial Photography September 19, 2007

Target Property:

5984 N. Darrk Lane

Bow, WA 98232

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1971	Aerial Photograph. Scale: 1"=1000'	Panel #: 2448122-E3/Flight Date: September 19, 1971	EDR
1981	Aerial Photograph. Scale: 1"=1000'	Panel #: 2448122-E3/Flight Date: August 08, 1981	EDR
1990	Aerial Photograph. Scale: 1"=750'	Panel #: 2448122-E3/Flight Date: July 10, 1990	EDR



COPY # 2022828.5

YEAR: 1971

1:1000

1:1000

1N



QUIRY #: 2022828.5

YEAR: 1981

— = 1000'





QUIRY #: 2022828.5

YEAR: 1990

1 = 750'

N

EDR Historical Topographic Map Report

**Upper Skagit Indian Tribe Site
5984 N. Darrk Lane
Bow, WA 98232**

Inquiry Number: 2022828.4

September 07, 2007



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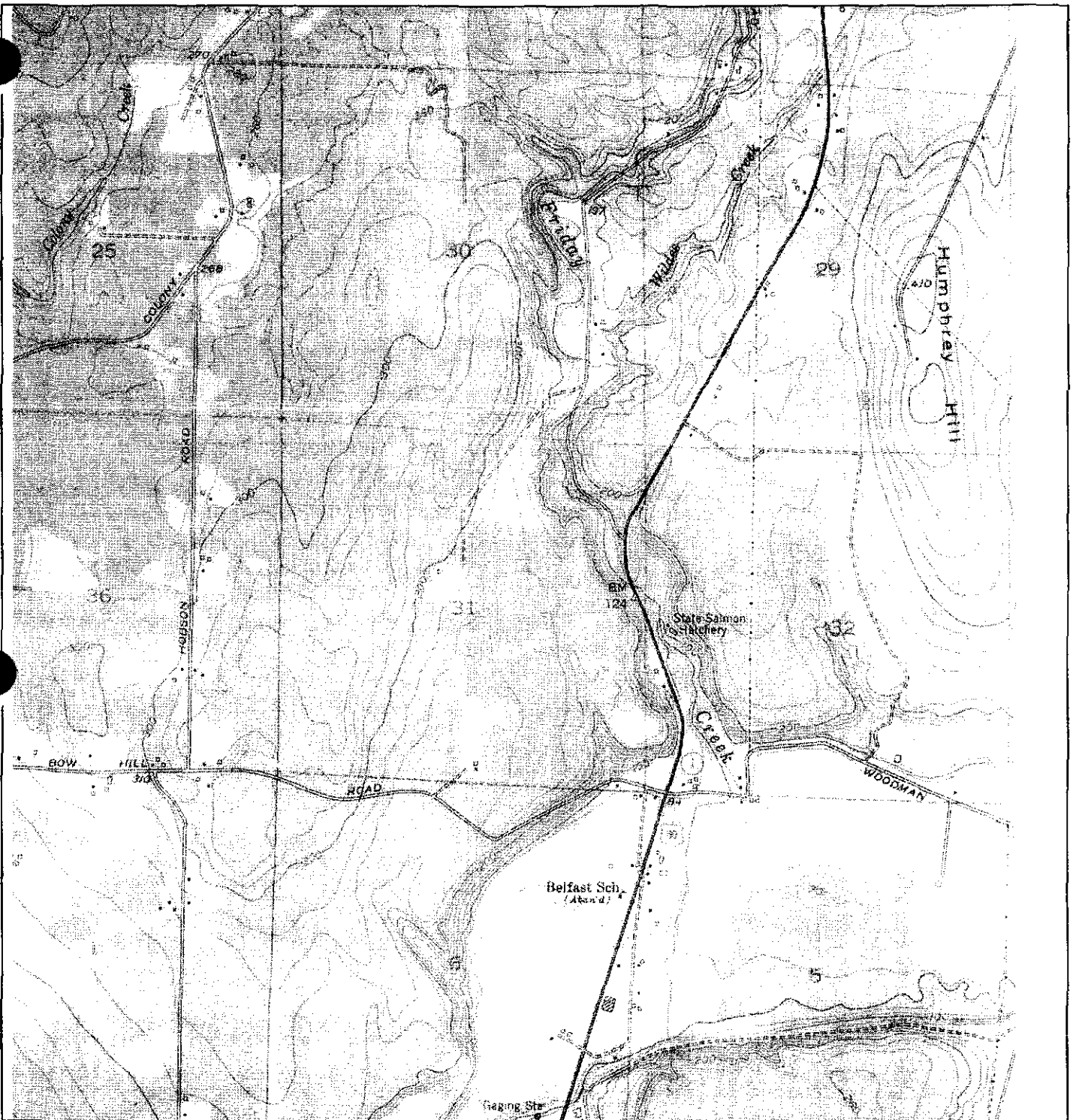
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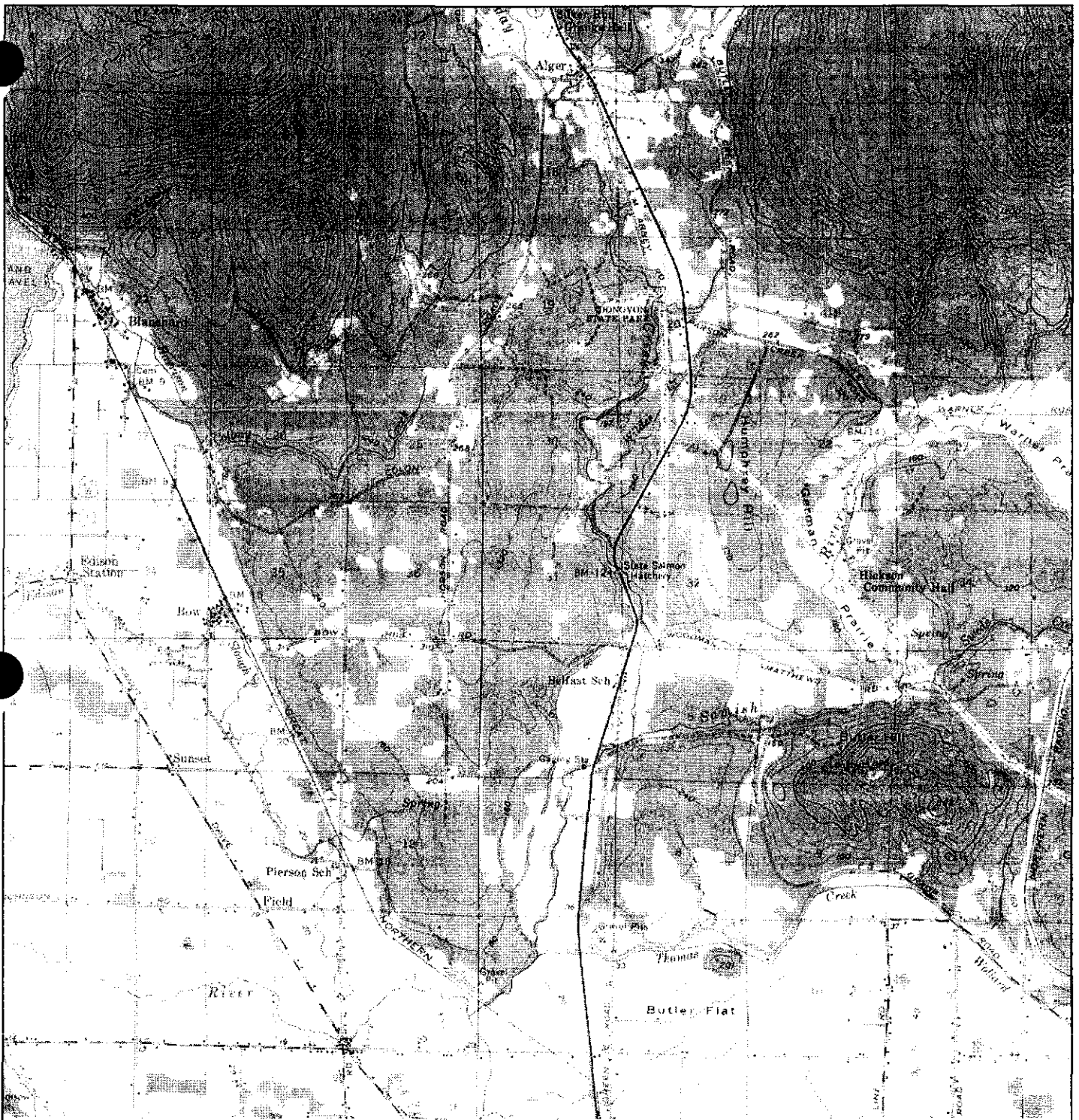
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Historical Topographic Map



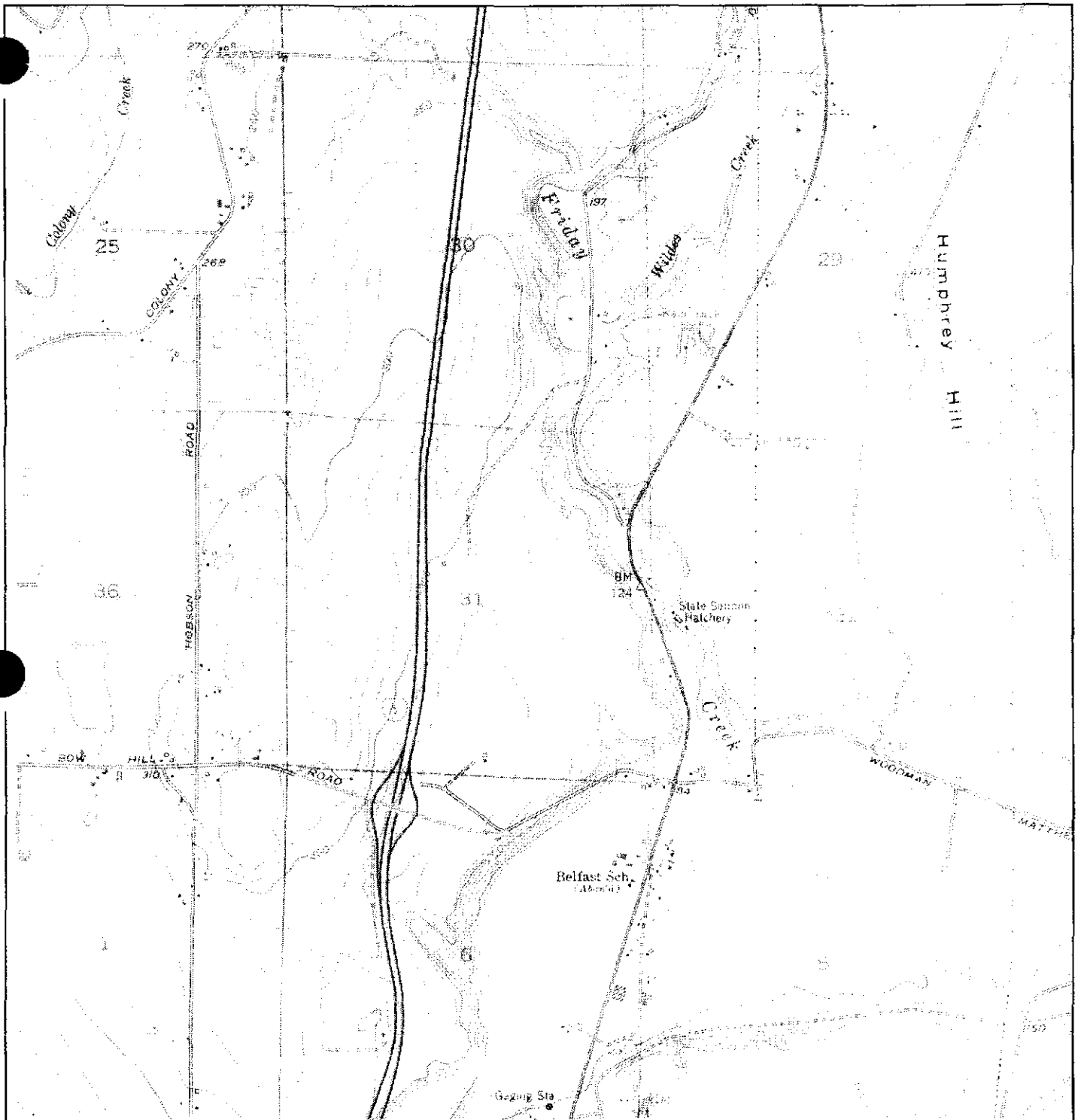
	TARGET QUAD	SITE NAME:	Upper Skagit Indian	CLIENT:	Geo Engineers, Inc.
	NAME: Alger, WA		Tribe Site	CONTACT:	Ron Bek
	MAP YEAR: 1952	ADDRESS:	5984 N. Darrk Lane	INQUIRY#:	2022828.4
			Bow, WA 98232	RESEARCH DATE:	09/07/2007
	SERIES: 7.5	LAT/LONG:	48.562 / 122.3416		
	SCALE: 1:24,000				

Historical Topographic Map



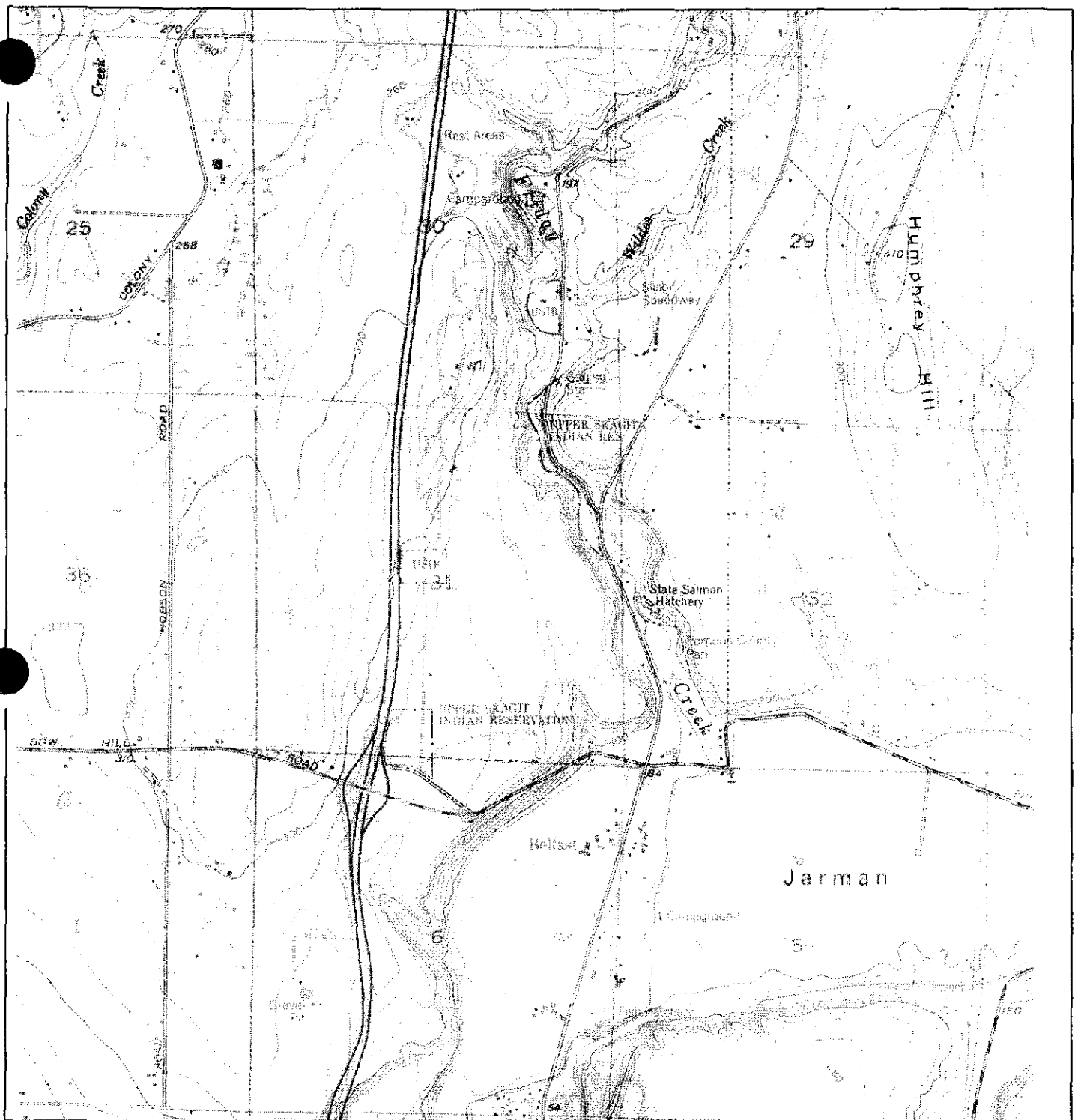
N ↑	TARGET QUAD NAME: Samish Lake, WA MAP YEAR: 1954 SERIES: 15 SCALE: 1:62,500	SITE NAME: Upper Skagit Indian Tribe Site ADDRESS: 5984 N. Dark Lane Bow, WA 98232 LAT/LONG: 48.562 / 122.3416	CLIENT: Geo Engineers, Inc. CONTACT: Ron Bek INQUIRY#: 2022828.4 RESEARCH DATE: 09/07/2007
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Historical Topographic Map



	TARGET QUAD NAME: Alger, WA MAP YEAR: 1968 PHOTOREVISED FROM: 1952 SERIES: 7.5 SCALE: 1:24,000	SITE NAME: Upper Skagit Indian Tribe Site ADDRESS: 5984 N. Darrk Lane Bow, WA 98232 LAT/LONG: 48.562 / 122.3416	CLIENT: Geo Engineers, Inc. CONTACT: Ron Bek INQUIRY#: 2022828.4 RESEARCH DATE: 09/07/2007
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Historical Topographic Map



N TARGET QUAD NAME: Alger, WA MAP YEAR: 1994 REVISED FROM: 1952 SERIES: 7.5 SCALE: 1:24,000	SITE NAME: Upper Skagit Indian Tribe Site ADDRESS: 5984 N. Darrk Lane Bow, WA 98232 LAT/LONG: 48.562 / 122.3416	CLIENT: Geo Engineers, Inc. CONTACT: Ron Bek INQUIRY#: 2022828.4 RESEARCH DATE: 09/07/2007
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APPENDIX C
Report Limitations and Guidelines for Use

REPORT LIMITATIONS AND GUIDELINES FOR USE²

This appendix provides information to help you manage your risks with respect to the use of this report.

Read These Provisions Closely

Some clients, design professionals and contractors may not recognize that the geoscience practices (geotechnical engineering, geology and environmental science) are far less exact than other engineering and natural science disciplines. This lack of understanding can create unrealistic expectations that could lead to disappointments, claims and disputes. GeoEngineers includes these explanatory "limitations" provisions in our reports to help reduce such risks. Please confer with GeoEngineers if you are unclear how these "Report Limitations and Guidelines for Use" apply to your project or site.

Environmental Services Are Performed for Specific Purposes, Persons and Projects

GeoEngineers has performed this ESA of the subject property identified in this report in Bow, Washington in general accordance with the scope and limitations of our proposal dated January 11, 2010, ASTM E 1527-05, Standard Practice for Phase I ESAs, and EPA's Federal Standard 40 CFR Part 312 "Standards and Practices for All Appropriate Inquiries (AAI)." This report has been prepared for the exclusive use of Upper Skagit Indian Tribe. This report is not intended for use by others, and the information contained herein is not applicable to other properties.

GeoEngineers structures our services to meet the specific needs of our clients. For example, an environmental site assessment study conducted for a property owner may not fulfill the needs of a prospective purchaser of the same property. Because each environmental study is unique, each environmental report is unique, prepared solely for the specific client and project property. This report should not be applied for any purpose or project except the one originally contemplated.

This Environmental Report is Based on a Unique Set of Project-Specific Factors

This report has been prepared for the subject property identified in this report in Bow, Washington. GeoEngineers considered a number of unique, project-specific factors when establishing the scope of services for this project and report. Unless GeoEngineers specifically indicates otherwise, do not rely on this report if it was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific property explored, or
- completed before important project changes were made.

² Developed based on material provided by ASFE, Professional Firms Practicing in the Geosciences; www.asfe.org.

If important changes are made to the project or subject property after the date of this report, GeoEngineers should be retained to review our interpretations and recommendations and to provide written modifications or confirmation, as appropriate.

Reliance Conditions for Third Parties

Our report was prepared for the exclusive use of our Client. No other party may rely on the product of our services unless we agree in advance to such reliance in writing. This is to provide our firm with reasonable protection against open-ended liability claims by third parties with whom there would otherwise be no contractual limits to their actions. Within the limitations of scope, schedule and budget, our services have been executed in accordance with our Agreement with the Client and generally accepted environmental practices in this area at the time this report was prepared.

Historical Information Provided by Others

GeoEngineers makes no warranties or guarantees regarding the accuracy or completeness of information provided or compiled by others. The information presented in this report is based on the above-described research and a single recent site visit. GeoEngineers has relied upon information provided by others in our description of historical conditions and in our review of regulatory databases and files. The available data do not provide definitive information with regard to all past uses, operations or incidents at the subject property or adjacent properties.

Uncertainty Remains Even After This ESA Study Is Completed

No ESA can wholly eliminate uncertainty regarding the potential for recognized environmental conditions (RECs) in connection with a property. Performance of an ESA study is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property. There is always a potential that areas with contamination that were not identified during this Phase I ESA exist at the subject property or in the study area. Further evaluation of such potential would require additional research, subsurface exploration, sampling and/or testing.

Environmental Regulations Are Always Evolving

Some substances may be present in the vicinity of the subject property in quantities or under conditions that may have led, or may lead, to contamination of the subject property, but are not included in current local, state or federal regulatory definitions of hazardous substances or do not otherwise present current potential liability. GeoEngineers cannot be responsible if the standards for appropriate inquiry, or regulatory definitions of hazardous substance, change or if more stringent environmental standards are developed in the future.

Property Conditions Can Change

This environmental report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time (for example, a Phase I ESA report is typically applicable for 180 days), by events such as a change in property use or occupancy, or by natural events, such as floods, earthquakes, slope instability or groundwater fluctuations. Always contact GeoEngineers before applying this report so that we may evaluate whether changed conditions affect the continued reliability or applicability of our conclusions and recommendations.

Geotechnical, Geologic and Environmental Reports Should Not Be Interchanged

The equipment, techniques and personnel used to perform an environmental study differ significantly from those used to perform a geotechnical or geologic study and vice versa. For that reason, a geotechnical engineering or geologic report does not usually relate any environmental findings, conclusions or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. Similarly, environmental reports are not used to address geotechnical or geologic concerns regarding a specific project.

Biological Pollutants

GeoEngineers' Scope of Work specifically excludes the investigation, detection, prevention or assessment of the presence of Biological Pollutants. Accordingly, this report does not include any interpretations, recommendations, findings, or conclusions regarding the detecting, assessing, preventing or abating of Biological Pollutants and no conclusions or inferences should be drawn regarding Biological Pollutants, as they may relate to this project. The term "Biological Pollutants" includes, but is not limited to, molds, fungi, spores, bacteria, and viruses, and/or any of their byproducts.

If Client desires these specialized services, they should be obtained from a consultant who offers services in this specialized field.

APPENDIX C

LIST OF TYPICAL WILDLIFE SPECIES

The following is a list of wildlife species that typically occur in the vicinity of the Bow Hill Reservation Site, or in similar settings.

<u>Common Name</u>	<u>Scientific Name</u>
Birds	
American crow	<i>Corvus brachyrhynchos</i>
American goldfinch	<i>Cardellus tristis</i>
American kestrel	<i>Falco parverius</i>
American robin	<i>Turdus migratorius</i>
Anna's hummingbird	<i>Calypte anna</i>
Bald eagle	<i>Haliaeetus leucocephalus</i>
Band-tailed pigeon	<i>Columba fasciata</i>
Barn owl	<i>Tyto alba</i>
Barn swallow	<i>Hirundo rustica</i>
Barred owl	<i>Strix varia</i>
Bewick's wren	<i>Thryomanes bewickii</i>
Black-capped chickadee	<i>Parus atricapillus</i>
Black-headed grosbeak	<i>Pheucticus melanocephalus</i>
Black-throated gray warbler	<i>Dendroica nigrescens</i>
Brown creeper	<i>Certhia americana</i>
Brown-headed cowbird	<i>Molothrus ater</i>
Bushtit	<i>Psaltirparus minimus</i>
California quail	<i>Callipepla californica</i>
Cedar waxwing	<i>Bombycilla cedrorum</i>
Chestnut-backed chickadee	<i>Parus rufescens</i>
Chipping sparrow	<i>Spizella passerina</i>
Common crow	<i>Corvus brachyrhynchos</i>
Common night-hawk	<i>Chordeilus minor</i>
Common raven	<i>Corvus corax</i>
Common yellowthroat	<i>Geothlypis trichas</i>
Coopers hawk	<i>Accipiter cooperii</i>
Dark-eyed junco	<i>Junco hyemalis</i>
Downy woodpecker	<i>Picoides pubescens</i>
Evening grosbeak	<i>Coccothraustes vespertinus</i>
European starling	<i>Sturnus vulgaris</i>

Fox sparrow	<i>Passerella iliaca</i>
Great-horned owl	<i>Bubo virginianus</i>
Golden-crowned kinglet	<i>Regulus satrapa</i>
Hairy woodpecker	<i>Picoides villosus</i>
Hammond's flycatcher	<i>Empidonax hammondii</i>
House finch	<i>Carpodacus mexicanus</i>
House sparrow	<i>Passer domesticus</i>
House wren	<i>Troglodytes aedon</i>
Hutton's vireo	<i>Vireo huttoni</i>
Long-eared owl	<i>Asio otus</i>
Mourning dove	<i>Zenaida macroura</i>
Mountain chickadee	<i>Parus gambeli</i>
MacGillavray's warbler	<i>Oporonis tolmiei</i>
Northern flicker	<i>Colaptes auratus</i>
Northern pygmy owl	<i>Glaucidium gnoma</i>
Northern saw-whet owl	<i>Aegolius acadicus</i>
Northern shrike	<i>Lanius excubitor</i>
Olive-sided flycatcher	<i>Contopus borealis</i>
Orange-crowned warbler	<i>Vermivora celata</i>
Pacific slope flycatcher	<i>Empidonax difficilis</i>
Pileated woodpecker	<i>Dryocopus pileatus</i>
Pine siskin	<i>Carduelis pinus</i>
Purple finch	<i>Carpodacus purpureus</i>
Red-breasted nuthatch	<i>Sitta canadensis</i>
Red-breasted sapsucker	<i>Sphyrapicus ruber</i>
Red-shafted flicker	<i>Colaptes auratus</i>
Red-tailed hawk	<i>Buteo jamaicensis</i>
Ring-necked pheasant	<i>Phasianus colchicus</i>
Ruby-crowned kinglet	<i>Regulus calendula</i>
Ruffed grouse	<i>Bonasa umbellus</i>
Rufous hummingbird	<i>Selasphorus rufus</i>
Rufous-sided towhee	<i>Pipilo erythrophthalmus</i>
Sharp-shinned hawk	<i>Accipiter striatus</i>
Solitary vireo	<i>Vireo solitarius</i>
Song sparrow	<i>Melospiza melodia</i>
Stellar's jay	<i>Cyanocitta stelleri</i>
Swainson's thrush	<i>Catharus ustulatus</i>
Tree swallow	<i>Tachycineta bicolor</i>
Turkey Vulture	<i>Cathartes aura</i>
Varied thrush	<i>Ixoreus naevius</i>
Vaux's swift	<i>Chaetura vauxi</i>

Violet-green swallow
 Warbling vireo
 Western screech owl
 Western tanager
 Western wood-pewee
 Willow flycatcher
 Winter wren
 Wilson's warbler
 Yellow-rumped warbler
 Yellow warbler

Tachycineta thalassina
Vireo gilvus
Otus kennicottii
Piranga rubra
Contopus sordidulus
Empidonax traillii
Troglodytes troglodytes
Wilsonia pusilla
Dendroica coronata
Dendroica petechia

Mammals

Big brown bat
 Black bear
 Black-tailed deer
 Bobcat
 Boreal redback vole
 Bushy-tailed woodrat
 California myotis
 Coast mole
 Columbian black-tailed deer
 Coyote
 Creeping vole
 Deer mouse
 Douglas squirrel
 Dusky shrew
 Eastern cottontail
 Eastern gray squirrel
 Hoary bat
 Little brown myotis
 Long-eared myotis
 Long-tailed vole
 Long-tailed weasel
 Mountain beaver
 Mountain lion
 Norway rat
 Opossum
 Pacific jumping mouse
 Pacific water shrew
 Porcupine
 Raccoon

Eptesicus fuscus
Ursus americanus
Odocoileus hemionus
Felis rufus
Clethrionomys gapperi
Neotoma cinerea
Myotis californicus
Scapanus orarius
Odocoileus hemionus
Canis latrans
Microtus oregoni
Peromyscus maniculatus
Tamiasciurus douglasii
Sorex obscurus
Sylvilagus floridanus
Sciurus carolinensis
Lasiurus cinereus
Myotis lucifugus
Myotis evotis
Microtus longicaudus
Mustela frenata
Aplodontia rufa
Felis concolor
Rattus norvegicus
Didelphis virginianus
Zapus trinotatus
Sorex bendirei
Erythron dorsatum
Procyon lotor

Red fox	<i>Vulpes vulpes</i>
Rocky Mountain Elk	<i>Cervus elaphus</i>
Shrew-mole	<i>Neurotrichus gibbsi</i>
Silver-haired bat	<i>Lasionycteris noctivagans</i>
Snowshoe hare	<i>Lepus americanus</i>
Spotted skunk	<i>Spilogale gracilis</i>
Striped skunk	<i>Mephitis mephitis</i>
Townsend chipmunk	<i>Tamias townsendi</i>
Trowbridge shrew	<i>Sorex trowbridgei</i>
Townsend vole	<i>Microtus townsendi</i>
Wandering shrew	<i>Sorex vagrans</i>
Yuma myotis	<i>Myotis yumanensis</i>

Reptiles

Common garter snake	<i>Thamnophis sirtalis</i>
Northern alligator lizard	<i>Elgaria coerulea</i>
Northwestern garter snake	<i>T. ordinoides</i>
Rubber boa	<i>Charina bottae</i>
Western terrestrial garter snake	<i>Thamnophis elegans</i>

Amphibians

Bullfrog	<i>R. catesbeiana</i>
Ensatina	<i>Ensatina eschscholtzii</i>
Long-toed salamander	<i>Ambystoma macrodactylum</i>
Northwest salamander	<i>Ambystoma gracile</i>
Pacific treefrog	<i>Pseudacris regilla</i>
Red-legged frog	<i>Rana aurora</i>
Rough-skinned newt	<i>Taricha granulosa</i>
Western redback salamander	<i>Plethodon vehiculum</i>
Western toad	<i>Bufo boreas</i>

Source: Adapted from Aqua-Terr Systems, Inc. 2005. Vertebrate Species List: Helmick Road 50-Acre Parcel.

APPENDIX D
BIOLOGICAL ASSESSMENT

**Biological Assessment:
Upper Skagit Indian Tribe-Skagit Resort Expansion**

July 2010

Prepared for:

Upper Skagit Indian Tribe
Attention: Doreen Maloney
25944 Community Plaza Way
Sedro-Woolley, Washington 98284
(360) 854-7000

Prepared by:

Aqua-Terr Systems, Inc.
21993 Grip Road
Sedro-Woolley, Washington 98284
(360) 856-2139



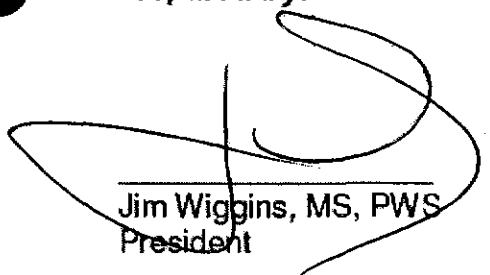
**Biological Assessment:
Upper Skagit Indian Tribe-Skagit Resort Expansion**

July 2010

Prepared for:

Upper Skagit Indian Tribe
Attention: Doreen Maloney
25944 Community Plaza Way
Sedro-Woolley, Washington 98284
(360) 854-7000

Prepared by:



Jim Wiggins, MS, PWS
President

Karla Van Leaven, BS, WPIT
Associate Biologist

Aqua-Terr Systems, Inc.
21993 Grip Road
Sedro-Woolley, Washington 98284
(360) 856-2139

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Appendix A. Upper Skagit Indian Tribe-Bow Hill Trust Conversion and Resort Expansion
25 June 2010 Letter

Appendix B. Species and Critical Habitats Lists

EXECUTIVE SUMMARY

Aqua-Terr Systems, Inc. has been retained by the Upper Skagit Indian Tribe to prepare a Biological Assessment for the proposed expansion of their existing resort facilities. The proposed project area is comprised of approximately 134 acres located at the northeast corner of Bow Hill Road and North Darrk Lane in Skagit County, Washington.

There are six parcels located within the proposed project area that include parcel numbers P35839 and P123324 which lie within a portion of Section 6, Township 35 North, Range 4 East, Willamette Meridian (WM); P50416, P50414, and P119078 which lie within a portion of Section 31, Township 36 North, Range 4 East, WM; and P50500 which lies in a portion of Section 32, Township 36 North, Range 4 East, WM.

The proposed project includes conversion of 134 acres of fee land into tribal trust land for construction and operation of proposed resort facilities that include a recreation and hospitality facility with a hotel, indoor water park, meeting center, restaurant, spa, fitness center, gift shop, and lounge and infrastructure including parking lots, a parking garage, stormwater management facilities, and landscaping.

Conservation measures in the form of Best Management Practices and a Stormwater Control Plan will be utilized to minimize the potential effects to water quality/quantity that may result from the proposed project. Proposed mitigation for impacts to approximately 5 acres of wetlands that will result from the proposed project includes creation of approximately 9 acres of wetlands, installation of approximately 4,300 linear feet of fencing with Native Growth Protection Area signage, and placement of approximately 40 acres of land into a conservation easement for continued protection.

Of the endangered and threatened species and designated critical habitat located within Skagit County, Washington, there are three threatened species, bull trout (*Salvelinus confluentus*), Puget Sound Chinook salmon (*Oncorhynchus tshawytscha*), and Puget Sound steelhead (*Oncorhynchus mykiss*), and their designated critical habitat potentially located within the action area, a 1 mile radius around the project area (approximately 500 acres), of the proposed project.

No effects are anticipated to occur to these listed species or their designated critical habitat as the proposed project will not occur instream and there will be conservation measures in place; therefore, a No Effect (NE) determination is recommended. In addition, there is no Essential Fish Habitat located within the action area and therefore a NE determination is recommended.

INTRODUCTION

The Upper Skagit Indian Tribe (USIT) is proposing to expand their existing resort facilities, which include a casino and neighboring hotel with associated infrastructure, by converting adjacent fee land to tribal trust land for construction of proposed resort facilities, which will include a recreation and hospitality facility with infrastructure, here and after referred to as the proposed project (Appendix A; Figures 1 through 7).

1.0 PROJECT HISTORY

1.1 General

1.1.0 Correspondence

A request for comments regarding the proposed project was provided through the letter included in Appendix A to the following agencies:

Federal

National Oceanic and Atmospheric Administration (NOAA)/National Marine Fisheries Service

United States Army Corps of Engineers (Corps), Seattle District

United States Environmental Protection Agency (USEPA)

United States Fish and Wildlife Service (USFWS)

State

Northwest Clean Air Agency

Washington Department of Archaeology and Historic Preservation

Washington Department of Ecology (Ecology)

Washington Department of Fish and Wildlife (WDFW)

Washington Department of Natural Resources (DNR)

Washington Department of Transportation

County

Skagit County Commissioners

Skagit County Fire Marshall

Skagit County Planning and Development Services

Skagit County Public Works

Local and Other

City of Burlington

County Fire District No. 14 (Alger)

Samish Water District

Skagit PUD No. 1

1.1.1 Supplemental Information

The USIT is in the process of preparing an application to the United States Department of Interior, Bureau of Indian Affairs (BIA) requesting the conversion of fee land to tribal trust land to develop the proposed project (Appendix A). ATSI completed wetland/fish and wildlife reconnaissance reports on four of the six parcels located within the proposed project area which include parcel numbers P35839 (6 acre Brindal parcel), P123324 (21 acre Burkland parcel), P50416 (41 acre Nielson parcel), and P50414 (62 acre Goodyear-Nelson parcel) (ATSI 2004 and 2005; Figures 1 through 3). A biological evaluation for the proposed project was completed and submitted to the Corps (ATSI 2008). ATSI also prepared a mitigation plan for the proposed project (ATSI 2008; Figure 7). An Environmental Assessment is being prepared by a third party consultant for the proposed project (Appendix A). A water quality monitoring plan will be prepared by the USIT (Pacific Surveying and Engineering, Inc. (PSE) 2010).

2.0 PROPOSED PROJECT

2.1 Federal Authority/Agency Discretion

The federal authority for the proposed project is the BIA.

2.2 Purpose and Objectives

The purpose of the proposed project is to expand the existing resort facilities to support diversified economic growth for tribal members and the surrounding community (Appendix A; Figures 4 and 5). With a focus on tourism and hospitality, the objectives of the proposed project are to convert fee land to tribal trust land for construction of the proposed resort facilities (Appendix A; Figures 4 and 5).

2.3 Description

The proposed project includes conversion of approximately 134 acres of fee land into tribal trust land for construction and operation of 28 acres of proposed resort facilities that will include a recreation and hospitality facility with a hotel, indoor water park, meeting center, restaurant, spa, fitness center, gift shop, and lounge and infrastructure including parking lots, a parking garage, stormwater management facilities, and landscaping (Appendix A; Figures 4 and 5). The conservation measures described in Section 2.3.2 Conservation Measures will be utilized to minimize the potential effects to water quality/quantity that may result from the proposed project. Proposed mitigation for impacts to approximately 5 acres of wetlands that will result from the proposed project is described in Section 2.3.3 Mitigation (Figure 7).

2.3.0 Activities

Phase 1

An application to convert fee land to tribal trust land will be submitted in 2010 (Harper 2010; Figure 4).

Phase 2

Construction of the proposed resort facilities and proposed mitigation will be conducted in 2011 (Harper 2010; Figures 5 and 7). Construction will involve contractors and equipment including, but not limited to, chainsaws, excavators, backhoes, bulldozers, and dump trucks and building materials (Harper 2010). Land will be cleared and soil will be moved to prepare the proposed project area for construction. Excavated soil will be placed in the proposed soil stockpile (Figure 5).

2.3.1 Operational Characteristics

There are no known operational characteristics that will result from the proposed project.

2.3.2 Conservation Measures

Best Management Practices

The conservation measures that will be utilized during construction of the proposed resort facilities include the use of temporary erosion and sedimentation control Best Management Practices (BMPs) that will be developed by PSE to Ecology standards (Harper 2010).

Stormwater Control Plan

A preliminary Stormwater Control Plan (SCP) to Ecology standards has been developed to address water quality/quantity concerns (PSE 2010; Figure 5). The SCP includes construction of two stormwater management facilities with grass lined treatment and detention ponds, proposed stormwater management facilities #1 and #2, here and after referred to as the proposed stormwater facilities (ATSI 2008; Figure 5). In addition, the proposed stormwater facilities will discharge into a channel and stormwater management facility of the existing resort facilities before being released into a tributary of Bob Smith creek (ATSI 2008; Figure 5).

2.3.3 Mitigation

The proposed mitigation for fill and disturbance of approximately 5 acres of wetlands includes creation of approximately 9 acres of wetlands, installation of approximately 4,300 linear feet of fencing with Native Growth Protection Area signage, and placement of approximately 40 acres of land into a conservation easement for continued protection (ATSI 2008; Figure 7). The USIT will be the responsible party to provide funding to ensure that the wetland mitigation is implemented.

2.3.4 Underlying Action

There are no underlying actions of the proposed project and therefore there are no interdependent or interrelated actions as the proposed project actions are dependent and related. One potential underlying action would have been road access construction which was resolved in utilizing the existing resort facilities access, North Darrk Lane (Figure 5).

2.4 Ongoing and Previous Projects

A previous project within the action area (described below) included the construction of the existing resort facilities and mitigation located west and south of the proposed project area (Figures 2 and 3). Another previous project located within the action area, known as the Pulley Ridge project (Corps Reference Number 2002-4-00592 and Ecology Order Number 03SEANR-5414) located south of the proposed project area, included the construction of Bow Ridge Drive, a gas station, commercial structures, and a stormwater facility in which a No Effect (NE) determination was made (ATSI 2008; Figures 1 through 3).

2.5 Project and Action Areas

The action area for the proposed project was determined based on the maximum potential extent of direct and indirect effects that may result from the proposed project (Figures 5 and 6). The project area is the area in which the activities outlined in section 2.3.0 Activities will take place (Figures 5 and 6). Direct effects to wildlife habitat (vegetation and wetlands) are anticipated from clearing and filling of which the wetland effects will be mitigated for as described in section 2.3.3 Mitigation (Figures 2 through 7). Potential effects to fish habitat (water quality/quantity) from stormwater runoff are not anticipated because the proposed project will not occur instream and the conservation measures described in section 2.3.2 Conservation Measures will be in place (Figures 5 and 6). With the effects taken into consideration, the action area includes a 1 mile radius (approximately 500 acres) around the proposed project area (Figure 6).

2.5.0 Footprint and Potential Effect Areas

The footprint of the proposed project is located within the proposed project area within the action area (Figures 1 through 6). The proposed project area is comprised of approximately 134 acres located at the northeast corner of Bow Hill Road and North Darrk Lane in Skagit County, Washington (Figures 1 through 6). There are six parcels located within the proposed project area that include parcel numbers P35839 and P123324 which lie within a portion of Section 6, Township 35 North, Range 4 East, WM; P50416, P50414, and P119078 which lie within a portion of Section 31, Township 36 North, Range 4 East, WM; and P50500 which lies in a portion of Section 32, Township 36 North, Range 4 East, WM (Figures 2 through 5).

Direct effects to wildlife habitat (vegetation and wetlands) will occur as a result of the proposed project from clearing a portion of the site of native vegetation. Wetlands will be filled however the wetland effects will be mitigated for as described in section 2.3.3 Mitigation (Figures 2 through 7).

The footprint of the proposed stormwater facilities component of the proposed project is located within the proposed project area (Figures 2 through 5). Proposed stormwater management facilities #1 and #2 will discharge into a channel and stormwater management facility of the existing resort facilities before being released into a tributary of Bob Smith creek. This tributary flows into Bob Smith creek which flows into the Samish River and ultimately into Samish Bay, a portion of the Salish Sea/Puget Sound (Figures 1 through 6). Within the footprint of the stormwater facilities component of the proposed project, potential effects to fish habitat (water quality/quantity) from stormwater runoff are not anticipated due to the presence of the conservation measures described in section 2.3.2 Conservation Measures (Figures 2 through 6).

2.5.1 Location

The proposed project is located within United States Geological Survey Strait of Georgia watershed which has a Hydrological Unit Code of 17110002 (USEPA 2010). The proposed project is also located within a portion of Section 6, Township 35 North, Range 4 East, WM; Section 31, Township 36 North, Range 4 East, WM; and Section 32, Township 36 North, Range 4 East WM at Latitude 48°33'32" North and Longitude 122°20'47" West (Figure 1).

2.5.2 Potential Effect Area Quantifications

The proposed project area is approximately 134 acres in size (Figures 1 through 5). The action area, including the footprints of the potential effect areas of the proposed project and stormwater facilities, is approximately a 1 mile radius around the project area, comprising approximately 500 acres (Figures 1 through 6).

2.6 Maps

Maps are provided in Figures 1 through 7.

3.0 SPECIES AND CRITICAL HABITAT

3.1 Lists

Species lists were acquired from USFWS (Appendix B-Sections 13.2.0 and 13.2.1), NOAA (Appendix B-Section 13.2.2), WDFW (13 April 2010), and DNR (17 March 2010).

3.1.0 Listed Species

Of the endangered and threatened species provided on the lists in section 3.1 Lists, those chosen for review due to their potential presence within the action area include threatened bull trout (*Salvelinus confluentus*), Puget Sound Chinook salmon (*Oncorhynchus tshawytscha*), and Puget Sound steelhead (*Oncorhynchus mykiss*) (USFWS 2009 and NOAA 5 March 2010). The other species listed were not reviewed as their presence is unlikely due to lack of habitat.

Bull Trout

On 1 November 1999, bull trout was listed as threatened (USFWS 25 January 2010).

Puget Sound Chinook Salmon

The Puget Sound Chinook salmon Evolutionary Significant Unit (ESU) was listed as a threatened species on 24 March 1999 with its status reaffirmed on 28 June 2005 (NOAA, 5 March 2010). The Puget Sound Chinook salmon ESU includes all naturally spawned populations of Chinook salmon from rivers and streams flowing into Puget Sound in Washington as well as 26 artificial propagation programs (NOAA 5 March 2010).

Puget Sound Steelhead

The Puget Sound steelhead Distinct Population Segment (DPS) was listed as threatened on 11 May 2007 (NOAA 5 March 2010). The Puget Sound steelhead DPS includes all naturally spawned anadromous winter-run and summer-run steelhead populations in streams in the river basins of Puget Sound in Washington and the Green River natural and Hamma Hamma winter-run steelhead hatchery stocks (NOAA 5 March 2010).

3.1.1 Designated Critical Habitat

Of the designated critical habitat provided on the lists in section 3.1 Lists, those chosen for review due to their potential presence within the action area include bull trout, Puget Sound Chinook salmon, and Puget Sound steelhead (USFWS 2009 and NOAA 5 March 2010). Puget Sound steelhead critical habitat status is currently under development (NOAA 5 March 2010). Critical habitat does not include habitat areas on Indian lands (USFWS 2 September 2005). The other designated critical habitats listed were not reviewed as their presence is unlikely (USFWS 2009 and NOAA 5 March 2010).

3.2 Species Descriptions

3.2.0 Bull Trout

Habitat

Bull trout have the most specific habitat requirements of any of the Pacific Northwest salmonids (USFWS 25 January 2010). Bull trout require the cold water temperatures; clean stream substrates for spawning and rearing; complex habitats, including streams with riffles and deep pools, undercut banks and large logs; and connections from river, lake, and ocean habitats to headwater streams for annual spawning and feeding migrations (USFWS 25 January 2010).

Distribution

Bull trout presence and presumed presence have been documented in the Samish River, downstream of the action area (WDFW 2003). *Bull trout require waters that are not necessarily found within the Samish River and no records of their presence have been recorded nor observed within the action area.

3.2.1 Chinook Salmon

Habitat

Juvenile Chinook salmon may spend from 3 months to 2 years in freshwater before migrating to estuarine areas as smolts and then into the ocean to feed and mature (NOAA 5 March 2010). They prefer streams that are deeper and larger than those used by other Pacific salmon species (NOAA 5 March 2010).

Distribution

Fall Chinook salmon presence, spawning, and rearing have been documented in the Samish River while presence has been documented in Bob Smith creek (WDFW 2003). *The run of Chinook salmon is of Green River origin that was introduced around the turn of the last century and therefore is not naturally spawned.

3.2.2 Steelhead

Habitat

Steelhead are capable of surviving in a wide range of temperature conditions (NOAA 5 March 2010). In streams, deep low-velocity pools are important wintering habitats (NOAA 5 March 2010). Spawning habitat consists of gravel substrates free of excessive silt.

Distribution

Winter steelhead presence, spawning, and rearing have been documented in the Samish River (WDFW 2003). *Steelhead are known to reside within the Samish River but not within Bob Smith creek.

*Statement based on ATSI's knowledge from field work within the Samish River and knowledge of the fish runs that are present within the river through field observations.

3.3 Critical Habitat Designation

3.3.0 Bull Trout

Geographical Extent

The geographical extent of bull trout designated critical habitat includes the Samish River downstream of the confluence with Bob Smith creek, south of the action area (USFWS 17 March 2010).

Primary Constituent Elements

In order to maintain bull trout populations, the critical habitat designation focuses on maintaining the following Primary Constituent Elements (PCEs): (1) protecting sufficient amounts of spawning and rearing habitat in upper watershed areas; (2) providing suitable habitat conditions in downstream rivers and lakes to provide foraging and overwintering habitat for fluvial and adfluvial fish; and (3) maintaining migratory routes and the potential for gene flow between populations by maintaining habitat conditions that allow for fish passage (USFWS 26 September 2005).

Activities that may destroy or adversely modify critical habitat are those that alter the PCEs to an extent that the conservation value of critical habitat for the bull trout is appreciably reduced. Activities that, when carried out, funded, or authorized by a Federal agency, may affect critical habitat and therefore result in consultation for the bull trout include, but are not limited to: (1) Detrimental altering of the minimum flow or the natural flow regime of any of the designated stream segments; (2) Alterations to the designated stream segments that could indirectly cause significant and detrimental effects to bull trout habitat; (3) Detrimental altering of the channel morphology of any of the designated stream segments; (4) Detrimental alterations to the water chemistry in any of the designated stream segments; (5) Proposed activities that are likely to result in the introduction, spread, or augmentation of nonnative aquatic species in any of the designated stream segments; and (6) Proposed activities that are likely to create significant instream barriers to bull trout movement (USFWS 26 September 2005).

3.3.1 Puget Sound Chinook Salmon

Geographical Extent

The geographical extent of Puget Sound Chinook salmon designated critical habitat includes the Samish River and Bob Smith creek, within the action area (USFWS 19 March 2010).

Primary Constituents Elements

See section 3.3.3 Puget Sound Chinook Salmon and Puget Sound Steelhead for a description of PCEs.

3.3.2 Puget Sound Steelhead

Geographical Extent

Puget Sound steelhead designated critical habitat may be present within the Samish River as species presence, spawning, and rearing have been documented (WDFW 2003) and *they are known to reside within the Samish River.

Primary Constituents Elements

See section 3.3.3 Puget Sound Chinook Salmon and Puget Sound Steelhead for a description of PCEs.

3.3.3 Puget Sound Chinook Salmon and Puget Sound Steelhead

Primary Constituents Elements

The PCEs essential for the conservation of the Puget Sound Chinook salmon and Puget Sound steelhead ESUs are those sites and habitat components that support one or more life stages, including: (1) Freshwater spawning sites with water quantity and quality conditions and substrate supporting spawning, incubation and larval development; (2) Freshwater rearing sites; (3) Freshwater migration corridors free of obstruction and excessive predation with water quantity and quality conditions and natural cover such as submerged and overhanging large wood, aquatic vegetation, large rocks and boulders, side channels, and undercut banks supporting juvenile and adult mobility and survival; (4) Estuarine areas free of obstruction and excessive predation; (5) Nearshore marine areas free of obstruction and excessive predation; and (6) Offshore marine areas with water quality conditions and forage, including aquatic invertebrates and fishes, supporting growth and maturation (USFWS 2 September 2005).

A wide variety of activities may affect critical habitat. Generally these include water and land management actions; timber sales and other vegetation management activities; irrigation diversions; road building and maintenance activities; and mining and road building/maintenance activities. Other actions of concern include dredge and fill, mining, diking, and bank stabilization activities, habitat modifications, and approval of water quality standards and pesticide labeling and use restrictions (USFWS 2 September 2005).

*Statement based on ATSI's knowledge from field work within the Samish River and knowledge of the fish runs that are present within the river through field observations.

4.0 ENVIRONMENTAL BASELINE

4.1 Project and Action Areas

The geographical area that the environmental baseline is being established for the proposed project includes the 1 mile radius of the action area described in section 2.5 Project and Action Areas (Figure 6).

4.2 Description

The known existing factors that may have affected and/or are affecting the environment of the potential species and critical habitat outlined in Section 3.0 SPECIES AND CRITICAL HABITAT present within the action area include the existing resort facilities, the Pulley Ridge project located adjacent to the proposed project area, Interstate 5, Old 99 South, Bow Hill Road, and adjacent farm land (Figures 1 through 6).

4.2.0 Impacts

The existing resort facilities were constructed within the action area in which the stormwater runoff may have affected/is affecting fish habitat (water quality/quantity) (Figures 2 through 6). The Pulley Ridge project was given a NE determination and therefore it is presumed that there are no resultant effects (ATSI 2008; Figures 1 through 6). Stormwater runoff from roads and farmland may affect water quality/quantity.

4.2.1 Justification

Utilizing those scientific based methods outlined in the wetland/fish and wildlife reconnaissance reports prepared for the parcels located within the proposed project area, the following habitats and species exist (ATSI 2004, 2005, and 2008; Figures 2 through 6):

Habitat

The proposed project area is comprised of a combination of upland and wetland areas that are fields, recently logged areas, gravel roads, and equipment storage areas.

A tributary of Bob Smith creek is located on and adjacent to the southwest portion of the proposed project area (Figures 2 through 6). The portion of the tributary of Bob Smith creek located within and adjacent to the proposed project area is within a steep well defined ravine. About 0.5 miles downstream of the proposed project area, Bob Smith creek has a gravel and cobble substrate and is approximately 6 to 8 feet wide in the meander channel with a standard width of stream flow about 3 to 4 feet wide. At the confluence with the Samish River, Bob Smith creek is about 6 to 12 inches deep and about 4 feet wide and is ditched. Overall, Bob Smith creek has numerous pieces of large woody debris.

Species

Hatchery stock Chinook salmon reside within the Samish River. It is likely these Chinook salmon can enter the lower portion of Bob Smith creek at the confluence with the Samish River, but it is unlikely that they enter the upper reaches because it is shallower and steeper upstream and because there is a passage barrier culvert located at Bow Hill Road.

4.2.2 Map

Maps of the vegetation and habitat are provided in Figures 2 and 4.

4.2.3 Photographs

No photographs of the action area were taken and, therefore, photographs are not provided.

4.3 Potential Affected Habitat Features

Direct effects to wildlife habitat (vegetation and wetlands) are anticipated from clearing and filling of which the wetland effects will be mitigated for as described in section 2.3.3 Mitigation (Figures 2 through 7). Potential effects to fish habitat (water quality/quantity) from stormwater runoff are not anticipated because the proposed project will not occur instream and the conservation measures described in section 2.3.2 Conservation Measures will be in place (Figures 5 and 6).

5.0 PROJECT EFFECTS

Direct, indirect, interdependent and interrelated, ongoing project activities, environmental baseline, and critical habitat effects to listed species and their designated critical habitat are not anticipated as the proposed project will not occur instream and the conservation measures described in section 2.3.2 Conservation Measures will be in place (Figures 5 and 6).

5.1 Data

There is no known data available, outside of this Biological Assessment (BA), concerning the impact of the proposed project on listed species or designated critical habitat. The BA has been prepared by Aqua-Terr Systems, Inc. (ATSI) staff that have been on and collected data within the action area. Data collected by ATSI have been prepared and presented within the reports referenced within this BA and include recent field reconnaissances of those portions of the action area that are relevant such as the proposed project site, the project area, the tributary to Bob Smith creek, Bob Smith creek, and the Samish River.

5.2 Effects Determinations

5.2.0 Listed Species and Designated Critical Habitat

A NE determination is recommended for listed species and their designated critical habitat as the proposed project will not occur instream, the conservation measures described in section 2.3.2 Conservation Measures will be in place, and a NE determination was made for the Pulley Ridge project located south of the proposed project area (Figures 5 and 6).

Listed Species

Bull Trout

A NE determination is recommended for bull trout. Although bull trout presence and presumed presence have been documented in the Samish River, they are downstream of the action area (WDFW 2003). *In addition, bull trout require waters that are not necessarily found within the Samish River and no records of their presence have been recorded nor observed within the action area.

Puget Sound Chinook Salmon

A NE determination is recommended for Puget Sound Chinook salmon. Although Fall Chinook salmon presence, spawning, and rearing have been documented in the Samish River and presence has been documented in Bob Smith creek (WDFW 2003), *the run is of Green River origin that was introduced around the turn of the last century and therefore is not naturally spawned.

Puget Sound Steelhead

A NE determination is recommended for Puget Sound steelhead. Although winter steelhead presence, spawning, and rearing have been documented in the Samish River (WDFW 2003) and *they are known to reside within the Samish River, see section 5.2.0 Listed Species and Designated Critical Habitat for reasoning which includes conservation measures, BMP utilization, and wetland mitigation.

*Statement based on ATSI's knowledge from field work within the Samish River and knowledge of the fish runs that are present within the river through field observations.

Designated Critical Habitat

Bull Trout

A NE determination is recommended for bull trout designated critical habitat. Although the geographical extent of bull trout designated critical habitat includes the Samish River, it is located downstream of the confluence with Bob Smith creek, south of the action area (USFWS 17 March 2010). *In addition, bull trout require waters that are not necessarily found within the Samish River and no records of their presence have been recorded nor observed within the action area.

Puget Sound Chinook Salmon

A NE determination is recommended for Puget Sound Chinook salmon designated critical habitat. Although the geographical extent of Puget Sound Chinook salmon designated critical habitat includes the Samish River and Bob Smith creek, within the action area (USFWS 19 March 2010), see section 5.2.0 Listed Species and Designated Critical Habitat for reasoning.

Puget Sound Steelhead

A NE determination is recommended for Puget Sound steelhead designated critical habitat. Although Puget Sound steelhead designated critical habitat may be present within the Samish River as species presence, spawning, and rearing have been documented (WDFW 2003) and *they are known to reside within the Samish River, see section 5.2.0 Listed Species and Designated Critical Habitat for reasoning.

*Statement based on ATSI's knowledge from field work within the Samish River and knowledge of the fish runs that are present within the river through field observations.

5.3 Summary

No effects are anticipated to occur to listed species or their designated critical habitat as the proposed project will not occur instream and the conservation measures described in section 2.3.2 Conservation Measures will be in place (Figures 5 and 6).

5.4 Tribal Effects

The proposed project will be constructed on tribal trust land after it is converted.

6.0 CUMMULATIVE EFFECTS

There are no known cumulative effects to listed species or their designated critical habitat that will result from the proposed project.

7.0 CONCLUSIONS

The proposed project is the construction of the proposed resort facilities (Figures 1 through 7). Of the endangered and threatened species located in Skagit County, Washington, there are three threatened species (bull trout, Puget Sound Chinook salmon, and Puget Sound steelhead) and their designated critical habitat potentially located within the action area. No effects are anticipated to occur to listed species or their designated critical habitat as the proposed project will not occur instream and the conservation measures described in section 2.3.2 Conservation Measures will be in place (Figures 5 and 6); therefore, a NE determination is recommended.

8.0 ESSENTIAL FISH HABITAT

8.1 Proposed Project

Refer to section 2.0 PROPOSED PROJECT for a description of the proposed project.

8.2 Fisheries Management Plan

Pacific coast groundfish, coastal pelagic, and west coast salmon Essential Fish Habitat (EFH) is located in Puget Sound and west coast salmon freshwater EFH is not located within the Samish River, therefore, no EFH is located within the action area (NOAA 24 March 2010).

8.3 Effects Determinations

A NE determination is recommended for EFH as there is none located within the action area (NOAA 24 March 2010).

8.4 Conservation Measures

Refer to section 2.3.2 Conservation Measures for a description of the conservation measures.

8.5 Conclusions

There is no EFH located within the action area and therefore a NE determination is recommended (NOAA 24 March 2010).

9.0 LIMITATIONS

We have used the most current, established methods to make determinations regarding listed species and designated critical habitat. All of the above statements are based on our best professional judgment. Although we follow the local, state, and federal criteria, we cannot guarantee that the local jurisdiction, Ecology, Corps, or other federal agency determination will correspond to ours. Please note that regulations pertaining to listed species and designated critical habitat are subject to change over time.

10.0 REFERENCES

Aqua-Terr Systems, Inc. 10 December 2004. *Wetland/Fish and Wildlife Reconnaissance, 6-acre Brindal parcel.*

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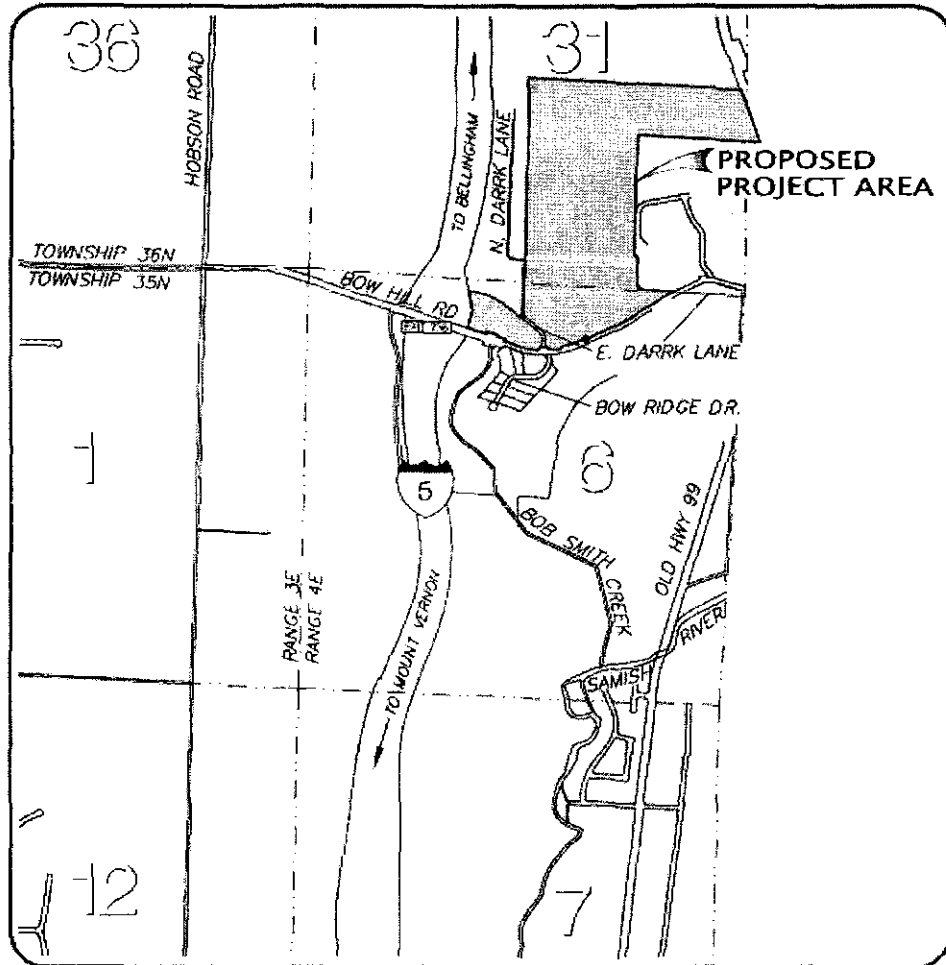
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12.0 FIGURES

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

SITUATE IN A PORTIONS OF THE SW 1/4 OF SECTION 31, TOWNSHIP 36 NORTH, RANGE 4 EAST &
NW 1/4 OF SECTION 6, TOWNSHIP 35 NORTH, RANGE 4 EAST, W.M., SKAGIT COUNTY, WASHINGTON
LATITUDE: 48°33'32" N, LONGITUDE: -122°20'47" W



VICINITY MAP

DIRECTIONS TO SITE:

- FROM INTERSTATE 5, TAKE EXIT 236 (BOW HILL RD)
- HEAD EAST ON BOW HILL ROAD
- TURN NORTH ON E. DARRK LN



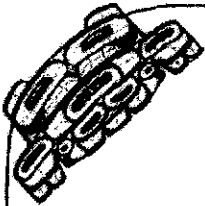
PACIFIC SURVEY & ENGINEERING, INC.
7417 CORNWALL, BELLINGHAM, WA 98225
PHONE 671.7287 FAX 671.1805 WWW.PSE.SURVEY.COM

VICINITY MAP

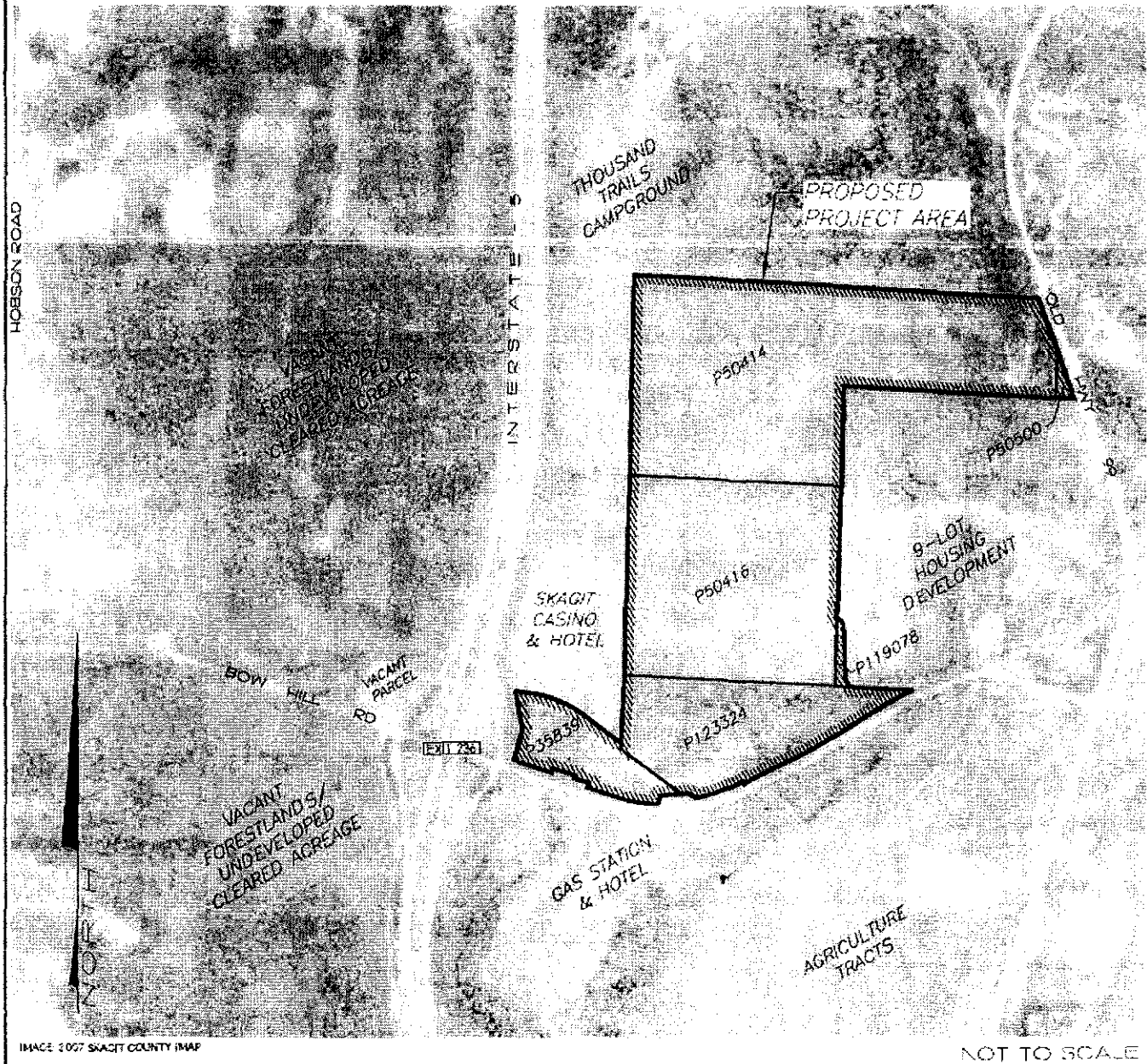
UPPER SKAGIT INDIAN TRIBE - BIOLOGICAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 1

PREPARED: MARCH 18, 2010



UPPER SKAGIT INDIAN TRIBE
25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004



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1812 CORTLAND, BELLINGHAM, WA 98221
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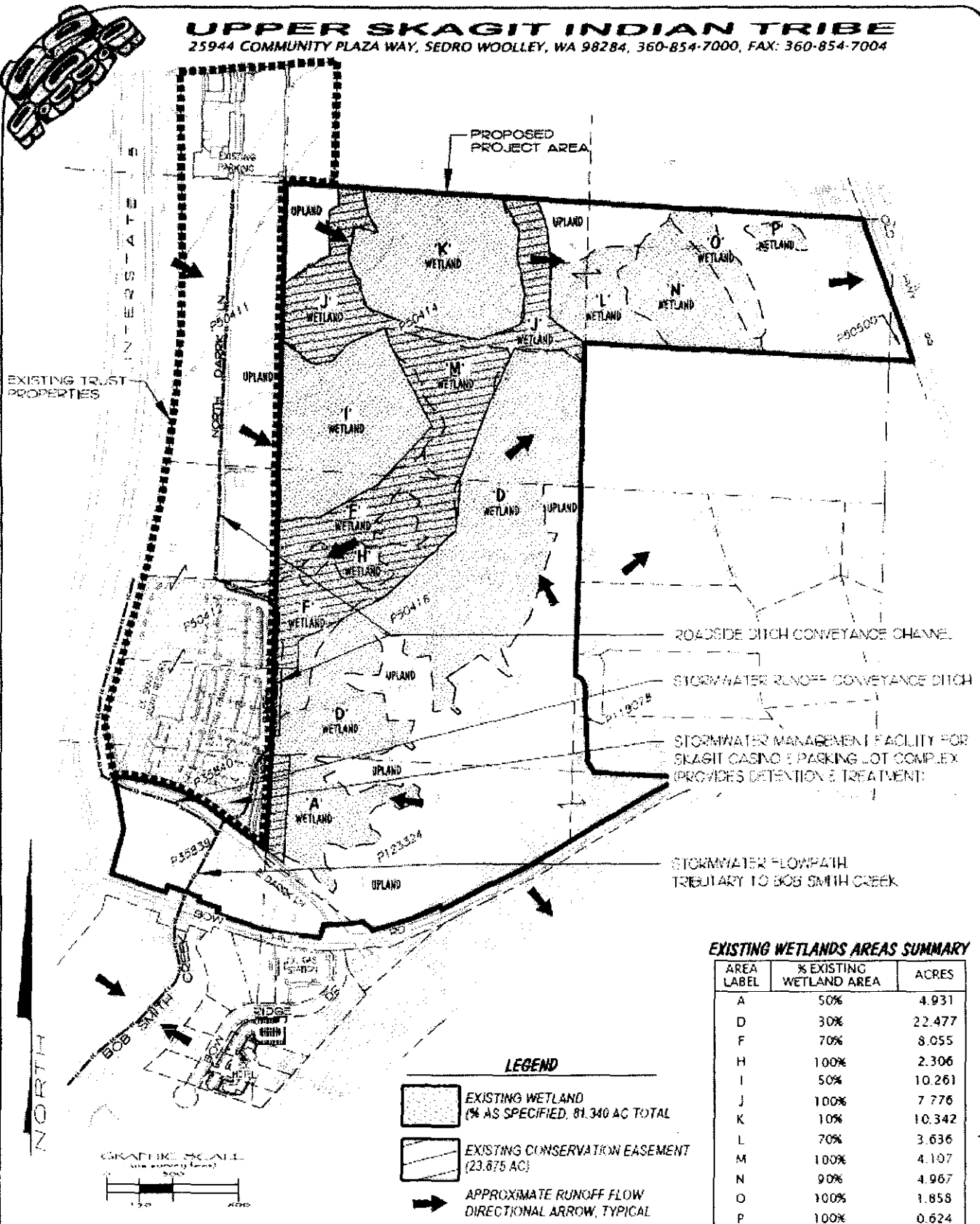
AERIAL PHOTOGRAPH
UPPER SKAGIT INDIAN TRIBE -- BIOLOGICAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 2

PREPARED: MARCH 18, 2010

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

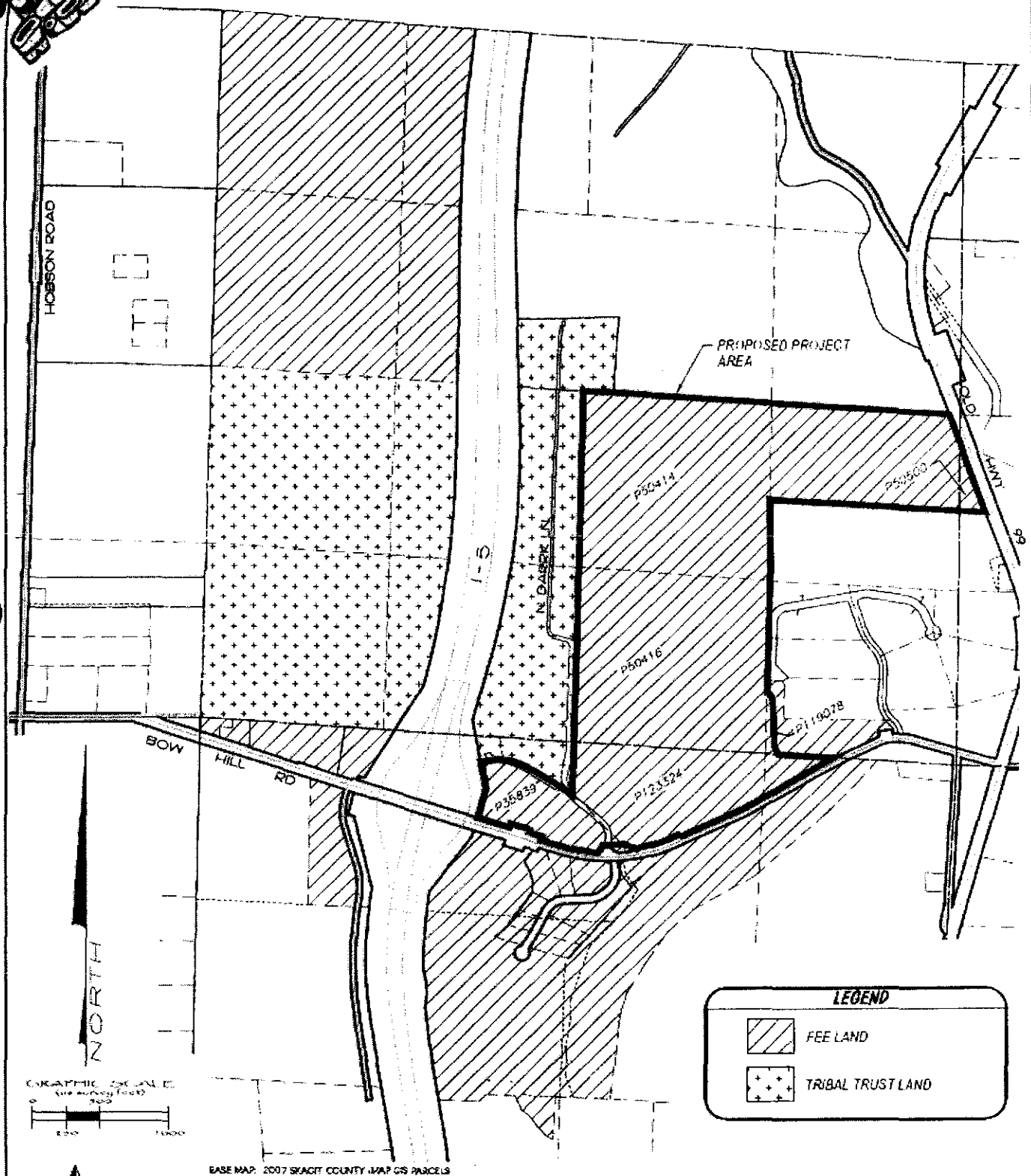


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As per Report L000175 dated 01/26/2010, 02/02/2010, 02/03/2010, 02/04/2010, 02/05/2010, 02/06/2010, 02/07/2010, 02/08/2010, 02/09/2010, 02/10/2010, 02/11/2010, 02/12/2010, 02/13/2010, 02/14/2010, 02/15/2010, 02/16/2010, 02/17/2010, 02/18/2010, 02/19/2010, 02/20/2010, 02/21/2010, 02/22/2010, 02/23/2010, 02/24/2010, 02/25/2010, 02/26/2010, 02/27/2010, 02/28/2010, 02/29/2010, 03/01/2010, 03/02/2010, 03/03/2010, 03/04/2010, 03/05/2010, 03/06/2010, 03/07/2010, 03/08/2010, 03/09/2010, 03/10/2010, 03/11/2010, 03/12/2010, 03/13/2010, 03/14/2010, 03/15/2010, 03/16/2010, 03/17/2010, 03/18/2010, 03/19/2010, 03/20/2010, 03/21/2010, 03/22/2010, 03/23/2010, 03/24/2010, 03/25/2010, 03/26/2010, 03/27/2010, 03/28/2010, 03/29/2010, 03/30/2010, 03/31/2010, 04/01/2010, 04/02/2010, 04/03/2010, 04/04/2010, 04/05/2010, 04/06/2010, 04/07/2010, 04/08/2010, 04/09/2010, 04/10/2010, 04/11/2010, 04/12/2010, 04/13/2010, 04/14/2010, 04/15/2010, 04/16/2010, 04/17/2010, 04/18/2010, 04/19/2010, 04/20/2010, 04/21/2010, 04/22/2010, 04/23/2010, 04/24/2010, 04/25/2010, 04/26/2010, 04/27/2010, 04/28/2010, 04/29/2010, 04/30/2010, 05/01/2010, 05/02/2010, 05/03/2010, 05/04/2010, 05/05/2010, 05/06/2010, 05/07/2010, 05/08/2010, 05/09/2010, 05/10/2010, 05/11/2010, 05/12/2010, 05/13/2010, 05/14/2010, 05/15/2010, 05/16/2010, 05/17/2010, 05/18/2010, 05/19/2010, 05/20/2010, 05/21/2010, 05/22/2010, 05/23/2010, 05/24/2010, 05/25/2010, 05/26/2010, 05/27/2010, 05/28/2010, 05/29/2010, 05/30/2010, 05/31/2010, 06/01/2010, 06/02/2010, 06/03/2010, 06/04/2010, 06/05/2010, 06/06/2010, 06/07/2010, 06/08/2010, 06/09/2010, 06/10/2010, 06/11/2010, 06/12/2010, 06/13/2010, 06/14/2010, 06/15/2010, 06/16/2010, 06/17/2010, 06/18/2010, 06/19/2010, 06/20/2010, 06/21/2010, 06/22/2010, 06/23/2010, 06/24/2010, 06/25/2010, 06/26/2010, 06/27/2010, 06/28/2010, 06/29/2010, 06/30/2010, 07/01/2010, 07/02/2010, 07/03/2010, 07/04/2010, 07/05/2010, 07/06/2010, 07/07/2010, 07/08/2010, 07/09/2010, 07/10/2010, 07/11/2010, 07/12/2010, 07/13/2010, 07/14/2010, 07/15/2010, 07/16/2010, 07/17/2010, 07/18/2010, 07/19/2010, 07/20/2010, 07/21/2010, 07/22/2010, 07/23/2010, 07/24/2010, 07/25/2010, 07/26/2010, 07/27/2010, 07/28/2010, 07/29/2010, 07/30/2010, 07/31/2010, 08/01/2010, 08/02/2010, 08/03/2010, 08/04/2010, 08/05/2010, 08/06/2010, 08/07/2010, 08/08/2010, 08/09/2010, 08/10/2010, 08/11/2010, 08/12/2010, 08/13/2010, 08/14/2010, 08/15/2010, 08/16/2010, 08/17/2010, 08/18/2010, 08/19/2010, 08/20/2010, 08/21/2010, 08/22/2010, 08/23/2010, 08/24/2010, 08/25/2010, 08/26/2010, 08/27/2010, 08/28/2010, 08/29/2010, 08/30/2010, 08/31/2010, 09/01/2010, 09/02/2010, 09/03/2010, 09/04/2010, 09/05/2010, 09/06/2010, 09/07/2010, 09/08/2010, 09/09/2010, 09/10/2010, 09/11/2010, 09/12/2010, 09/13/2010, 09/14/2010, 09/15/2010, 09/16/2010, 09/17/2010, 09/18/2010, 09/19/2010, 09/20/2010, 09/21/2010, 09/22/2010, 09/23/2010, 09/24/2010, 09/25/2010, 09/26/2010, 09/27/2010, 09/28/2010, 09/29/2010, 09/30/2010, 10/01/2010, 10/02/2010, 10/03/2010, 10/04/2010, 10/05/2010, 10/06/2010, 10/07/2010, 10/08/2010, 10/09/2010, 10/10/2010, 10/11/2010, 10/12/2010, 10/13/2010, 10/14/2010, 10/15/2010, 10/16/2010, 10/17/2010, 10/18/2010, 10/19/2010, 10/20/2010, 10/21/2010, 10/22/2010, 10/23/2010, 10/24/2010, 10/25/2010, 10/26/2010, 10/27/2010, 10/28/2010, 10/29/2010, 10/30/2010, 10/31/2010, 11/01/2010, 11/02/2010, 11/03/2010, 11/04/2010, 11/05/2010, 11/06/2010, 11/07/2010, 11/08/2010, 11/09/2010, 11/10/2010, 11/11/2010, 11/12/2010, 11/13/2010, 11/14/2010, 11/15/2010, 11/16/2010, 11/17/2010, 11/18/2010, 11/19/2010, 11/20/2010, 11/21/2010, 11/22/2010, 11/23/2010, 11/24/2010, 11/25/2010, 11/26/2010, 11/27/2010, 11/28/2010, 11/29/2010, 11/30/2010, 12/01/2010, 12/02/2010, 12/03/2010, 12/04/2010, 12/05/2010, 12/06/2010, 12/07/2010, 12/08/2010, 12/09/2010, 12/10/2010, 12/11/2010, 12/12/2010, 12/13/2010, 12/14/2010, 12/15/2010, 12/16/2010, 12/17/2010, 12/18/2010, 12/19/2010, 12/20/2010, 12/21/2010, 12/22/2010, 12/23/2010, 12/24/2010, 12/25/2010, 12/26/2010, 12/27/2010, 12/28/2010, 12/29/2010, 12/30/2010, 12/31/2010

UPPER SKAGIT INDIAN TRIBE

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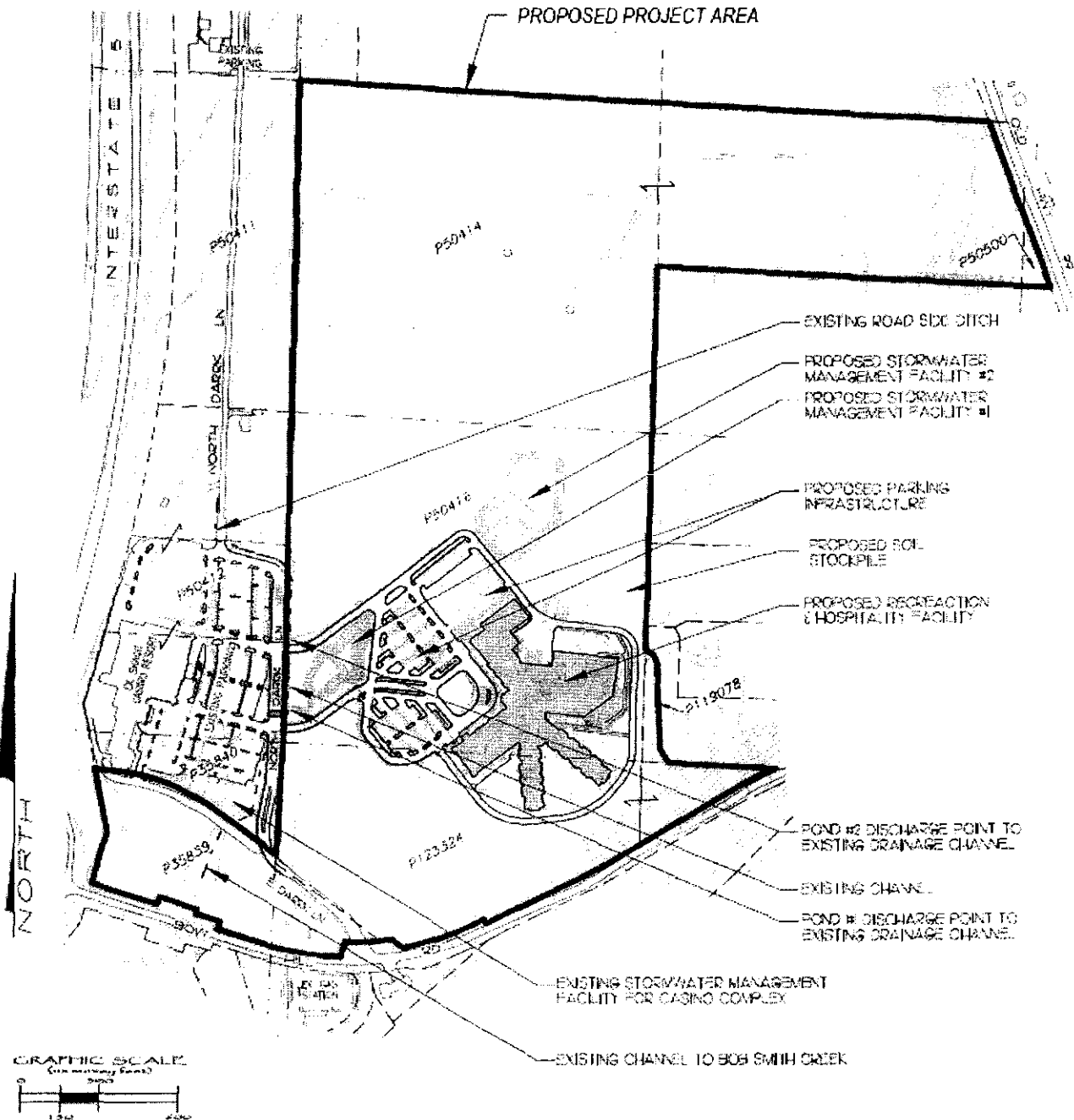
**PROPOSED PROJECT CONDITIONS - CONVERT FEE LAND
TO TRIBAL TRUST LAND**
UPPER SKAGIT INDIAN TRIBE - BIOLOGICAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 4

PREPARED: MARCH 18, 2010

P:\New Projects\Upper Skagit\Biology\Biology-20-2008\6.20.10

UPPER SKAGIT INDIAN TRIBE
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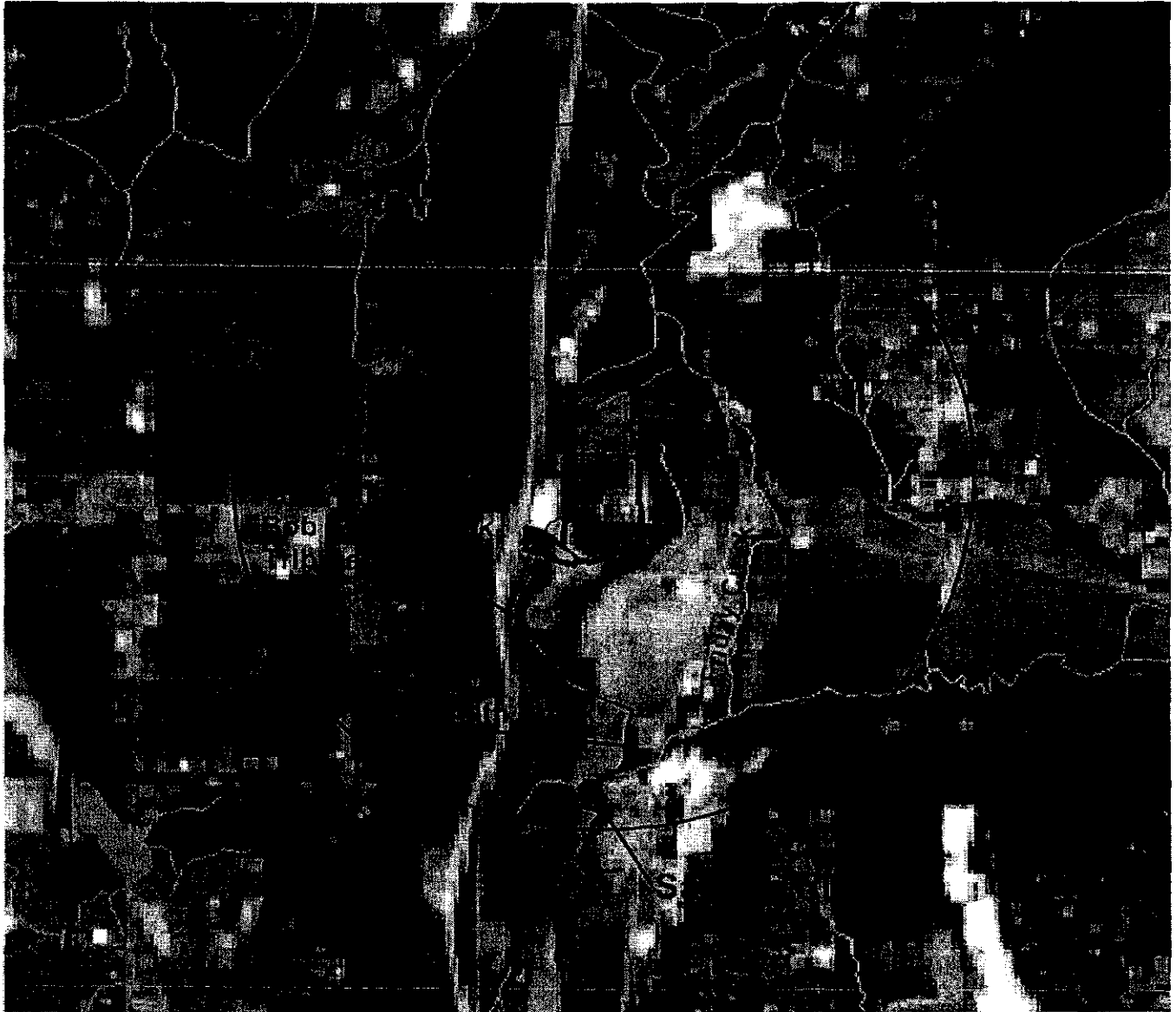


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1812 CORNWALL, BELLINGHAM, WA 98228
PHONE: 360.737.7327 FAX: 360.737.7328 WWW.PSEURV.COM

PROPOSED PROJECT CONDITIONS - RESORT CONSTRUCTION
UPPER SKAGIT INDIAN TRIBE - BIOLOGICAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 5

PREPARED: MARCH 18, 2010



MADE: Washington Department of Fish and Wildlife Salmonscope

○ 1 Mile Action Area



ATSI
Aquatic Territorial Systems, Inc.

ACTION AREA
UPPER SKAGIT INDIAN TRIBE - BIOLOGICAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 6

PREPARED: MARCH 22, 2010

UPPER SKAGIT INDIAN TRIBE

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

PROPOSED WETLAND CREATION
AREA (10.342 AC TOTAL, 8.975 AC NET)

PROPOSED PRESERVED
WETLAND MITIGATION
AREA (22.756 AC)

PROPOSED PRESERVED
WETLAND MITIGATION
AREA (1.892 AC)

PROPOSED PRESERVED
WETLAND MITIGATION
AREA (9.631 AC)

PROPOSED
CONSERVATION AREA
DISTURBANCE = 0.011 AC

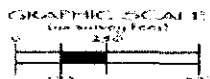
PROPOSED PRESERVED
WETLAND MITIGATION
AREA (6.127 AC)

SCREENING BERM & PLANTINGS (SEE DETAIL THIS SHEET)

LEGEND

-  EXISTING WETLAND
-  EXISTING CONSERVATION AREA EASEMENT
"WETLAND MITIGATION AREA" (23.875 AC)
-  PROPOSED ADDITIONAL
CONSERVATION AREA EASEMENT
"WETLAND MITIGATION AREA" (40.407 AC)
-  PROPOSED WETLAND CREATION AREA
& CONSERVATION AREA EASEMENT (10.342 AC)
-  PROPOSED WETLAND FILL AREA
(3.906 AC)

PROPOSED WETLAND DISTURBANCE



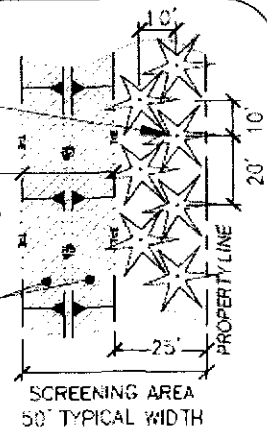
UPLAND

LIMITS OF PROPOSED
DEVELOPMENT

EVERGREEN
CONIFER TREES

EARTH BERM
WIDTH VARIES (MIN. 20')
HEIGHT VARIES 5' TO 10'

2H:1V SLOPE, TYPICAL



SCREENING BERM & PLANTINGS DETAIL



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WETLAND IMPACTS & MITIGATION
UPPER SKAGIT INDIAN TRIBE - BIOLOGICAL ASSESSMENT
BOW HILL RESORT EXPANSION

FIGURE 7

PREPARED: MARCH 18, 2016

A:\New Projects\2016\160302\20160302\160302-20-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000

13.0 APPENDICES

13.1 Appendix A. Upper Skagit Indian Tribe-Bow Hill Trust Conversion and Resort
Expansion 25 June 2010 Letter



UPPER SKAGIT INDIN TRIBE
25944 Community Plaza Way
Sedro-Woolley, WA 98284
Phone: (360) 854-7000 • Fax: (360) 854-7004

June 25, 2010
Skagit County Public Utility
District No. 1
P.O. Box 1436
Mt. Vernon, WA 98273-1436

Subject: Upper Skagit Indian Tribe
Bow Hill Fee-to-Trust Conversion Application and Proposed Resort Expansion

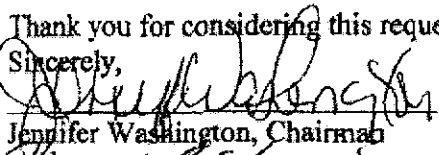
To Whom It May Concern:

The Upper Skagit Indian Tribe (Tribe) has one of its Reservation areas located at Exit 236 of Interstate 5 at Bow Hill Road in Skagit County, WA. This Reservation (all trust land) was previously set aside for economic development and currently houses the Tribe's existing Resort facilities, including the casino and neighboring hotel along with associated parking and infrastructure. The Tribe is in the process of preparing an application to the Bureau of Indian Affairs to convert approximately 134.13 acres of contiguous fee land into federal trust status for additional economic, non-gaming development. The purpose of this proposed trust conversion is to allow expansion of the Resort facilities to support diversified economic growth for tribal members and the surrounding community. Additional details regarding the proposed Resort expansion are included in the attached Project Description.

The Tribe is having an independent, third-party consultant prepare an Environmental Assessment pursuant to the National Environmental Policy Act (NEPA). The purpose of this letter is to provide your agency with an opportunity to submit formal comments to the Tribe at the address listed herein on the proposed trust conversion and Resort expansion. All comments received will be considered during the environmental review required under NEPA and will be included in the Environmental Review Record that is currently being compiled. Receipt of your comments is requested by July 25, 2010. A Site Map showing the subject property is attached.

Thank you for considering this request. We look forward to receiving your comments.

Sincerely,


Jennifer Washington, Chairman


Harold Chesnin

General Counsel to the Upper Skagit Indian Tribe

Encl.

**Upper Skagit Indian Tribe
Bow Hill Fee-to-Trust Application and Proposed Resort Expansion
Comment Request Letter – June 14, 2010**

Agencies to receive request for comment

Federal

National Oceanic and Atmospheric Administration / National Marine Fisheries Service
United States Department of the Army, Corps of Engineers, Seattle District
United States Environmental Protection Agency
United States Fish and Wildlife Service

State

Northwest Clean Air Agency
Washington Department of Archaeology and Historic Preservation
Washington Department of Ecology
Washington Department of Fish and Wildlife
Washington Department of Natural Resources
Washington Department of Transportation

County

Skagit County Commissioners
Skagit County Fire Marshall
Skagit County Planning and Development Services
Skagit County Public Works

Local and Other

City of Burlington
County Fire District No. 14 (Alger)
Samish Water District
Skagit PUD No. 1

UPPER SKAGIT INDIAN TRIBE SKAGIT RESORT EXPANSION

PROJECT DESCRIPTION

The proposed project involves the conversion of approximately 134.13 acres (the "Land") of fee land into trust land for non-gaming hospitality / economic development purposes. The Land proposed for conversion is located immediately adjacent to and contiguous with the Upper Skagit Tribe's Bow Hill Reservation trust parcel, which Reservation parcel was previously taken into trust and declared Reservation by the United States. All of the land in question is located in Skagit County, Washington. Specifically, the proposed trust conversion and Resort expansion area is located in the SE $\frac{1}{4}$ of Section 31 and the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 32, Township 36 North; and the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ and the N $\frac{1}{2}$ of the NE $\frac{1}{4}$ of Section 6, Township 35 North, all within Range 04 East of W.M.

The Tribe intends to use the Land, after conversion from fee to trust, for a hotel, indoor water park and conference space, all non-gaming, economic development activities that focus on the tourism and hospitality industry. Specifically, the Tribe intends to build, own and operate the hotel, indoor water park and meeting center including restaurant, spa, fitness center, gift shop, and lounge together with associated parking and other infrastructure on approximately 42 acres of the Land. See the attached Site Map.

Utilities

The Land is already served by public and private utilities. Domestic water is currently supplied to the existing Resort by the Skagit County Public Utility District No. 1. Adequate storage and transmission capacities are available to serve the proposed Resort expansion. Sanitary sewer service is provided by the Samish Water District and the City of Burlington. Adequate transmission and treatment and disposal capacities are currently available to serve the proposed Resort expansion. Stormwater runoff resulting from the proposal will be treated and detained on the site consistent with the Washington State Department of Ecology Stormwater Management Manual for Western Washington, 2005. Electrical power is currently available adjacent to the site and is provided by Puget Sound Energy.

Roads

Access to the Land is available from Interstate 5 at Exit 236, Bow Hill Road and Dark Lane. Based on the traffic impact analysis prepared by Transportation Solutions, Inc. the proposed Resort expansion will not cause any roads or intersections to operate below adopted Level of Service standards.

Wetlands

Approximately 4 acres of wetlands will be filled to allow construction of the proposed Resort expansion, including buildings, accessory structures, parking and drainage facilities. A wetland mitigation plan has been prepared by Aqua-Terr Systems, Inc. that demonstrates that mitigation for all wetland impacts will be provided on the subject site through wetland creation and enhancement and through permanent preservation of existing and enhanced wetland areas.

Threatened and Endangered Species

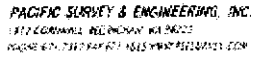
No species identified as threatened or endangered under the federal Endangered Species Act have been observed on the subject site. Based on the Biological Assessment prepared by Aqua-Terr Systems, Inc., the proposed Resort expansion project will have no effect on species listed as threatened, endangered or candidate species under federal or state ESA regulations.

Historic or Cultural Resources

No site listed as a known archaeological, historic or cultural site on state or federal registers has been identified as being located on the subject site. Based on the archaeological and cultural resource assessment prepared by Equinox Research and Consulting International, the proposed Resort expansion is not anticipated to have any adverse effect on archaeological, historic or cultural resources.

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284. 360-854-7000, FAX. 360-854-7004

25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284. 360-854-7000, FAX. 360-854-7004



BOW HILL RESORT EXPANSION

REPORTED: JUNE 10, 2010

SITE MAP

13.2 Appendix B. Species and Critical Habitats Lists

13.2.0 United States Fish and Wildlife Service-Endangered, Threatened, Proposed, and
Candidate Species, Critical Habitat, and Species of Concern in Western Washington.

**ENDANGERED, THREATENED, PROPOSED, AND CANDIDATE SPECIES, CRITICAL
HABITAT, AND SPECIES OF CONCERN IN WESTERN WASHINGTON¹**

COMMON NAME	SCIENTIFIC NAME	RECOVERY PRIORITY NUMBER
Endangered Animals		
Columbian white-tailed deer	<i>Odocoileus virginianus leucurus</i>	9c
Gray wolf	<i>Canis lupus</i>	3c
Leatherback sea turtle	<i>Dermochelys coriacea</i>	1
Short-tailed albatross	<i>Phoebastria albanus</i>	8
Endangered Plants		
Bradshaw's desert-parsley	<i>Lomatium bradshawii</i>	2
Marsh sandwort	<i>Arenaria paludicola</i>	5
Threatened Animals		
Bull trout (Coastal-Puget Sound and Columbia River DPS)	<i>Salvelinus confluentus</i>	9c
Canada lynx	<i>Lynx canadensis</i>	15
Green sea turtle	<i>Chelonia mydas</i>	1c
Grizzly bear	<i>Ursus arctos horribilis</i>	3c
Loggerhead sea turtle	<i>Caretta caretta</i>	7c
Marbled murrelet	<i>Brachyramphus marmoratus</i>	2
Northern spotted owl	<i>Strix occidentalis caurina</i>	6c
Olive ridley sea turtle	<i>Lepidochelys olivacea</i>	8c
Oregon silverspot butterfly	<i>Speyeria zerene hippolyta</i>	3c
Western snowy plover	<i>Charadrius alexandrinus nivosus</i>	3c
Threatened Plants		
Golden paintbrush	<i>Castilleja levisecta</i>	2
Kincaid's lupine	<i>Lupinus sulphureus</i> ssp. <i>Kincaidii</i>	9
Nelson's checker-mallow	<i>Sidalcea nelsoniana</i>	5
Water howellia	<i>Howellia aquatilis</i>	7
Designated Critical Habitat		
Marbled murrelet		
Northern spotted owl		
Western snowy plover, Pacific Coast Population		
Bull Trout		
Kincaid's lupine		
Proposed Species		
Dolly Varden (<i>Salvelinus malma</i>) similarity of appearance		
Proposed Critical Habitat		
Revised marbled murrelet critical habitat		

COMMON NAME	SCIENTIFIC NAME	LISTING PRIORITY NUMBER
Candidate² Animals		
Fisher (West Coast DPS)	<i>Martes pennanti</i>	6
Mardon skipper	<i>Polites mardon</i>	8
Mazama pocket gopher	<i>Thomomys mazama</i> (ssp. <i>couchi</i> , <i>douglasii</i> , <i>glacialis</i> , <i>loniei</i> , <i>melanops</i> , <i>pugetensis</i> , <i>tacomensis</i> , <i>tumuli</i> , <i>yelmensis</i>)	3
Oregon spotted frog	<i>Rana pretiosa</i>	2
Streaked horned lark	<i>Eremophila alpestris strigata</i>	3
Taylor's (Whulge or Edith's) checkerspot butterfly	<i>Euphydryas editha taylori</i>	3
Yellow-billed cuckoo	<i>Coccyzus americanus</i>	3
Candidate² Plants		
Northern wormwood	<i>Artemisia campestris</i> ssp. <i>borealis</i> var. <i>wormskioldii</i>	3
Animal Species of Concern³		
Aleutian Canada goose	<i>Branta canadensis leucopareia</i>	
Bald eagle	<i>Haliaeetus leucocephalus</i>	
Beller's ground beetle	<i>Agonum belleri</i>	
Brown pelican	<i>Pelecanus occidentalis</i>	
California bighorn sheep	<i>Ovis canadensis californiana</i>	
California floater (mussel)	<i>Anodonta californiensis</i>	
California wolverine	<i>Gulo gulo luteus</i>	
Cascades frog	<i>Rana cascadae</i>	
Cassin's auklet	<i>Ptychoramphus aleuticus</i>	
Coastal cutthroat trout	<i>Oncorhynchus clarki clarki</i>	
Columbia pebblesnail	<i>Fluminicola columbianus</i>	
Columbia torrent salamander	<i>Rhyacotriton kezeri</i>	
Destruction Island shrew	<i>Sorex nowbridgii destructioni</i>	
Fender's soliperlan stonefly	<i>Soliperla fenderi</i>	
Fringed myotis (bat)	<i>Myotis thysanodes</i>	
Hatch's click beetle	<i>Eanus hatchi</i>	
Island large marble butterfly	<i>Euchloe ausonides insularis</i>	
Larch Mountain salamander	<i>Plethodon larselli</i>	
Long-eared myotis	<i>Myotis evotis</i>	
Long-legged myotis	<i>Myotis volans</i>	
Makali's copper butterfly	<i>Lycena mariposa charlottensis</i>	
Margined sculpin	<i>Cottus marginatus</i>	
Newcomb's littorine snail	<i>Algamorda newcombiana</i>	
Northern goshawk	<i>Accipiter gentilis</i>	
Northern sea otter	<i>Enhydra lutris kenyoni</i>	
Northwestern pond turtle	<i>Emys</i> (= <i>Clemmys</i>) <i>marmorata marmorata</i>	
Olive-sided flycatcher	<i>Contopus cooperi</i>	
Olympic torrent salamander	<i>Rhyacotriton olympicus</i>	
Oregon vesper sparrow	<i>Pooecetes gramineus affinis</i>	

COMMON NAME	SCIENTIFIC NAME
Animal Species of Concern³	
(Cont'd)	
Pacific lamprey	<i>Lampetra tridentata</i>
Pacific Townsend's big-eared bat	<i>Corynorhinus townsendii townsendii</i>
Pale Townsend's big-eared bat	<i>Corynorhinus townsendii pallescens</i>
Peregrine falcon	<i>Falco peregrinus</i>
River lamprey	<i>Lampetra ayresi</i>
Small-footed myotis	<i>Myotis ciliolabrum</i>
Slender-billed white-breasted nuthatch	<i>Sitta carolinensis aculeata</i>
Tailed frog	<i>Ascaphus truei</i>
Tufted puffin	<i>Fratercula cirrhata</i>
Valley silverspot butterfly	<i>Speyeria zerene bremnerii</i>
Van Dyke's salamander	<i>Plethodon vandykei</i>
Western gray squirrel	<i>Sciurus griseus griseus</i>
Westslope cutthroat trout	<i>Oncorhynchus (=Salmo) clarki lewisi</i>
Western toad	<i>Bufo boreas</i>
Plant Species of Concern³	
Barrett's beardtongue	<i>Penstemon barrettiae</i>
Clackamas corydalis	<i>Corydalis aquae-gelidae</i>
Clustered lady's slipper	<i>Cypripedium fasciculatum</i>
Columbia yellow-cress	<i>Rorippa columbiae</i>
Cotton's milk-vetch	<i>Asragalus ausnalis</i> var. <i>olympicus</i>
Footsteps of spring, bear's foot sanicle	<i>Sanicula arctopoides</i>
Frigid shootingstar	<i>Dodecatheon austrofrigidum</i>
Gorge daisy	<i>Erigeron oreganus</i>
Howell's daisy	<i>Erigeron howellii</i>
Obscure paintbrush	<i>Castilleja cryptantha</i>
Oregon sullivantia	<i>Sullivantia oregana</i>
Pale blue-eyed grass	<i>Sisyrinchium sarmentosum</i>
Pale larkspur	<i>Delphinium leucophaeum</i>
Pink sandverbena	<i>Abronia umbellata</i> ssp. <i>acutalata</i>
Queen of the forest	<i>Filipendula occidentalis</i>
Rose checker-mallow	<i>Sidalcea malviflora</i> ssp. <i>virgata</i>
Seely's silene	<i>Silene seelyi</i>
Stalked moonwort	<i>Borychium pedunculatum</i>
Tall bugbane	<i>Cimicifuga elata</i>
Torrey's peavine	<i>Lathyrus torreyi</i>
Triangular-lobed moonwort	<i>Borychium ascendens</i>
Whitebark pine	<i>Pinus albicaulis</i>
White meconella	<i>Meconella oregana</i>
White-top aster	<i>Sericocarpus rigidus</i>

¹Hyperlinks are provided for species specific information available from the U.S. Fish and Wildlife Service's Environmental Conservation Online System. Recovery plans, listing actions, and critical habitat information are available at these hyperlinks.

²Candidate species are those species for which FWS has sufficient information to propose for listing. Hyperlinks are provided where available for electronic candidate forms or *Federal Register* notice of petition finding.

³Species of concern are those species whose conservation status is of concern to FWS, but more information is needed.

NOAA Fisheries threatened and endangered species list:
http://www.nmfs.noaa.gov/prot_res/species/ESA_species.html

Information for eastern Washington species can be found on the Upper Columbia Fish and Wildlife Office web page and for all listed species on the U.S. Fish and Wildlife Service Endangered Species Home Page.

13.2.1 United States Fish and Wildlife Service-Listed and Proposed Endangered and Threatened Species and Critical Habitat; Candidate Species; and Species of Concern in Skagit County.

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CRITICAL HABITAT;
CANDIDATE SPECIES; AND SPECIES OF CONCERN
IN SKAGIT COUNTY

AS PREPARED BY
THE U.S. FISH AND WILDLIFE SERVICE
WESTERN WASHINGTON FISH AND WILDLIFE OFFICE

(Revised November 1, 2007)

LISTED

Bull trout (*Salvelinus confluentus*)

Canada lynx (*Lynx canadensis*)

Gray wolf (*Canis lupus*)

Grizzly bear (*Ursus arctos* = *U. a. horribilis*)

Marbled murrelet (*Brachyramphus marmoratus*)

Northern spotted owl (*Strix occidentalis caurina*)

Major concerns that should be addressed in your Biological Assessment of project impacts to listed species include:

1. Level of use of the project area by listed species.
2. Effect of the project on listed species' primary food stocks, prey species, and foraging areas in all areas influenced by the project.
3. Impacts from project activities and implementation (e.g., increased noise levels, increased human activity and/or access, loss or degradation of habitat) that may result in disturbance to listed species and/or their avoidance of the project area.

DESIGNATED

Critical habitat for bull trout

Critical habitat for the marbled murrelet

Critical habitat for the northern spotted owl

PROPOSED

Dolly Varden (*Salvelinus malma*) due to similarity of appearance

CANDIDATE

Oregon spotted frog (*Rana pretiosa*)

SPECIES OF CONCERN

Bald eagle (*Haliaeetus leucocephalus*)

California wolverine (*Gulo gulo luteus*)

Cascades frog (*Rana cascadae*)

Long-eared myotis (*Myotis evotis*)

Long-legged myotis (*Myotis volans*)

Northern goshawk (*Accipiter gentilis*)

Olive-sided flycatcher (*Contopus cooperi*)

Pacific lamprey (*Lampetra tridentata*)

Pacific Townsend's big-eared bat (*Corynorhinus townsendii townsendii*)

Peregrine falcon (*Falco peregrinus*)

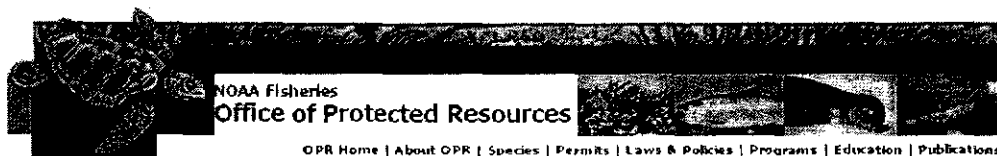
River lamprey (*Lampetra ayresii*)

Tailed frog (*Ascaphus truei*)

Western toad (*Bufo boreas*)

Meconella oregana (white meconella)

13.2.2 National Oceanic and Atmospheric Administration - Marine/Anadromous Fish Species
Under the Endangered Species Act.



Species

- Marine Mammals
 - Cetaceans
 - Pinnipeds
- Marine Turtles
- Marine & Anadromous Fish
- Marine Invertebrates & Plants
- Species of Concern
- Threatened & Endangered Species
 - Critical Habitat Maps

Contact OPR
Glossary
OPR Site Map

Marine/Anadromous Fish Species Under the Endangered Species Act (ESA)

List of Fish Species under NMFS' Jurisdiction

(E = "endangered"; T = "threatened"; F = "federal"; n/a = not applicable)

Marine and Anadromous Fish (34 listed "species")

Species	Year Listed	Status	Critical Habitat ¹	Recovery Plan ²
■ <u>Anadromous salmon</u> (1 listed DPS) (<i>Salmo salar</i>)				
○ Gulf of Maine	2009 ³ "expanded"	E	<u>final</u>	<u>final</u>
original listing - 2000				
■ <u>Chinook salmon</u> (9 listed ESUs) (<i>Oncorhynchus tshawytscha</i>)				
○ <u>Snake River</u>	1999 ⁴	T	<u>final</u>	<u>in process</u>
○ <u>Central Valley</u> <u>Steelhead</u>	1999 ⁵	T	<u>final</u>	<u>draft</u>
○ <u>Lower Columbia</u>	1999	T	<u>final</u>	<u>in process</u>
○ <u>Upper Columbia</u> (2 a) <u>Steelhead</u>	1999 ⁶	E	<u>final</u>	<u>final</u>
○ <u>Port/Willamette</u>	1999 ⁷	T	<u>final</u>	<u>final</u>
○ <u>Sacramento-Sutter</u> <u>Wentworth</u>	1994 ⁸	E	<u>final</u>	<u>draft</u>
○ <u>Lower Willamette</u>	1992 ⁹	T	<u>final</u>	<u>in process</u>
○ <u>Snake River</u> (2) <u>Steelhead</u>	1992 ¹⁰	T	<u>final</u>	<u>in process</u>
○ <u>Upper Willamette River</u>	1999	T	<u>final</u>	<u>in process</u>

■ chum salmon (2 listed ESUs)
(*Oncorhynchus keta*)

○ <u>Columbia River</u>	1999 ¹¹	T	<u>final</u>	<u>in process</u>
○ <u>Hood Canal summer-run</u>	1999 ¹¹	T	<u>final</u>	<u>final</u>

■ coho salmon (4 listed ESUs)
(*Oncorhynchus kisutch*)

○ <u>Central California coast</u>	2005 ¹¹	E	<u>final</u>	<u>in process</u>
○ <u>original listing</u>	1996 ¹¹	T		
○ <u>Lower Columbia River</u>	2005 ¹¹	T	not yet proposed	<u>in process</u>
○ <u>Oregon coast</u>	2008	T	<u>final</u>	
○ <u>Southern Oregon & Northern California coast</u>	1997 ¹¹	T	<u>final</u>	<u>in process</u>

■ green sturgeon (1 listed DPS)
(*Acipenser medirostris*)

○ <u>southern DPS</u>	2006	T	<u>final</u>	no
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■ Gulf sturgeon
(*Acipenser oxyrinchus desotoi*)

1991	T	<u>final</u>	<u>final</u>
------	---	--------------	--------------

■ shortnose sturgeon
(*Acipenser brevirostrum*)

1967	E	n/a	<u>final</u>
------	---	-----	--------------

■ sockeye salmon (2 listed ESUs)
(*Oncorhynchus nerka*)

○ <u>Crocker Lake</u>	1999 ¹¹	T	<u>final</u>	<u>in process</u>
○ <u>Snake River</u>	1991	E	<u>final</u>	<u>in process</u>

■ smallmouth bass (1 listed DPS)
(*Micropterus dolomieu*)

○ <u>U.S. portion of range</u>	2003	E	<u>final</u>	<u>final</u>
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■ steelhead trout (11 listed DPSs)
(*Oncorhynchus mykiss*)

○ <u>Puget Sound</u>	2007	T	under development	no
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○ Central California coast	1997**	T	final	in process
○ Snake River Basin	1997**	T	final	in process
○ Upper Columbia River	1997**	E	final	final
○ Southern California	1997**	E	final	draft
○ Middle Columbia River	1999**	T	final	final
○ Lower Columbia River	1998**	T	final	in process
○ Upper Willamette River	1999**	T	final	in process
○ Northern California	2000**	T	final	in process
○ South-Central California Coast	1997**	T	final	in process
○ California Central Valley	1998**	T	final	draft
■ totoaba (Totoaba macdonaldi)	1979	E (F)	n/a	n/a

* **NOTE:** Critical habitat and recovery plans are not required for foreign species; critical habitat is also not required for species listed prior to the 1978 ESA amendments that added critical habitat provisions.

** All Pacific salmonid listings were revisited in 2005 and 2006. Only the salmonids whose status changed as a result of the review will show the revised date; for all others, only the original listing date is shown. For more information on the listing history, please click on the link for each ESU/OPS.

Endangered and Threatened Marine Species

- [Overview / How Does the ESA Define "Species"?](#)
- [Marine Mammals](#)
- [Marine Turtles](#)
- [Marine & Anadromous Fish](#)
- [Marine Invertebrates & Plants](#)
- [Chondrichthyan Species](#)
- [Marine Species Scheduled for Listing](#)
- [Endangered Marine Species](#)
- [Printer-Friendly Species List \(pdf\)](#)



APPENDIX E
RECORD OF SURVEY

UPPER SKAGIT INDIAN TRIBE
25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

RECORD OF SURVEY

ALTA/ACSM LAND TITLE SURVEY

SITUATE IN A PORTION OF THE SE 1/4 OF SECTION 31 & SW 1/4 OF SECTION 32,
TOWNSHIP 36 NORTH, AND GOVT LOTS 1, 2 & 3 OF SECTION 6, TOWNSHIP 35 NORTH,
RANGE 4 EAST, WILLAMETTE MERIDIAN, SKAGIT COUNTY, WASHINGTON

201006300037
Skagit County Auditor
8/30/2010 Page 1 of 7 10:22AM

PARCEL DESCRIPTIONS

(PER LAND TITLE COMPANY OF SKAGIT COUNTY ORDER NOS. 115163-S, 115164-P, 115165-S, 115166-P, 135468-S) (EFFECTIVE DATE: DECEMBER 31, 2009)

PARCEL P123324

THAT PORTION OF GOVERNMENT LOTS 1 AND 2, IN SECTION 6, TOWNSHIP 35 NORTH, RANGE 4 EAST, W.M., LYING NORTHERLY OF THE RIGHT OF WAY FOR THE BOW HILL COUNTY ROAD, AS SAID ROAD EXISTED ON APRIL 16, 1968;

EXCEPT THAT PORTION THEREOF LYING SOUTHERLY OF THE OLD BOW HILL COUNTY ROAD, AS SAID ROAD EXISTED ON JANUARY 18, 1963.

TOGETHER WITH THAT PORTION OF DARRK LANE (OLD BOW HILL, WARNER ROAD, COUNTY ROAD NO. 50010) AS VACATED PURSUANT TO SKAGIT COUNTY RESOLUTION R20070481 AND FINAL ORDER RECORDED NOVEMBER 9, 2007, UNDER AUDITOR'S FILE NO. 200711090143, A RE-RECORDING OF DOCUMENT RECORDED UNDER AUDITOR'S FILE NO. 200710090107, RECORDS OF SKAGIT COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF SKAGIT, STATE OF WASHINGTON.

PARCEL P50416

PARCEL "A":

THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 31, TOWNSHIP 36 NORTH, RANGE 4 EAST, W.M.

SITUATE IN THE COUNTY OF SKAGIT, STATE OF WASHINGTON.

PARCEL "B":

A NON-EXCLUSIVE EASEMENT FOR ROAD AND UTILITIES AS CONTAINED IN INSTRUMENT FROM NIELSEN BROTHERS INC. TO RICHMOND JPV ENTERPRISES, INC., RECORDED JANUARY 4, 2002, UNDER AUDITOR'S FILE NO. 200201040067, RECORDS OF SKAGIT COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF SKAGIT, STATE OF WASHINGTON.

PARCEL P35839

THAT PORTION OF GOVERNMENT LOTS 2 AND 3 IN SECTION 6, TOWNSHIP 35 NORTH, RANGE 4 EAST, W.M., LYING SOUTHERLY OF THE OLD BOW HILL COUNTY ROAD, (AS LOCATED AND ESTABLISHED PRIOR TO JANUARY 18, 1963), NORTHERLY OF THE COUNTY ROAD AS CONVEYED TO SKAGIT COUNTY BY DEED DATED JANUARY 18, 1963, RECORDED JANUARY 18, 1963, AS AUDITOR'S FILE NO. 631052 AND EASTERLY OF P.S.H. #1, EXCEPT THAT PORTION, IF ANY, LYING WITHIN THE BOUNDARIES OF THE FOLLOWING DESCRIBED TRACT:

BEGINNING AT THE NORTHWEST CORNER OF SAID GOVERNMENT LOT 2; THENCE SOUTH 2°35'28" WEST ALONG THE WEST LINE THEREOF A DISTANCE OF 1066.36 FEET; THENCE SOUTH 87°24'32" EAST A DISTANCE OF 542.13 FEET TO A 3/4 INCH IRON PIPE AND THE TRUE POINT OF BEGINNING; THENCE NORTH 35°31'45" WEST A DISTANCE OF 123.81 FEET TO A 3/4 INCH IRON PIPE; THENCE NORTH 11°01'45" EAST A DISTANCE OF 68 FEET, MORE OR LESS, TO THE SOUTH LINE OF THE COUNTY ROAD (BOW HILL ROAD); THENCE EASTERLY ALONG THE SOUTH LINE OF SAID COUNTY ROAD A DISTANCE OF 220 FEET, MORE OR LESS, TO A POINT BEARING NORTH 48°04'10" EAST FROM THE TRUE POINT OF BEGINNING; THENCE SOUTH 48°04'10" WEST A DISTANCE OF 213 FEET, MORE OR LESS, TO THE TRUE POINT OF BEGINNING; EXCEPT COUNTY ROAD AND RIGHT OF WAY THEREFORE, IF ANY.

TOGETHER WITH THAT PORTION OF DARRK LANE (OLD BOW HILL, WARNER ROAD, COUNTY ROAD NO. 50010) AS VACATED PURSUANT TO SKAGIT COUNTY RESOLUTION R20070481 AND FINAL ORDER RECORDED NOVEMBER 9, 2007, UNDER AUDITOR'S FILE NO. 200711090143, A RE-RECORDING OF DOCUMENT RECORDED UNDER AUDITOR'S FILE NO. 200710090107, RECORDS OF SKAGIT COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF SKAGIT, STATE OF WASHINGTON.

PARCEL P50414 & P50500

THE NORTH 1/4 OF THE SOUTHEAST 1/4 OF SECTION 31, AND THAT PORTION OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 32 LYING WEST OF THE STATE HIGHWAY, ALL IN TOWNSHIP 36 NORTH, RANGE 4 EAST, W.M., EXCEPT THAT PORTION, IF ANY, CONVEYED TO THE STATE OF WASHINGTON, DEPARTMENT OF FISHERIES, INCLUDING THAT CONVEYED BY DEED DATED FEBRUARY 2, 1940, FILED FEBRUARY 15, 1940 AS FILE NO. 321913 AND RECORDED IN VOLUME 180 OF DEEDS AT PAGE 30, AND EXCEPT THAT PORTION DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE WEST LINE OF HIGHWAY 99 AND THE SOUTH LINE OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SAID SECTION 32; THENCE WEST ALONG SAID SOUTH LINE AND THE SOUTH LINE OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 31 TO THE SOUTHWEST CORNER OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 31 TO THE SOUTHWEST CORNER OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 31; THENCE NORTH ALONG THE WEST LINE OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 31 TO THE SOUTH LINE OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 31; THENCE EAST PARALLEL TO THE SOUTH LINE OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 31 TO THE WEST LINE OF SAID HIGHWAY 99; THENCE SOUTHERLY ALONG SAID HIGHWAY TO THE POINT OF BEGINNING.

SITUATE IN THE COUNTY OF SKAGIT, STATE OF WASHINGTON.

AUDITOR'S CERTIFICATE

Filed for record this 30 day of June 2010 at
in book of surveys at page at the request of
PACIFIC SURVEYING AND ENGINEERING SERVICES INC.

J. Youngquist by: [Signature]
County Auditor

PARCEL P119078 - PARCEL "C" OF PARCEL P50416

ALL THAT PORTION OF LOT 1 AS SHOWN ON "RIVER VALLEY VIEW ESTATES," AS PER PLAT RECORDED ON MAY 7, 2001 UNDER AUDITOR'S FILE NO. 200105070102, RECORDS OF SKAGIT COUNTY, WASHINGTON, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 1;
THENCE NORTH 01°35'01" EAST, ALONG THE WEST LINE OF SAID LOT 1, A DISTANCE OF 448.00 FEET;
THENCE SOUTH 57°45'27" EAST, A DISTANCE OF 36.70 FEET;
THENCE SOUTH 20°34'51" EAST, A DISTANCE OF 36.70 FEET;
THENCE SOUTH 02°00'00" EAST, A DISTANCE OF 345.00 FEET;
THENCE SOUTH 29°58'32" EAST, A DISTANCE OF 63.00 FEET TO THE SOUTH LINE, A DISTANCE OF 100.00 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH AND SUBJECT TO A 12.00 FOOT WIDE EASEMENT FOR INGRESS, EGRESS OVER A PORTION OF LOT 1, "RIVER VALLEY VIEW ESTATES," AS PER PLAT RECORDED ON MAY 7, 2001 UNDER AUDITOR'S FILE NO. 200105070102, RECORDS OF SKAGIT COUNTY, WASHINGTON, SAID EASEMENT BEING 6.00 FEET ON EACH SIDE, MEASURED AT RIGHT ANGLES, FROM THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 1;
THENCE NORTH 01°35'01" EAST, ALONG THE WEST LINE OF SAID LOT 1, A DISTANCE OF 448.00 FEET TO THE TRUE POINT OF BEGINNING;
THENCE SOUTH 57°45'27" EAST, A DISTANCE OF 36.70 FEET;
THENCE SOUTH 20°34'51" EAST, A DISTANCE OF 36.70 FEET;
THENCE SOUTH 02°00'00" EAST, A DISTANCE OF 345.00 FEET TO THE TERMINUS.

THE SIDELINES OF THE ABOVE DESCRIBED EASEMENT SHALL BE LENGTHENED AND FORESHORTENED TO TERMINATE AT THE WEST LINE OF SAID LOT 1.

SITUATE IN THE COUNTY OF SKAGIT, STATE OF WASHINGTON.

EXCEPTIONS

(PER LAND TITLE COMPANY OF SKAGIT COUNTY ORDER NOS. 115163-S, 115164-P, 115165-S, 115166-P, 135468-S) (EFFECTIVE DATE: DECEMBER 31, 2009)

AF#200105070102, PLAT OF RIVER VALLEY VIEW ESTATES
AF#200201040067, ACCESS EASEMENT CONTAINED IN DEED
AF#199907300085 & 199907300086, MOBILE HOME DEEDS
AF#872242, PSE UTILITY EASEMENT
AF#8708240061, PUGET SOUND ENERGY UTILITY EASEMENT
AF#9907160034, NON-FORESTRY LAND USE CONDITIONS
AF#200105070103, PLAT OF RIVER VALLEY VIEW ESTATES CCR'S
AF#8804190045, PUGET SOUND ENERGY UTILITY EASEMENT
AF#200106210005, AMENDMENT TO CCR'S
AF#200207190135, AMENDMENT TO PROTECTIVE COVENANTS
AF#200308210041, RECORD OF SURVEY
AF#199912230089, DEED OF TRUST
AF#200401130019, DEED OF TRUST MODIFICATION
AF#200008250066, SECURITY INTEREST
AF#9410310110, RECORD OF SURVEY
AF#9710170041, NON-FORESTRY LAND USE CONDITIONS
AF#9712180034, NON-FORESTRY LAND USE CONDITIONS
AF#199912200003, NON-FORESTRY LAND USE CONDITIONS
AF#9008110023, ROADWAY EASEMENT
AF#200508020064, RECORD OF SURVEY
R20070481, SKAGIT COUNTY VACATION RESOLUTION
AF#200711090143, VACATION AGREEMENT
AF#200707120046, ROADWAY EASEMENT
AF#200703210123, WETLAND MITIGATION EASEMENT

LAND TITLE & ESCROW COMPANY OF SKAGIT COUNTY & STEWART TITLE GUARANTY COMPANY OF SKAGIT COUNTY

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS IN 2005, AND INCLUDES ITEM NUMBER 1, 4, 8, 10 & 11 OF TABLE A, THEREOF, PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA AND NSPS AND IN EFFECT ON THE DATE OF THIS CERTIFICATION. UNDERSIGNED FURTHER CERTIFIES THAT IN MY PROFESSIONAL OPINION, AS A LAND SURVEYOR REGISTERED IN THE STATE OF WASHINGTON, THE RELATIVE POSITIONAL ACCURACY OF THIS SURVEY DOES NOT EXCEED THAT WHICH IS SPECIFIED THEREIN.

DATE: 6-30-10
[Signature]
PETER K. BRANDS, PLS#35147



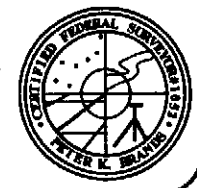
PACIFIC SURVEYING & ENGINEERING
1812 CORNWALL AVE, BELLINGHAM, WA 98225
360.671.7387, FAX: 360.671.4685
www.psesurvey.com

SURVEY NOTES

- 1) DATA FOR THIS SURVEY WAS GATHERED BY FIELD TRAVERSE UTILIZING ELECTRONIC DATA COLLECTION.
- 2) EQUIPMENT USED: THEONAT 0001.5" EDM: ± 2 PPM, ± 3 MM
- 3) SOLAR OBSERVATION: THREE INDEPENDENT DIRECT AND REVERSE SETS OF SOLAR OBSERVATIONS WERE MEASURED AT THE SOUTHEAST CORNER OF SECTION 31, THE DATA REDUCED BY HOUR ANGLE METHOD. THE SOLAR BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 31 IS NORTH 0°42'54" EAST. THE NAD83/91 GEODETIC BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER SECTION 31 IS NORTH 1°30'00" EAST. THE DIFFERENCE BETWEEN SOLAR BEARINGS AND GEODETIC BEARINGS IS -1°07'06".
- 4) PURPOSE OF SURVEY: TO PERFORM BOUNDARY AND ALTA/ACSM LAND TITLE SURVEYS OF THE SUBJECT PARCELS, INCLUDING ITEM NUMBER 1, 4, 8, 10 & 11 OF THE 2005 ALTA/ACSM TABLE A CHECKLIST. (AN UPDATE OF 2005 SURVEY, RECORDED UNDER SKAGIT COUNTY AUDITOR'S FILE NO. 200508020064)
- 5) THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF LAND TITLE COMPANY OF SKAGIT COUNTY ORDER NOS. 115163-S, 115464-P, 115165-S, 115166-P & 135468-S. PACIFIC SURVEYING & ENGINEERING, INC. ASSUMES NO LIABILITY FOR ANY EASEMENT, COVENANT, RESTRICTION OR EXCEPTION NOT CONTAINED THEREIN OR SHOWN HEREON.
- 6) PACIFIC SURVEYING AND ENGINEERING INC., ASSUMES NO LIABILITY FOR ANY SUBSURFACE CONDITIONS OR FEATURES THAT MAY EXIST THAT ARE UNDETECTABLE AND/OR NOT VISIBLE. (UNDERGROUND UTILITY LOCATES WERE NOT PERFORMED FOR THIS SURVEY)
- 7) OCCUPATIONAL INDICATOR NOTE: IN ACCORDANCE WITH THE REVISED CODE OF WASHINGTON: 58.09 AND WASHINGTON AUTHORITY CODE CHAPTER 332-130, THIS RECORD OF SURVEY DEPICTS OCCUPATIONAL INDICATORS, SUCH AS FENCES. THESE INDICATORS REPRESENT A POTENTIAL FOR CLAIMS OF UNWRITTEN TITLE. THIS SURVEY DOES NOT RESOLVE ANY OF THE LEGAL OWNERSHIP ISSUES THAT MAY ARISE FROM THESE UNWRITTEN USES OR TITLE CLAIMS.

PARCEL NOTES

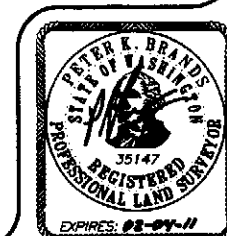
- 1) THE SURVEY CORRECTLY SHOWS THE LOCATION OF ALL BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS SITUATED ON THE PREMISES.
- 2) ALL UTILITIES SERVING THE PREMISES ENTER THROUGH ADJOINING PUBLIC STREETS AND/OR EASEMENTS OF RECORD; THAT EXCEPT AS SHOWN, THERE ARE NO VISIBLE EASEMENTS OR RIGHTS OF WAY ACROSS SAID PREMISES; THAT THE PROPERTY DESCRIBED HEREON IS THE SAME AS THE PROPERTY DESCRIBED IN LAND TITLE COMPANY ORDER NOS. 115163-S, 115164-P, 115165-S & 115166-P, AND 135468-S DATED DECEMBER 31, 2009, AT 8:00 A.M. AND THAT ALL EASEMENTS, COVENANTS AND RESTRICTIONS REFERENCED IN SAID TITLE COMMITMENTS, OR EASEMENTS WHICH THE UNDERSIGNED HAS BEEN ADVISED OR HAS KNOWLEDGE, HAVE BEEN PLOTTED HEREON IF OTHERWISE NOTED AS TO THEIR EFFECT ON THE SUBJECT PROPERTY.
- 3) THERE ARE NO VISIBLE ENCROACHMENTS ONTO THE ADJOINING PREMISES, STREETS OR ALLEYS BY ANY BUILDINGS, STRUCTURES, OR OTHER IMPROVEMENTS, AND NO ENCROACHMENTS ONTO SAID PREMISES BY BUILDINGS, STRUCTURES OR OTHER IMPROVEMENTS, SITUATED ON ADJOINING PREMISES; EXCEPT AS SHOWN HEREON.
- 4) THE SUBJECT PARCELS HAVE DIRECT PHYSICAL ACCESS TO BOW HILL RD. AND OLD HIGHWAY 99, BEING PUBLIC ROADS. ACCESS POINTS AS SHOWN HEREON.
- 5) ZONING DESIGNATION: "RURAL RESERVE" PER SKAGIT COUNTY COMPREHENSIVE PLAN
- 6) AREA OF SUBJECT PARCELS:
P50414 & P50500 = 61.965 ACRES
P50416 = 41.521 ACRES
P123324 = 21.107 ACRES
P35839 = 8.811 ACRES
P119078 = 0.581 ACRES
- 7) PARCELS P123324, P35839, P50414, P50500, P50416 & P119078 DO NOT CONTAIN ANY DIFFERENCES BETWEEN THE RECORD LEGAL DESCRIPTION AND THE ACTUAL MEASUREMENT ON SAID PARCELS. SAID PARCELS DO NOT CONTAIN ANY GAPS, GORES OR OVERLAPS.

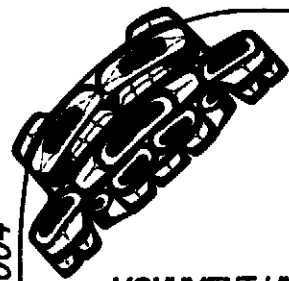


SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Survey Recording Act at the request of UPPER SKAGIT INDIAN TRIBE IN JANUARY 2010.

Certificate No.: 35147





MONUMENT HISTORY

NOTE 1: CENTER - EAST ONE SIXTEENTH CORNER - SECTION 31

JUNE 30, 1993, A.F. NO. 9306300080, (CALCULATED POSITION).

MAY 7, 2001, A.F. NO. 200105070102, (CALCULATED POSITION).

AUGUST 21, 2003, A.F. NO. 200308210041, (CALCULATED POSITION).

AUGUST 2, 2005, A.F. NO. 200508020064, SET #4 REBAR AND CAP, PLS #40525.

JANUARY 2010, PSE FOUND AND ACCEPTED A #4 REBAR AND CAP, PLS #40525, FLUSH WITH GROUND; REPLACED WITH #3 REBAR AND 2" DIAMETER ALUMINUM CAP APPROPRIATELY MARKED AND STAMPED "UPPER SKAGIT INDIAN TRIBE PSE 2010 PLS 35147" WITH DRILL HOLE, FLUSH WITH GROUND.

NOTE 2: CENTER QUARTER CORNER - SECTION 31

NOVEMBER 21, 1979, A.F. NO. 7911210040, (CALCULATED POSITION).

JULY 7, 1980, A.F. NO. 8007070006, (CALCULATED POSITION).

MAY 8, 1992, A.F. NO. 9205080001, (CALCULATED POSITION).

MARCH 22, 1993, A.F. NO. 9303220004, CENTER OF SECTION 31 AS DETERMINED DURING SURVEY FILED VOLUME 4 OF SHORT PLATS AT PAGES 131 & 132. SET 1/2" X 18" REINFORCING ROD WITH YELLOW PLASTIC CAP MARKED "SKA SURV 17651" AND WHITE 2" X 2" WITNESS STAKE.

JUNE 30, 1993, A.F. NO. 9306300080, (CALCULATED POSITION).

MAY 7, 2001, A.F. NO. 200105070102, CALC. PER R.O.S. 9205080001.

AUGUST 21, 2003, A.F. NO. 200308210041, (CALCULATED POSITION).

AUGUST 2, 2005, A.F. NO. 200508020064, (CALCULATED POSITION) REF. R.O.S. A.F. 9303220004, 8007070006, 7911210040.

JANUARY 2010, PSE FOUND AND ACCEPTED A #4 REBAR AND CAP, PLS #17651, 1.0' BELOW GROUND; REPLACED WITH #3 REBAR AND 2" DIAMETER ALUMINUM CAP APPROPRIATELY MARKED AND STAMPED "UPPER SKAGIT INDIAN TRIBE PSE 2010 PLS 35147" WITH DRILL HOLE, FLUSH WITH GROUND.

NOTE 3: CENTER - SOUTH ONE SIXTEENTH CORNER - SECTION 31

NOVEMBER 21, 1979, A.F. NO. 7911210040, IRON ROD SET BY G.D. LEGRO AS SHOWN ON SURVEY DATED MAY, 1978.

MARCH 22, 1993, A.F. NO. 9303220004, FOUND REINFORCING ROD AND YELLOW PLASTIC CAP LS 7598.

JUNE 30, 1993, A.F. NO. 9306300080, (CALCULATED POSITION).

MAY 7, 2001, A.F. NO. 200105070102, (CALCULATED POSITION).

AUGUST 21, 2003, A.F. NO. 200308210041, (CALCULATED POSITION).

AUGUST 2, 2005, A.F. NO. 200508020064, EXISTING #5 REBAR AND CAP, PLS #7598, REF. R.O.S. A.F. 200308210041, 9303220004, 7911210040.

JANUARY 2010, PSE FOUND AND ACCEPTED A #5 REBAR AND CAP, PLS #7598; REPLACED WITH #5 REBAR AND 2" DIAMETER ALUMINUM CAP APPROPRIATELY MARKED AND STAMPED "UPPER SKAGIT INDIAN TRIBE PSE 2010 PLS 35147" WITH DRILL HOLE, 0.1' ABOVE GROUND.

NOTE 4: EAST ONE SIXTEENTH CORNER - SECTION 31 & SECTION 8

JUNE 30, 1993, A.F. NO. 9306300080, (CALCULATED POSITION).

MAY 7, 2001, A.F. NO. 200105070102, SET CONCRETE MONUMENT.

AUGUST 21, 2003, A.F. NO. 200308210041, EXISTING #3 REBAR AND CAP, PLS #7598 S88°W, 0.4' FROM ACCEPTED IRON PIPE.

AUGUST 2, 2005, A.F. NO. 200508020064, EXISTING 2" IRON PIPE, NO CAP, REF. R.O.S. A.F. 200105070102.

AUGUST 12, 2005, A.F. NO. 200508120104, (CALCULATED POSITION).

JANUARY 2010, PSE FOUND AND ACCEPTED A 2" IRON PIPE, NO CAP, FLUSH WITH GROUND; PLACED A 2" DIAMETER ALUMINUM CAP APPROPRIATELY MARKED AND STAMPED "UPPER SKAGIT INDIAN TRIBE PSE 2010 PLS 35147" WITH DRILL HOLE, INSIDE PIPE, FLUSH WITH GROUND.



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www.psesurvey.com

RECORD OF SURVEY

ALTA/ACSM LAND TITLE SURVEY

SITUATE IN A PORTION OF THE SE 1/4 OF SECTION 31 & SW 1/4 OF SECTION 32,
TOWNSHIP 36 NORTH, AND GOVT LOTS 1, 2 & 3 OF SECTION 6, TOWNSHIP 35 NORTH,
RANGE 4 EAST, WILLAMETTE MERIDIAN, SKAGIT COUNTY, WASHINGTON

NOTE 5: QUARTER CORNER - SECTIONS 31 & 32

FEBRUARY 9, 1874, U. S. DEPUTY SURVEYOR JOSEPH M. SNOW UNDER CONTRACT NUMBER 185, SET A 4 INCH BY 4 FOOT POST FOR SECTION CORNER, APPROVED MAY 1, 1874.

AUGUST 30, 1974, A.F. NO. 805590, FOUND 1-1/4 IRON PIPE.

OCTOBER 11, 1974, A.F. NO. 808737, FOUND 1-1/4 IRON PIPE.

JULY 7, 1980, A.F. NO. 8007070006, FOUND 2" IRON PIPE, PLUG, AND TACK.

JULY 7, 1981, A.F. NO. 8107070003, FOUND 1-1/4 IRON PIPE.

MAY 8, 1992, A.F. NO. 9205080001, FOUND 2" OUTSIDE DIAMETER IRON PIPE WITH WOOD PLUG AND TACK.

JULY 17, 1992, A.F. NO. 9207170212, FOUND 2" IRON PIPE 12/4/79.

JUNE 30, 1993, A.F. NO. 9306300080, FOUND 2" IRON PIPE WITH WOOD PLUG AND TACK AT THE NORTH END OF HATCHERY, WEST OF FRIDAY CREEK, EAST OF HIGHWAY 99, 12/4/79.

MARCH 21, 1996, UNRECORDED SKAGIT COUNTY ENGINEER DRAWING "BOW HILL ROAD IMPROVEMENT PROJECT - DAAK LANE TO OLD 99 NORTH," JAN. 04, 1995 FOUND 1-1/4 IRON PIPE.

MAY 7, 2001, A.F. NO. 200105070102, FOUND 1-1/4" IRON PIPE AND PLUG JAN. 1996.

AUGUST 21, 2003, A.F. NO. 200308210041, 2" IRON PIPE WITH WOOD PLUG AND TACK PER R.O.S. A.F. NO. 9205080001.

AUGUST 2, 2005, A.F. NO. 200508020064, 2" IRON PIPE WITH WOOD PLUG AND TACK, REF. R.O.S. A.F. 200308210041, 200105070102, 9306300080, 8007070006.

MAY 12, 2005, A.F. NO. 200512050040, FOUND 1-1/2" IRON PIPE WITH WOOD PLUG AND TACK, APRIL 6, 1992.

FEBRUARY 21, 2008, A.F. NO. 200802210088, FOUND 1-1/2" IRON PIPE WITH WOOD PLUG AND TACK, APRIL 6, 1992.

JANUARY 2010, PSE FOUND A 2" IRON PIPE WITH WOOD PLUG AND TACK, 0.2' ABOVE GROUND. THIS MONUMENT PERPETUATES THE CORNER POSITION, ACCEPTED AS QUARTER CORNER.

NOTE 6: QUARTER CORNER - SECTIONS 32 & 33

FEBRUARY 4, 1874, U. S. DEPUTY SURVEYOR JOSEPH M. SNOW UNDER CONTRACT NUMBER 185, SET A 3-1/2 BY 4 FOOT POST FOR SECTION CORNER, APPROVED MAY 1, 1874.

MAY 1911, UNRECORDED SURVEY BY W.E. COSTELLO, COUNTY ENGINEER, 4' GAS PIPE GOVINT BITS.

AUGUST 30, 1974, A.F. NO. 805590, ESTABLISHED BY SINGLE PROPORTION.

OCTOBER 11, 1974, A.F. NO. 808737, SEE RECORD OF SURVEY FILED IN BOOK 1, PAGE 82.

AUGUST 22, 1980, A.F. NO. 800822026, FOUND CONCRETE MONUMENT WITH BRASS CAP IN EAST-WEST FENCE LINE.

JULY 7, 1981, A.F. NO. 8107070003, FOUND CONCRETE MONUMENT WITH BRASS CAP.

JULY 31, 1985, A.F. NO. 8507310018, AS SHOWN ON HIDDEN MEADOWS SHORT PLAT.

DECEMBER 16, 2003, A.F. NO. 200312160116, SET 5/8" REBAR WITH CAP LS 28023, 4/1997.

DECEMBER 5, 2005, A.F. NO. 200512050040, FOUND CONCRETE MONUMENT DESTROYED; HELD POSITION OF SURVEY FILED IN VOL. 5 OF SHORT PLATS, PG. 91.

JULY 31, 2006, A.F. NO. 200607310190, CONCRETE MONUMENT DESTROYED, FOUND 5/8" REBAR/CAP SET BY LS 28023. SEE ROBIN HILL SHORT PLAT RECORDED UNDER AUDITOR'S FILE NUMBER 200312160116.

FEBRUARY 21, 2008, A.F. NO. 200802210088, FOUND CONCRETE MONUMENT DESTROYED; HELD POSITION OF SURVEY FILED IN VOL. 5 OF SHORT PLATS, PG. 91.

JANUARY 2010, PSE FOUND A #5 REBAR AND CAP, 0.3' ABOVE GROUND, MARKED "SCHWIND PLS #28023", THIS MONUMENT PERPETUATES THE CORNER POSITION, ACCEPTED AS QUARTER CORNER.

NOTE 7: QUARTER CORNER - SECTION 8 & 7

FEBRUARY 18, 1873, U. S. DEPUTY SURVEYOR JOHN A. CORNELIUS UNDER CONTRACT NUMBER 142, SET A POST FOR QUARTER SECTION CORNER, APPROVED JULY 16, 1873.

NOVEMBER 1974, UN-RECORDED SURVEY BY THE STATE OF WASHINGTON DEPARTMENT OF GAME, FOUND 1 INCH IRON PIPE WITH WOOD PLUG.

FEBRUARY 21, 1998, A.F. NO. 9802210029, FOUND 3/4 INCH IRON PIPE WITH TACK IN 3-WAY FENCE CORNER.

AUGUST 2, 2005, A.F. NO. 200508020064, CALCULATED POSITION PER RECORD OF SURVEY A.F. NO. 9802210029.

AUGUST 12, 2005, A.F. NO. 200508120104, CALCULATED POSITION PER RECORD OF SURVEY A.F. NO. 9802210029.

JANUARY 2010, PSE FOUND A 1" DIAMETER IRON PIPE WITH PLUG AND NAIL, FLUSH WITH GROUND, IN FENCE LINE. THIS MONUMENT PERPETUATES THE CORNER POSITION, ACCEPTED AS QUARTER CORNER.

NOTE 8: QUARTER CORNER - SECTIONS 30 & 31

FEBRUARY 10, 1874, U. S. DEPUTY SURVEYOR JOSEPH M. SNOW UNDER CONTRACT NUMBER 185, SET A 3-1/2 (INCH) BY 4 FOOT POST FOR SECTION CORNER, APPROVED MAY 1, 1874.

JULY 7, 1980, A.F. NO. 8007070006, FOUND CONCRETE MONUMENT, JUDY CAP, L.S. NO. 7598.

MAY 8, 1992, A.F. NO. 9205080001, ACCEPTED AS PER "THOUSAND TRAILS SHORT PLAT" VOL. 4, PAGE 132.

JUNE 30, 1993, A.F. NO. 9306300080, FOUND CONCRETE MONUMENT WITH JUDY CAP 11/20/79.

AUGUST 2, 2005, A.F. NO. 200508020064, CALCULATED POSITION PER R.O.S. A.F. NO. 9205080001, 9306300080.

JANUARY 2010, PSE FOUND A CONCRETE MONUMENT AND CAP WITH DRILL HOLE, MARKED "JUDY 7598" 0.2' ABOVE GROUND. THIS MONUMENT PERPETUATES THE CORNER POSITION, ACCEPTED AS QUARTER CORNER.

NOTE 9: QUARTER CORNER - SECTIONS 31 & 38

MARCH 18, 1872, U. S. DEPUTY SURVEYOR JOHN A. CORNELIUS UNDER CONTRACT NUMBER 125, SET A POST FOR SECTION CORNER, APPROVED JUNE 21, 1872.

JULY 7, 1980, A.F. NO. 8007070006, FOUND 1" IRON PIPE WITH R & L CAP, L.S. NO. 8992.

MAY 8, 1992, A.F. NO. 9205080001, FOUND 1" OUTSIDE DIAMETER IRON PIPE WITH PLASTIC CAP, PLS NO. 6702, 0.4' EAST OF BARBED WIRE FENCE CORNER.

MARCH 22, 1993, A.F. NO. 9303220004, FOUND 3/4" IRON PIPE MARKED "LS 6702" 0.5' EAST OF 12" CORNER FENCE POST ON 12/21/92. REPLACED IRON PIPE WITH DNR ALUMINUM PIPE MONUMENT AND 2 REFERENCES WITH ALUMINUM TAGS ON 12/29/92. FOUND DNR ALUMINUM MONUMENT 1/25/93.

APRIL 28, 1993, A.F. NO. 9304280051, FOUND 3/4" IRON PIPE WITH YELLOW PLASTIC CAP MARKED "R & L" 0.5' EAST OF ROUND 10" DIAMETER X 5' HIGH FENCE CORNER POST, FENCE LINE TO NORTH, WEST AND SOUTH 12/21/92. SET DNR ALUMINUM PIPE MONUMENT.

JUNE 30, 1993, A.F. NO. 9306300080, FOUND 1" IRON PIPE WITH R & L CAP, REPLACED WITH DNR ALUMINUM MONUMENT ON 12/92.

AUGUST 21, 2003, A.F. NO. 200308210041, 1" IRON PIPE WITH PLASTIC CAP, PLS NO. 6702 PER R.O.S. A.F. NO. 9205080001.

AUGUST 2, 2005, A.F. NO. 200508020064, CALCULATED POSITION PER R.O.S. A.F. NO. 9205080001, REF. 9312230061, 9306300080, 9104040014, 8007070006, 8005010030.

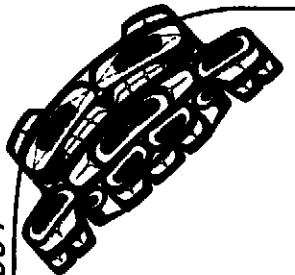
JANUARY 2010, PSE FOUND A 1" IRON PIPE WITH 3" DIAMETER DEPARTMENT OF NATURAL RESOURCES ALUMINUM CAP APPROPRIATELY MARKED AND STAMPED "1982 LS 17581" WITH DRILL HOLE, 0.1' ABOVE GROUND. THIS MONUMENT PERPETUATES THE CORNER POSITION, ACCEPTED AS QUARTER CORNER.

SURVEY SYMBOL LEGEND

- ⊙ = EXISTING MONUMENT (SEE NOTE FOR DESCRIPTION)
- ⊙ = EXISTING #4 REBAR & CAP, PLS #17651
- ⊙ = EXISTING #5 REBAR & CAP, PLS #7598
- ⊙ = EXISTING #4 REBAR & CAP, PLS #32580
- ⊙ = EXISTING #4 REBAR & CAP, PLS #32580, REPLACED W/ #5 REBAR & ALUM. U.S.I.T. CAP, PLS #35147
- ⊙ = EXISTING 2" IRON PIPE, NO CAP
- ⊙ = EXISTING #4 REBAR & CAP, PLS #8992
- ⊙ = EXISTING #4 REBAR & CAP, PLS #40525
- ⊙ = EXISTING #4 REBAR & CAP, PLS #40525, REPLACED W/ #5 REBAR & ALUM. U.S.I.T. CAP, PLS #35147
- ⊙ = SET #5 REBAR & ALUM. U.S.I.T. CAP, PLS #35147 (SEE DETAIL ON SHEET 2)
- ⊙ = EXISTING SECTION CORNER
- ⊙ = EXISTING QUARTER SECTION CORNER
- ⊙ = EXISTING WATER WELL HOUSE
- ⊙ = EXISTING FIRE HYDRANT
- ⊙ = EXISTING GATE VALVE
- ⊙ = EXISTING WATER METER
- ⊙ = EXISTING ELECTRIC METER/SWITCH
- ⊙ = EXISTING UTILITY POLE
- ⊙ = EXISTING ELECTRICAL VAULT/MANHOLE
- ⊙ = EXISTING TELEPHONE VAULT/MANHOLE
- ⊙ = EXISTING LUMINAIRE ALIGNMENT
- ⊙ = EXISTING POWER POLE
- ⊙ = EXISTING POWER POLE W/DROP
- ⊙ = EXISTING STORM DRAIN MANHOLE



UPPER SKAGIT INDIAN TRIBE
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RECORD OF SURVEY

ALTA/ACSM LAND TITLE SURVEY

SITUATE IN A PORTION OF THE SE 1/4 OF SECTION 31 & SW 1/4 OF SECTION 32,
TOWNSHIP 36 NORTH, AND GOVT LOTS 1, 2 & 3 OF SECTION 6, TOWNSHIP 35 NORTH,
RANGE 4 EAST, WILLAMETTE MERIDIAN, SKAGIT COUNTY, WASHINGTON

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MONUMENT HISTORY

NOTE 10: SOUTHEAST ONE SIXTEENTH CORNER - SECTION 31
JUNE 30, 1993, A.F. NO. 9306300080, SET 1/2" X 18" REINFORCING ROD WITH YELLOW PLASTIC CAP MARKED "SKA SURV 17851" AND WHITE 2" X 2" WITNESS STAKE.
MAY 7, 2001, A.F. NO. 200105070102, FOUND REBAR AND CAP 0.63' SOUTH AND 0.40' EAST OF CALC. REBAR AND CAP "LS 32560" SET.
AUGUST 21, 2003, A.F. NO. 200308210041, EXISTING #4 REBAR AND CAP, PLS #32560.
AUGUST 2, 2005, A.F. NO. 200508020064, EXISTING #4 REBAR AND CAP, PLS #32560, REF. R.O.S. A.F. 200308210041, 200105070102, 9306300080.
JANUARY 2010, PSE FOUND AND ACCEPTED A #4 REBAR AND CAP, PLS #32560, FLUSH WITH GROUND; REPLACED WITH #5 REBAR AND 2" DIAMETER ALUMINUM CAP APPROPRIATELY MARKED AND STAMPED "UPPER SKAGIT INDIAN TRIBE PSE 2010 PLS 35147" WITH DRILL HOLE, FLUSH WITH GROUND.

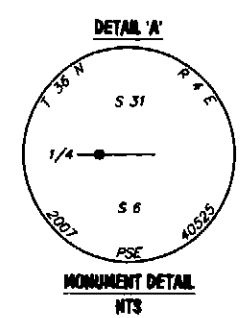
NOTE 11: SECTION CORNER - SECTIONS 5, 6, 31 & 32
JANUARY 24, 1873, U. S. DEPUTY SURVEYOR JOHN A. CORNELIUS UNDER CONTRACT NUMBER 142, SET A POST FOR QUARTER SECTION CORNER, APPROVED JULY 16, 1873.
JUNE 26, 1962, LAND CORNER RECORD PREPARED BY R. L. JUDY, FOUND 1" SOLID ROD 8" DEEP.
JANUARY 7, 1974, A.F. NO. 795271, 1" AXLE IN ROADWAY.
AUGUST 30, 1974, A.F. NO. 805590, FOUND 1" AXLE IN ROAD.
NOVEMBER 21, 1979, A.F. NO. 7911210040, FOUND 1-1/2" IRON PIPE.
APRIL 15, 1992, A.F. NO. 9204150001, FOUND 1" ROD, 10" DOWN IN GRAVEL ROAD JAN. 15, 1992.
MAY 8, 1992, A.F. NO. 9205080001, FOUND 1-1/2" SOLID IRON PIPE 0.8" BELOW GRADE IN GRAVEL ROAD.
JULY 17, 1992, A.F. NO. 9207170212, FOUND 1.5" IRON PIPE 11/12/79.
JUNE 30, 1993, A.F. NO. 9306300080, FOUND 1-1/2" IRON ROD 0.9" DEEP IN GRAVEL ROAD 4/21/93.
MARCH 23, 1993, UNRECORDED SKAGIT COUNTY PUBLIC WORKS SURVEY "BOW HILL ROAD - I-5 TO OLD HWY 99," AUG. 18, 1994 FOUND 1 INCH IRON ROD DOWN 10 INCHES IN GRAVEL AT NORTH END OF GREEN ROAD.
MARCH 21, 1996, UNRECORDED SKAGIT COUNTY ENGINEER DRAWING "BOW HILL ROAD IMPROVEMENT PROJECT - DARK LANE TO OLD 99 NORTH," AUG. 18, 1994 FOUND 1 INCH IRON ROD DOWN 10 INCHES IN GRAVEL AT NORTH END OF GREEN ROAD.
MAY 7, 2001, A.F. NO. 200105070102, FOUND CASED 1-1/4" AXLE JAN. 1996.
AUGUST 21, 2003, A.F. NO. 200308210041, EXISTING 1-1/2" AXLE ROD IN CASE 0.9' BELOW GROUND.
DECEMBER 16, 2003, A.F. NO. 200312160116, 1-1/4" DIAMETER AXLE IN MONUMENT CASE SOUTH OF PRAIRIE ROAD IN CENTERLINE OF NORTH GREEN ROAD, 4/2007.
AUGUST 2, 2005, A.F. NO. 200508020064, 2" AXLE ROD IN CASE PER R.O.S. A.F. 200308210041, REF. 200105070102, 9306300080, 7911210040.
AUGUST 12, 2005, A.F. NO. 200508120104, FOUND 1-1/2" IRON PIPE 0.8" DEEP IN GRAVEL ROAD.
JANUARY 2010, PSE FOUND A 2" AXLE ROD 0.8" BELOW ASPHALT GRADE IN MONUMENT CASE. THIS MONUMENT PERPETUATES THE CORNER POSITION. ACCEPTED AS QUARTER CORNER.

NOTE 12: SECTION CORNER - SECTIONS 1, 6, 31, & 32
SEPTEMBER 29, 1870, U. S. DEPUTY SURVEYOR JOHN A. CORNELIUS UNDER CONTRACT NUMBER 115, SET A POST FOR SECTION CORNER, APPROVED JUNE 27, 1871.
MARCH 18, 1872, U. S. DEPUTY SURVEYOR JOHN A. CORNELIUS UNDER CONTRACT NUMBER 125, FOUND A POST FOR SECTION CORNER, APPROVED JUNE 21, 1872.
NOVEMBER 21, 1979, A.F. NO. 7911210040, FOUND CONCRETE MONUMENT.
APRIL 4, 1991, A.F. NO. 9104040014, FOUND CONCRETE MONUMENT WITH BRASS DISC STAMPED "RADER AND LEONARD" JAN. 15, 1992.
APRIL 15, 1992, A.F. NO. 9204150001, FOUND CONCRETE MONUMENT WITH BRASS DISC STAMPED "RADER AND LEONARD" JAN. 15, 1992.
MAY 8, 1992, A.F. NO. 9205080001, FOUND 4" SQUARE CONCRETE MONUMENT WITH BRASS CAP 1.5' WEST OF A BARBED WIRE FENCE. (MONUMENT IS APPROPRIATELY STAMPED AND WITH "RADER AND LEONARD 6702.")
MARCH 22, 1993, A.F. NO. 9303220004, FOUND CONCRETE MONUMENT WITH BRASS CAP MARKED "RADER AND LEONARD 6702" UP 0.2' AT THE EAST EDGE OF A SMALL CREEK. FENCE IS 3.1' EAST OF SECTION CORNER.
APRIL 28, 1993, A.F. NO. 9304280051, FOUND CONCRETE MONUMENT WITH BRASS CAP MARKED "RADER AND LEONARD 6702" UP 0.2' AT THE EAST EDGE OF A SMALL CREEK. ACCEPTED AS SECTION CORNER, ALSO FOUND PLUGGED 3/4" IRON PIPE IN CREEK 8.0' SOUTH OF CONCRETE MONUMENT 1/25/93.
AUGUST 24, 1994, A.F. NO. 9408240103, FOUND CONCRETE MONUMENT WITH BRASS DISC STAMPED "RADER AND LEONARD" (NOV. 1990).
OCTOBER 31, 1994, A.F. NO. 9410310110, FOUND CONCRETE MONUMENT WITH BRASS DISK STAMPED "RADER AND LEONARD" (NOV. 1990).
MARCH 23, 1995, UNRECORDED SKAGIT COUNTY PUBLIC WORKS SURVEY "BOW HILL ROAD - I-5 TO OLD HWY 99," AUG. 18, 1994 FOUND CONCRETE MONUMENT WITH RADER AND LEONARD BRASS CAP.
AUGUST 21, 2003, A.F. NO. 200308210041, 4" SQUARE CONCRETE MONUMENT WITH BRASS DISK PER A.F. NO. 9205080001.
AUGUST 2, 2005, A.F. NO. 200508020064, CALCULATED POSITION PER A.F. NO. 9205080001, REF. 9410310110, 9312230061, 9104040014, 7911210040.
AUGUST 12, 2005, A.F. NO. 200508120104, FOUND CONCRETE MONUMENT WITH BRASS CAP MARKED "RADER AND LEONARD 6702" 1.5' WEST OF A BARBED WIRE FENCE.
JANUARY 2010, PSE FOUND A CONCRETE MONUMENT WITH BRASS CAP APPROPRIATELY MARKED AND STAMPED "RADER AND LEONARD 6702" WITH DRILL HOLE, 1.0' ABOVE GROUND. THIS MONUMENT PERPETUATES THE CORNER POSITION. ACCEPTED AS QUARTER CORNER.

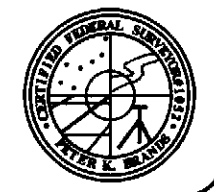
NOTE 14: CENTER WEST 1/16 CORNER - SECTION 32
AUGUST 30, 1974, A.F. NO. 805590, SET 3/4" IRON PIPE.
OCTOBER 11, 1974, A.F. NO. 808737, SET 3/4" IRON PIPE.
JANUARY 2010 PSE FOUND AND ACCEPTED A REBAR AND CAP W/ TACK IN 3/4" IRON PIPE, "R&L 6702", 0.2' A.G.

NOTE 15: QUARTER CORNER - SECTIONS 6 & 31 (SEE DETAIL 'A')
JANUARY 24, 1873, U. S. DEPUTY SURVEYOR JOHN A. CORNELIUS UNDER CONTRACT NUMBER 142, SET A POST FOR QUARTER SECTION CORNER, APPROVED JULY 16, 1873.
NOVEMBER 1974, UN-RECORDED SURVEY BY THE STATE OF WASHINGTON DEPARTMENT OF GAME, FOUND AXLE AND 2" X 2" X 12" STAKE IN UPROOT OF CEDAR TREE.
NOVEMBER 21, 1979, A.F. NO. 7911210040, FOUND 2" IRON PIPE.
JULY 7, 1980, A.F. NO. 8007070006, FOUND 2" IRON PIPE.
APRIL 4, 1991, A.F. NO. 9104040014, FOUND AXLE (FEB. 1991).
APRIL 15, 1992, A.F. NO. 9204150001, FOUND AXLE AT FENCE CORNER JAN. 15, 1992.
MAY 8, 1992, A.F. NO. 9205080001, FOUND STEEL AXLE 1.0' ABOVE GROUND AT NORTH AND EAST BARBED WIRE FENCE CORNER.
JULY 17, 1992, A.F. NO. 9207170212, FOUND 2" IRON PIPE 8/29/79.
MARCH 22, 1993, A.F. NO. 9303220004, FOUND 2" IRON PIPE 8/29/79 DURING SURVEY FILED IN VOLUME 4 OF SHORT PLATS AT PAGES 131 & 132.
JUNE 30, 1993, A.F. NO. 9306300080, FOUND 2" IRON PIPE 8/29/79.
OCTOBER 31, 1994, A.F. NO. 9410310110, FOUND CAR AXLE (FEB. 1991).
MARCH 23, 1995, UNRECORDED SKAGIT COUNTY PUBLIC WORKS SURVEY "BOW HILL ROAD - I-5 TO OLD HWY 99," AUG. 18, 1994 FOUND AXLE 1.4 FEET ABOVE GROUND 1.0 FEET FROM FENCE CORNER.
MARCH 21, 1996, UNRECORDED SKAGIT COUNTY ENGINEER DRAWING "BOW HILL ROAD IMPROVEMENT PROJECT - DARK LANE TO OLD 99 NORTH," AUG. 18, 1994 FOUND AXLE 1.4 FEET ABOVE GROUND 1.0 FEET FROM FENCE CORNER.
MAY 7, 2001, A.F. NO. 200105070102, FOUND 1" IRON BAR UP 0.5' AT FENCE CORNER FEB. 2000.
AUGUST 21, 2003, A.F. NO. 200308210041, EXISTING 1-1/2" AXLE ROD 0.3' ABOVE GROUND.
AUGUST 2, 2005, A.F. NO. 200508020064, 1-1/2" AXLE ROD 0.3' ABOVE GROUND 572'W, 1.0' FROM FENCE CORNER, REF. A.F. NO. 200105070102, 9410310110, 9306300080, 8007070006, 7911210040.
AUGUST 12, 2005, A.F. NO. 200508120104, FOUND STEEL AXLE 1.0' ABOVE GROUND AT FENCE CORNER.
APRIL 2, 2008, A.F. NO. 200804020010, THE FOUND 1" DIAMETER AXLE ROD MONUMENTING THE SOUTH 1/4 CORNER OF SECTION 31, T36N, R4E AS DEPICTED ON RECORD OF SURVEY A.F. NO. 200508020064, RECORDS OF SKAGIT COUNTY, WAS PERMITTED TO BE REMOVED AS PART OF A CONSTRUCTION PROJECT. SET 2-1/2" DIAMETER ALUMINUM MONUMENT IN DRAINAGE SWALE, 4" ABOVE GRADE. THE MONUMENT IS 30" LONG, 1/2" DIAMETER (#4) REBAR INSIDE FOR FUTURE MAGNETIC LOCATING, IF NEEDED. (REFERENCE DNR PERMIT NO. 3402)
JANUARY 2010, PSE FOUND A 2-1/2" DIAMETER ALUMINUM MONUMENT AND CAP WITH DRILL HOLE APPROPRIATELY MARKED AND STAMPED "2007 PSE 40525" 0.3' ABOVE GRADE. THIS MONUMENT PERPETUATES THE CORNER POSITION. ACCEPTED AS QUARTER CORNER.

TYPICAL SET MONUMENT



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[illegible]

LINE TABLE

L1 = N52°52'21" W. 305.79'	L8 = S18°29'31" W. 30.00'
L2 = N15°54'23" E. 61.91'	L9 = S86°26'20" E. 140.62'
L3 = S71°30'29" E. 160.29'	L10 = S87°39'01" E. 110.21'
L4 = S18°29'31" W. 30.00'	L11 = N64°11'58" E. 205.53'
L5 = S71°30'29" E. 100.00'	L12 = N61°56'06" E. 57.01'
L6 = S18°29'31" W. 20.00'	L13 = N10°46'00" W. 5.22'
L7 = S71°30'29" E. 150.00'	L14 = S28°03'54" E. 20.00'
	L15 = N61°56'06" E. 57.00'
	L16 = N65°14'01" E. 30.09'

CURVE TABLE

C1	=	R=1055.69; L=136.17; D=07°23'26"
C2	=	R=1432.78; L=164.42; D=06°34'31"
C3	=	R=954.59; L=82.34; D=05°32'33"
C4	=	R=3798.56; L=150.27; D=02°16'00"
C5	=	R=3828.56; L=151.46; D=02°16'00"
C6	=	R=924.59; L=89.45; D=05°32'33"
C7	=	R=1462.78; L=167.87; D=06°34'31"

RIGHT OF WAY NOTE: BOW HILL ROAD CALCULATED FROM SKAGIT COUNTY PUBLIC WORKS CONSTRUCTION & R/W PLAN-1996, ENTRANCE BOW HILL RD #2120 AND DARRK LANE #5001 ROAD IMPROVEMENT PROJECT-SEPT. 1995, AND ROS AF#9410310110.



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GRAPHIC SCALE
(as survey foot)

0 100 200

1 inch = 200 feet

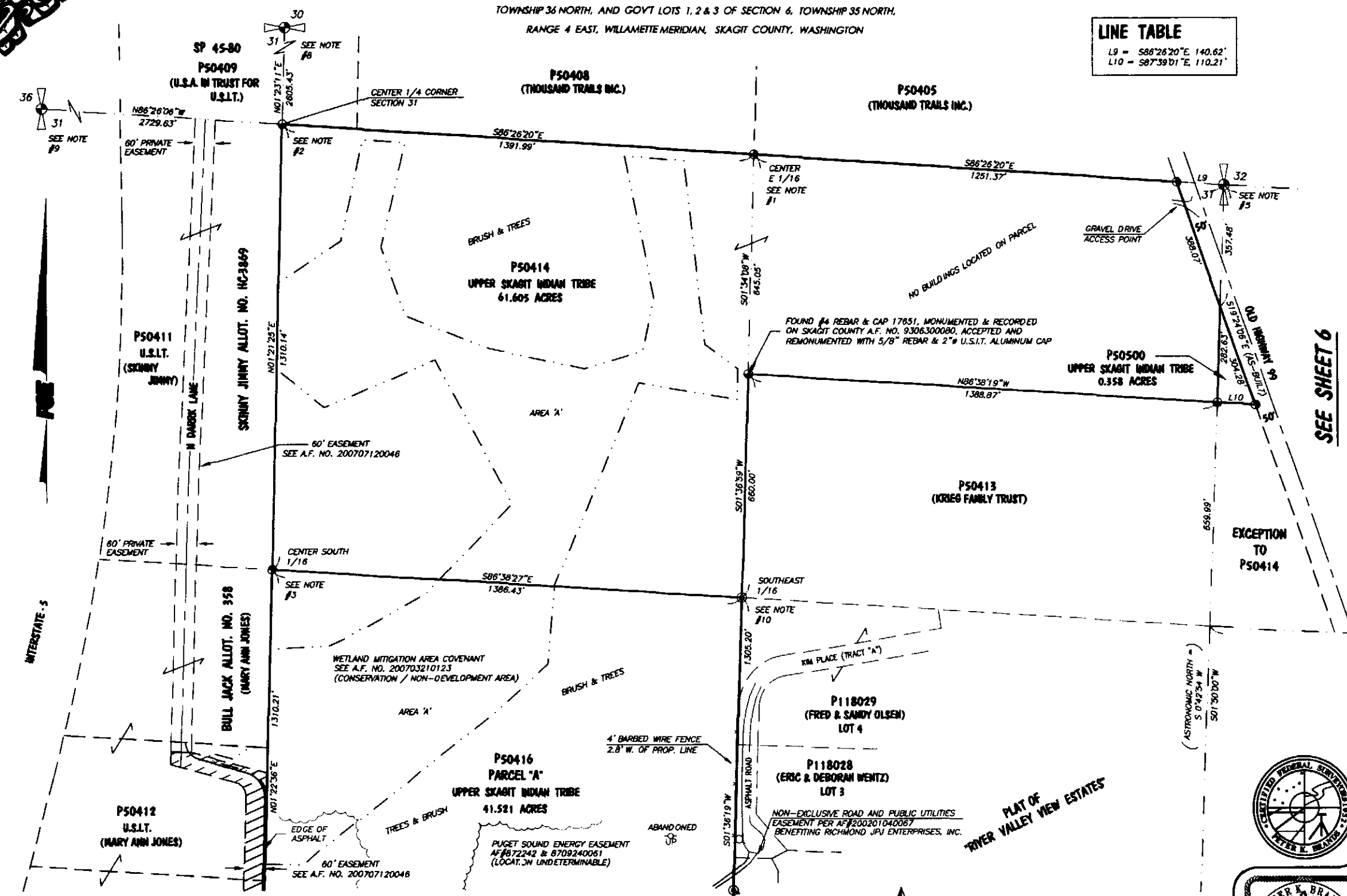
DRAWN BY: JVD CHECKED BY: PKB F.B.# 200... DATE: 06/29/10 JOB NO. 2005032 SHEET NO. 4 OF 7 DWG. NO. 2010_attaupdate_200x.dwg



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LINE TABLE



SEE SHEET 6



SEE SHEET 4



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GRAPHIC SCALE
(in survey feet)

200 100 0 200

1 inch = 200 feet

DRAWN BY: JVD CHECKED BY: PKB F.B.# 200... DATE: 06/29/10 JOB NO. 2005032 SHEET NO. 5 OF 7 DWG. NO. 2010_aitaupdate_200x.dwg

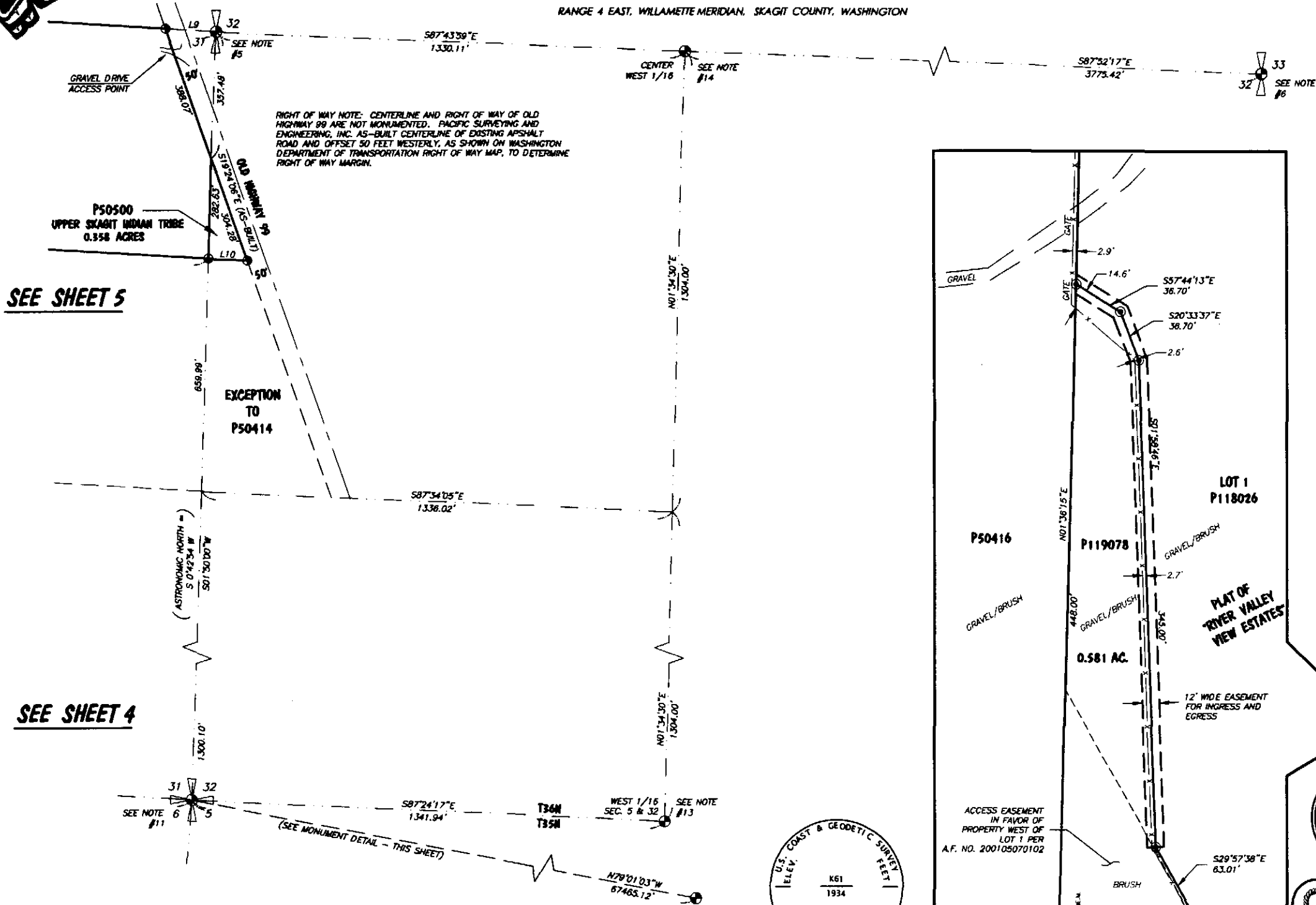
UPPER SKAGIT INDIAN TRIBE
25944 COMMUNITY PLAZA WAY, SEDRO WOOLLEY, WA 98284, 360-854-7000, FAX: 360-854-7004

RECORD OF SURVEY

ALTA/ACSM LAND TITLE SURVEY

SITUATE IN A PORTION OF THE SE 1/4 OF SECTION 31 & SW 1/4 OF SECTION 32,
TOWNSHIP 36 NORTH, AND GOVT LOTS 1, 2 & 3 OF SECTION 6, TOWNSHIP 35 NORTH,
RANGE 4 EAST, WILLAMETTE MERIDIAN, SKAGIT COUNTY, WASHINGTON

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Skagit County Auditor
6/30/2010 Page 6 of 7 10:22AM



PACIFIC SURVEYING & ENGINEERING
1812 CORNWALL AVE, BELLINGHAM, WA 98225
360.671.7387, FAX: 360.671.4685
www.psesurvey.com

DRAWN BY: JVD

CHECKED BY: PKB

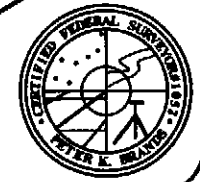
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DATE: 06/29/10

JOB NO. 2009032

SHEET NO. 6 OF 7

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RECORD OF SURVEY ALTA/ACSM LAND TITLE SURVEY

SITUATE IN A PORTION OF THE SE 1/4 OF SECTION 31 & SW 1/4 OF SECTION 32,
TOWNSHIP 36 NORTH, AND GOVT LOTS 1, 2 & 3 OF SECTION 6, TOWNSHIP 35 NORTH,
RANGE 4 EAST, WILLAMETTE MERIDIAN, SKAGIT COUNTY, WASHINGTON

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LINE TABLE

L1 = N52°32'21"W, 305.79'	L8 = S18°29'31"W, 30.00'
L2 = N15°34'23"E, 61.91'	L9 = S86°26'20"E, 140.62'
L3 = S71°30'29"E, 160.28'	L10 = S47°39'01"E, 110.21'
L4 = S18°29'31"W, 30.00'	L11 = N64°11'38"E, 205.53'
L5 = S71°30'29"E, 100.00'	L12 = N81°56'06"E, 57.01'
L6 = S18°29'31"W, 20.00'	L13 = N10°46'00"W, 5.27'
L7 = S71°30'29"E, 150.00'	L14 = S28°03'34"E, 20.00'
	L15 = N61°56'06"E, 57.00'
	L16 = N65°14'01"E, 50.09'

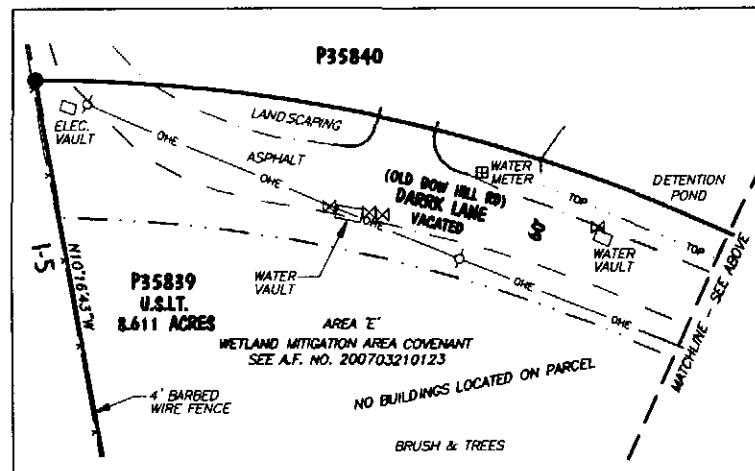
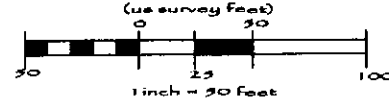
P123324
UPPER SKAGIT INDIAN TRIBE
21.107 ACRES

GOVT LOT 2

DARRK LANE (OLD BOW HILL RD.)
VACATED PER SKAGIT COUNTY RESOLUTION
R20070481. SEE RECORDED DOCUMENT
A.F. NO. 200711090143

60' EASEMENT
SEE A.F. NO. 200707120046

GRAPHIC SCALE



CURVE TABLE

C1 = R=1055.69', L=135.17', D=0°23'28"
C2 = R=1432.78', L=164.42', D=0°34'31"
C3 = R=954.59', L=92.34', D=0°32'33"
C4 = R=3798.56', L=150.27', D=0°21'60"
C5 = R=3828.56', L=151.46', D=0°21'60"
C6 = R=924.59', L=89.45', D=0°32'35"
C7 = R=1482.78', L=187.87', D=0°34'31"



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SHEET NO. 7 OF 7

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