

*Cellco Partnership and its controlled affiliates doing business as Verizon Wireless*

Federal Communications Commission  
NEPA Review

*SEA Bromart – New Build*

*402 Second Street*

*Snohomish, Snohomish County, WA*

*N 47°-54'-47.39" / W 122°-5'-11.35"*

*Raw Land-New Build, 100-foot Monopole Communications  
Tower Site*

Project: 81157045 – EnSite #24376

July 15, 2015

Terracon Consultants, Inc. (Terracon)

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*Executive Summary*

Site Name:	SEA Bromart – New Build (EnSite #24376)
Site Type:	Raw Land-New Build, 100-foot Monopole Communications Tower Site
Site Address:	402 Second Street, Snohomish, Snohomish County, WA 98290
Latitude / Longitude (NAD83):	N 47°-54'-47.39" / W 122°-5'-11.35"
TCNS Number:	124925
E106 Filing Number:	0006827699
USGS 7.5-Minute Series Topographic Quadrangle:	Snohomish, WA (1953)
<i>FCC Topics</i>	<i>Findings</i>
Will the facility be located in an officially designated wilderness area?	No
Will the facility be located in an officially designated wildlife preserve?	No
Will the facility affect listed or proposed threatened or endangered species or designated critical habitats?	No
Will the facility affect districts, sites, buildings, structures or objects significant in American history, architecture, archeology, engineering or culture, that are listed, or eligible for listing, in the National Register of Historic Places?	No
Will the facility affect an Indian religious site?	No See Section 2.3.5 concerning the Stillaguamish Tribe's and the Eastern Shoshone Tribe's construction monitoring requests.
Will the facility be located in a 100-year floodplain?	No
Will construction of the facility involve significant change in surface features (e.g. wetland fill, water diversion or deforestation)?	No
Will the preparation and filing of an Environmental Assessment (EA) be required?	No

## 1.0 NEPA SCOPE SERVICES

### 1.1 INTRODUCTION

The National Environmental Policy Act (NEPA) of 1969 requires all federal agencies to evaluate the potential impacts to the environment of projects under their jurisdiction. The Federal Communications Commission (FCC) rules for implementing NEPA are found in Title 47 CFR, Part 1, Subpart I, rule sections 1.1301 to 1.1319.

In addition, Section 106 of the National Historic Preservation Act of 1966, as codified at 36 CFR Part 800, regulates assessment of cultural resources for all federal undertakings. The Nationwide Programmatic Agreement for the Collocation of Wireless Antennas (47 CFR Part 1, Appendix B) and the Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process (47 CFR Part 1, Appendix C) further stipulate the review process for cultural resources and amend 47 CFR, Part 1, Subpart I, rule section 1.1307(a)(4).

### 1.2 BACKGROUND AND PURPOSE

Terracon conducted this NEPA Review pursuant to 47 CFR 1.1301-1.1319, as amended. The report includes the evaluation of project impacts to prehistoric and historic resources (archaeological sites, historic structures, and Indian religious sites), threatened or endangered species (protected listed, candidate, and critical habitat), migratory birds, wilderness areas, wildlife preserves, floodplains, and surface features (wetlands, water bodies and forested land).

The FCC rules and regulations also address project impacts to humans from tower lighting and radiofrequency radiation, which are evaluated by the tower owner and/or applicant and are not part of this scope of work.

### 1.3 SCOPE OF WORK

This NEPA Review has been completed based upon Verizon Wireless-provided site information, the review of readily available information obtained from commercial services, government agencies, and/or other sources as described herein. Throughout this report, the term "the Site" will be used to refer to the proposed site location and associated facilities.

This NEPA Review identifies whether a proposed facility will require the preparation and filing of an Environmental Assessment (EA) in accordance with FCC rules and regulations.

If any of the questions in Section 2.0 of this Review are found to be in the affirmative, an EA must be filed with the FCC to further evaluate the identified potential environmental impacts. In the event that this Review results in the preparation and filing of an EA, the FCC must issue a finding of no significant impact (FONSI) prior to proceeding with the proposed project.

## 1.4 LIMITATIONS

### 1.4.1 *Scope of Activity*

This NEPA Review is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, scope of work, budget and schedule. To the extent that more definitive conclusions are desired by Verizon Wireless than are warranted by the currently available facts, it is specifically Terracon intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. Terracon makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose. In addition, the information provided to the Verizon Wireless in this report is not to be construed as legal advice.

### 1.4.2 *Use of This Report*

Terracon is not engaged in environmental assessing and reporting for the purpose of advertising, sales promotion, or endorsement of any Verizon Wireless interests, including raising investment capital, recommending investment decisions, or other publicity purposes. Verizon Wireless acknowledges this report has been prepared for the exclusive use of Verizon Wireless and agrees that Terracon reports or correspondence will not be used or reproduced in full or in part for such purposes, and may not be used or relied upon in any prospectus or offering circular. Verizon Wireless also agrees that none of its advertising, sales promotion, or other publicity matter containing information obtained from this audit and report will mention or imply the name of Terracon.

Nothing contained in this report shall be construed as a warranty or affirmation by Terracon that the Site and property described in the report are suitable collateral for any loan or that acquisition of such property by any lender through foreclosure proceedings or otherwise will not expose the lender to potential environmental liability.

## 2.0 NEPA REVIEW

### 2.1 SITE LOCATION AND DESCRIPTION

The Site address is 402 Second Street, Snohomish, Snohomish County, WA 98290. The Site's latitude and longitude are N 47°-54'-47.39" / W 122°-5'-11.35" (NAD83). The Site is currently a grass-covered, manicured lawn. The areas surrounding the Site are currently commercially and residentially developed. A Site Topographic Map and Site Plans are presented in Appendix A.

On April 16, 2015, Mr. Todd Baker of Terracon conducted a Site visit. Site photographs obtained during the Site visit are provided in Appendix B.

### 2.2 PROJECT DESCRIPTION

This project involves the review of a proposed 100-foot (overall height including appurtenances) monopole telecommunications tower with associated antennas and equipment enclosures within a 750-square foot lease area. Access will be provided via a proposed 10-foot wide easement to extend west and then south from Pine Avenue to the proposed lease area and utilities will be provided via two proposed 5-foot wide and 10-foot wide easements to extend east to Pine Avenue, and south and then west from the proposed lease area.

### 2.3 NEPA TOPICS

#### 2.3.1 Wilderness Areas

Will the facility be located in an officially designated wilderness area?

No

*Source:* Site observations, U.S. Geological Survey (USGS) 7.5-Minute Series Topographic Quadrangle, review of U.S. Department of Interior (DOI) National Atlas ([www.nationalatlas.gov](http://www.nationalatlas.gov)) and [www.wilderness.net](http://www.wilderness.net).

*Finding(s):* The proposed facility is not located in an officially designated wilderness area.

#### 2.3.2 Wildlife Preserves

Will the facility be located in an officially designated wildlife preserve?

No

*Source:* Site observations, U.S. Geological Survey (USGS) 7.5-Minute Series Topographic Quadrangle, review of U.S. Department of Interior (DOI) National Atlas ([www.nationalatlas.gov](http://www.nationalatlas.gov)) and the U.S. Fish and Wildlife Service (USFWS).

*Finding(s):* The proposed facility is not located in an officially designated wildlife preserve.

### 2.3.3 *Protected Species*

Will the facility affect listed or proposed threatened or endangered species or designated critical habitats?

No

*Source:* Site observations and consultation with the U.S. Fish and Wildlife Service (USFWS), Washington Department of Fish and Wildlife (WDFW) (Appendix C).

*Finding(s):* There are no federally listed threatened or endangered species or critical habitat present at the Site that would be affected by the proposed project. Therefore, the project will have no effect on protected species and critical habitat.

USFWS recommendations published in Interim Guidelines for Recommendations on Communication Tower Siting, Construction, Operation, and Decommissioning (2000) state the preferred tower height to decrease potential effects on migratory birds is less than 200 feet tall. The siting and design process for this project could not conform to all the USFWS recommendations. Therefore, it has included mitigating factors such as consideration of collocation, tower siting with existing towers or in minimally sensitive areas, limiting tower height to 100 feet, eliminating the need for guy wires, and the implementation of lighting per ASR requirements.

### 2.3.4 *Archaeological and Historical Resources*

Will the facility affect districts, sites, buildings, structures or objects significant in American history, architecture, archaeology, engineering or culture that are listed, or are eligible for listing, in the National Register of Historic Places?

No

*Source:* Review of State Historic Preservation Office (SHPO) files, archaeological testing, public involvement, and Local Government and SHPO consultation (Appendix C).

*Finding(s):* Based on the information provided, SHPO finds that this project will have no effect on any sites, structures or objects listed on, or determined eligible for listing on the National Register of Historic Places.

In the event that archaeological materials are encountered prior to or during construction of the facilities, SHPO, tribes and other consulting parties must be contacted. Archaeological materials consist of any items, fifty years or older, which were made or used by man. These items include stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal and glass objects, and human skeletal remains. These materials may be present on the ground surface and/or under the ground.

### 2.3.5 Indian Religious Sites

Will the facility affect Indian religious sites?

No

*Source:* Map location review, Indian Reservations in the Continental United States, Bureau of Indian Affairs Map, and consultation with federally recognized tribes (Appendix C).

*Finding(s):* Due to the nature of this undertaking little potential exists for effects to Indian Religious sites. Current land use in the surrounding area was considered. It was determined through this review and tribal consultation, as outlined in the NPA, that the above referenced project is unlikely to affect Indian religious sites.

In the event that archaeological materials are encountered prior to or during construction of the facilities, SHPO, tribes and other consulting parties must be contacted. Archaeological materials consist of any items, fifty years or older, which were made or used by man. These items include stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal and glass objects, and human skeletal remains. These materials may be present on the ground surface and/or under the ground.

The Stillaguamish Tribe responded in part with “we would request a professional monitor be on site during installation of the trenches for access and utilities, and notification so that we may have tribal monitors on site.” (See complete correspondence attached in Appendix C).

The Eastern Shoshone Tribe responded in part with “we are requesting that a Tribal Field Technician be present when ground disturbing activities commence. As a result, we request that before construction activities begin, please make arrangements to have a Tribal Field Technician present.” (See complete correspondence attached in Appendix C).

### 2.3.6 Floodplains

Will the facility be located in a 100-year floodplain?

No

*Source:* Site observations and Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), Panel 1,062 of 1,575, Map Number 53061C1062F, September 16, 2005 (Appendix C).

*Finding(s):* No 100-year flood hazards are identified on the FIRM map for the proposed Site.

### 2.3.7 Surface Features

Will construction of the facility involve a significant change in surface features (e.g. wetland fill, water diversion, or deforestation)?

No

*Source:* Site observations, U.S. Geological Survey (USGS) 7.5-Minute Series Topographic Quadrangle, Natural Resources Conservation Service (NRCS) Soil Survey and U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) map (Appendix C).

*Finding(s):* Due to the scope of the proposed project activities, the current Site conditions and review of applicable source data, significant changes in surface features such as wetland fill, water diversion or deforestation will not be required at the Site.

### 3.0 CONCLUSIONS

A NEPA Review of the proposed SEA Bromart – New Build communications tower was performed by Terracon in conformance with the FCC rules and regulations for implementing NEPA; 47 CFR 1.1301 to 1.1319.

Based on the data obtained during the Site visit, the review of readily available information from commercial services, government agencies and/or other sources, the preparation and filing of an EA will not be required.

The Stillaguamish Tribe responded in part with “we would request a professional monitor be on site during installation of the trenches for access and utilities, and notification so that we may have tribal monitors on site.” (See complete correspondence attached in Appendix C).

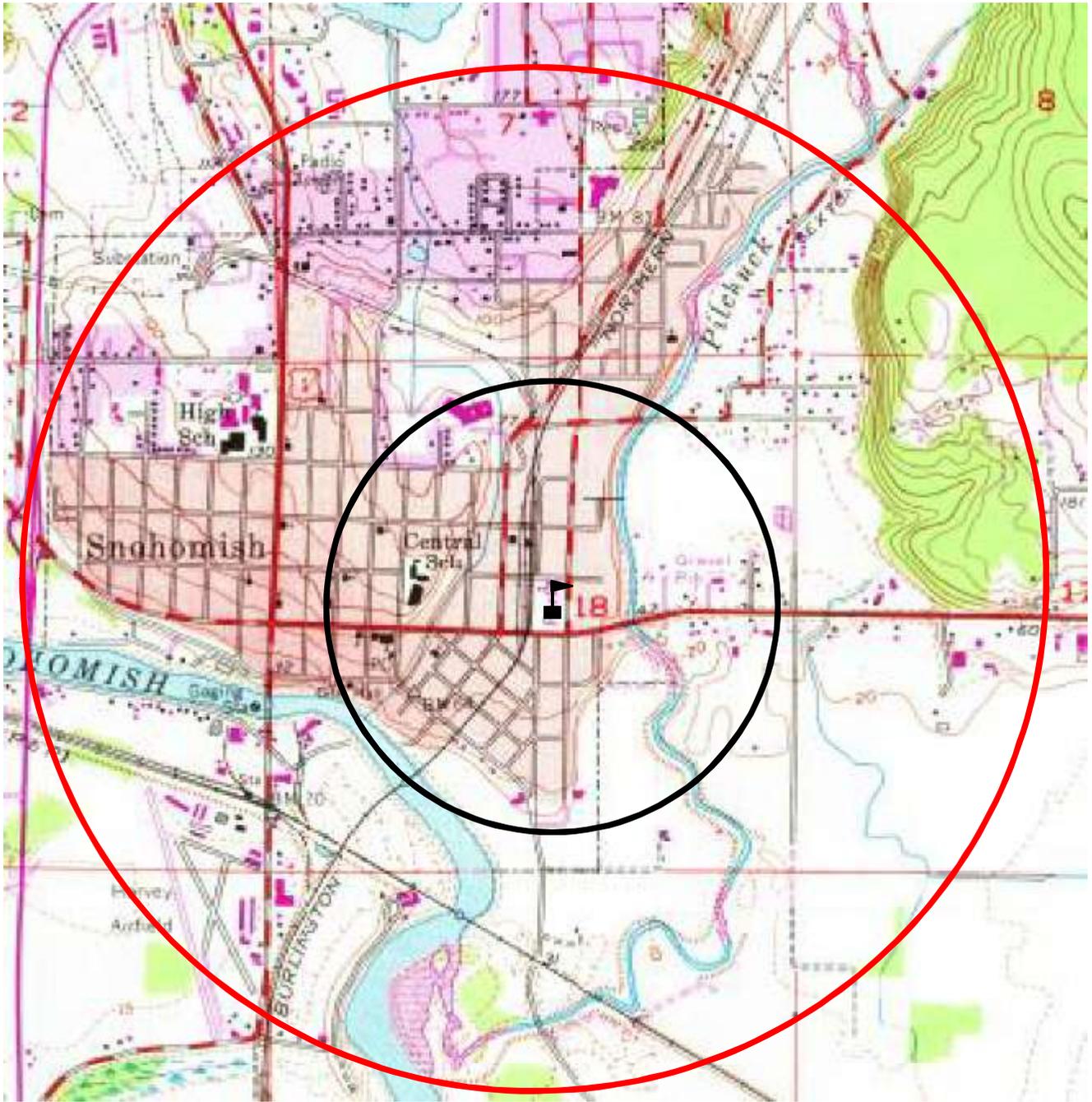
The Eastern Shoshone Tribe responded in part with “we are requesting that a Tribal Field Technician be present when ground disturbing activities commence. As a result, we request that before construction activities begin, please make arrangements to have a Tribal Field Technician present.” (See complete correspondence attached in Appendix C).

#### 4.0 QUALIFICATIONS OF PERSONNEL

The professional qualifications of Terracon personnel listed below are presented in Appendix D.

Name	Discipline
Todd Baker, M.A., RPA	Site Assessor
Todd Baker, M.A., RPA	Cultural Resources Specialist, PI, Archaeology
Jim Baxter, MFR	Natural Resources Specialist
Nancy McReynolds, MHP	PI, Architectural History
Craig Pruett	Quality Assurance

*Appendix A*  
*Site Figures*



-  = Approximate site location
-  = Approximate 1/2 mile radius for Visual Effects
-  = Approximate 1 mile radius for Archival Research



**SOURCE:** USGS Topographic Map: SNOHOMISH, WA (1/1/1953).

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Manager: MYW	Project No. 81157045	 Consulting Engineers & Scientists	TOPOGRAPHIC MAP	EXHIBIT
Drawn by: CJP	Scale: 1:24,000		SEA BROMART- NEW BUILD 402 SECOND STREET SNOHOMISH, SNOHOMISH COUNTY, WASHINGTON	1
Checked by: RTB	File Name:	4103 SE International Way, Suite 300 Portland, OR 97222 PH. (503) 659-3281 FAX. (503) 659-1287		
Approved by: MYW	Date: MAR 2015			



**SOURCE:** www.bing.com

— = Approximate Site Boundary

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

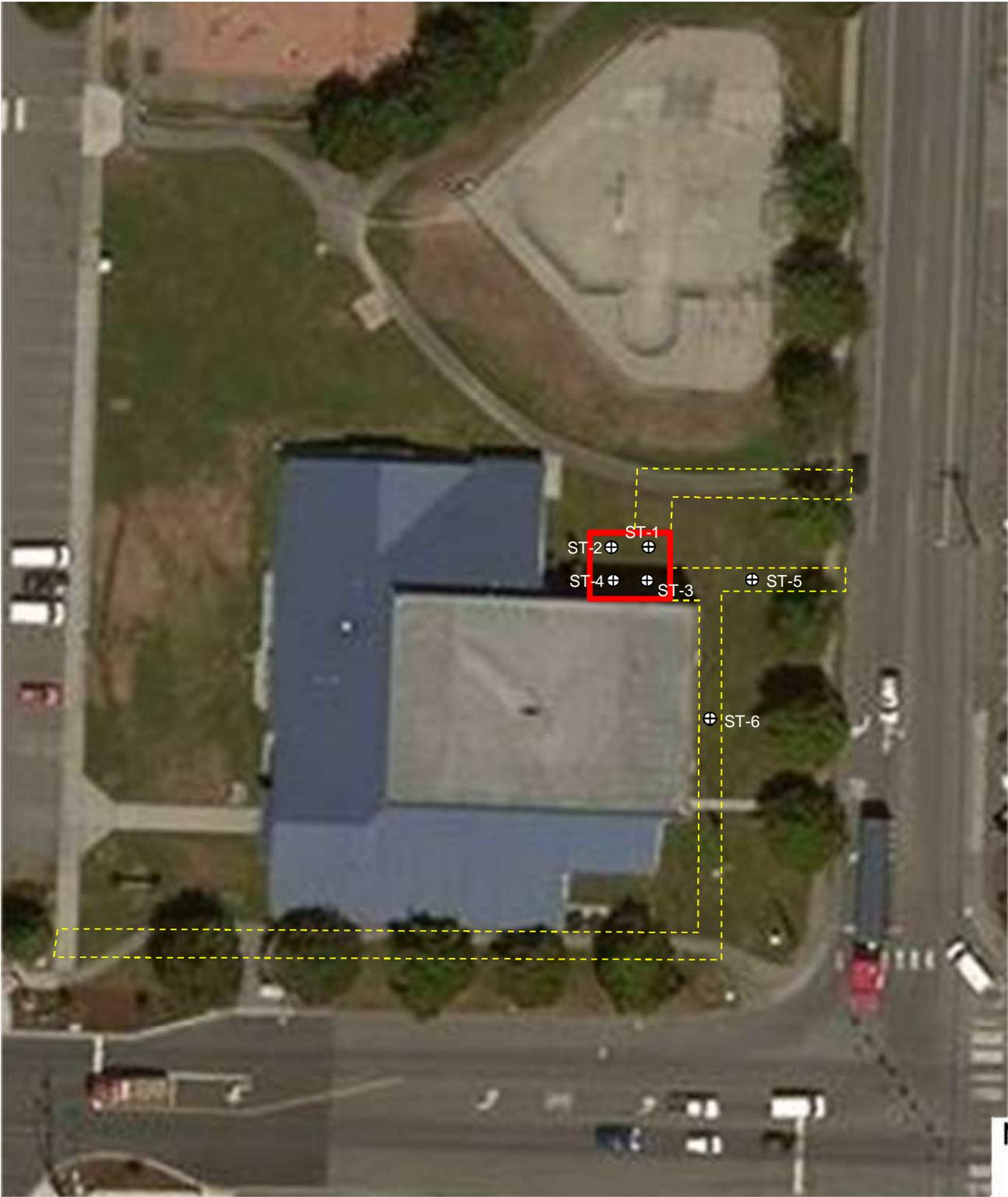
Project Manager: MYW	Project No. 81157045
Drawn by: CJP	Scale: NOT TO SCALE
Checked by: RTB	File Name:
Approved by: MYW	Date: MAR 2015

**Terracon**  
Consulting Engineers & Scientists

4103 SE International Way, Suite 300 Portland, OR 97222  
PH. (503) 659-3281 FAX. (503) 659-1287

<b>SITE LOCATION MAP</b>
SEA BROMART- NEW BUILD 402 SECOND STREET SNOHOMISH, SNOHOMISH COUNTY, WASHINGTON

EXHIBIT
2



- = Approximate Site Boundary
- - - = Access and Utility Easements
- = Negative Shovel Test Locations



**SOURCE:** www.bing.com

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Manager: MYW	Project No. 81157045
Drawn by: CJP	Scale: NOT TO SCALE
Checked by: RTB	File Name:
Approved by: MYW	Date: MAY 2015

**Terracon**  
Consulting Engineers & Scientists

4103 SE International Way, Suite 300    Portland, OR 97222  
PH. (503) 659-3281    FAX. (503) 659-1287

<b>SITE DIAGRAM</b>
SEA BROMART- NEW BUILD 402 SECOND STREET SNOHOMISH, SNOHOMISH COUNTY, WASHINGTON

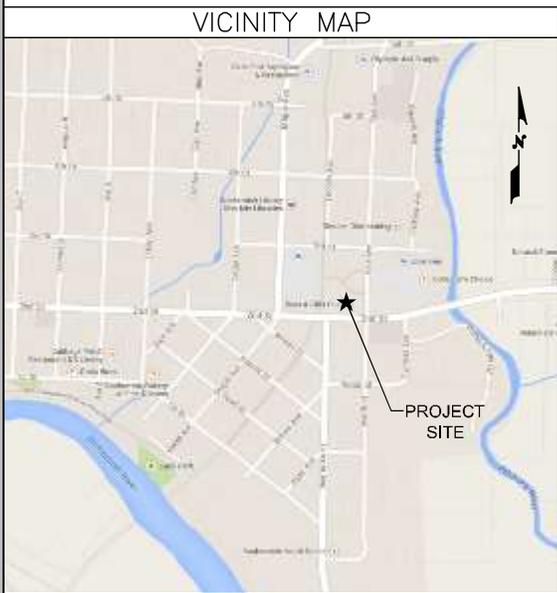
EXHIBIT
3

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.



**PROJECT NAME:** SEA BROMART  
**PROJECT LOCATION:** 402 SECOND STREET SNOHOMISH, WA 98290

2	-	-
1	03/24/15	CLIENT REVISION
0	02/25/15	ISSUED FOR REVIEW
C	01/28/15	REVISED PER COMMENTS
B	10/10/14	REVISED PER COMMENTS
A	10/03/14	ZDS ISSUED FOR REVIEW



**PROJECT INFORMATION**

JURISDICTION:	CITY OF SNOHOMISH
ZONING CLASS:	CUP
OCCUPANCY GROUP:	UTILITY
CONSTRUCTION TYPE:	V-B
TAX PARCEL ID:	28061800402200
PARCEL SIZE:	0.017 ACRES
PROJECT AREA:	750 SQ. FT.
LATITUDE:	47°54'47.39" N 47.913164°
LONGITUDE:	122°06'11.35" W 122.08648°
GROUND ELEVATION:	70.50' AMSL
STRUCTURE HEIGHT:	100'-0" (MONOPOLE)

**SCOPE OF WORK**

VERIZON WIRELESS PROPOSES TO INSTALL AN UNMANNED TELECOMMUNICATIONS FACILITY CONSISTING OF A 100'-0" STRUCTURE, (7) EQUIPMENT CABINETS, A 30KW NATURAL GAS GENERATOR AND (3) RAYCAP SURGE SUPPRESSOR ON A PROPOSED COAX BRIDGE WITHIN A 25'-0"X30'-0" WITHIN AN ENCLOSED LEASE AREA. ALSO PROPOSED IS THE INSTALLATION OF (12) PANEL ANTENNAS, (2) HYBRID CABLE, (9) RRUs, AND (2) RAYCAP SPLITTER/SURGE SUPPRESSOR ON THE PROPOSED MONOPOLE PLATFORM.

**LEGAL DESCRIPTION**

SEE SHEET SV1.

**LIST OF DRAWINGS**

SHEET	DESCRIPTION
T-1	COVER SHEET
T-2	GENERAL NOTES AND SYMBOLS
SV-1	EXISTING SITE SURVEY
C-1	PROPOSED SITE PLAN
A-1	PROPOSED COMPOUND AND EQUIPMENT PLANS
A-2	PROPOSED ELEVATION

**CONTACTS**

<p><b>IMPLEMENTATION CONTACT:</b>                  MICHAEL GALLAGHER                  VERIZON WIRELESS (VAW) LLC                  (9/5/0 VERIZON WIRELESS)                  15900 SE EASTGATE WAY                  BELLEVUE, WA 98009                  PHONE: (206) 715-0014                  Michael.Gallagher@verizonwireless.com</p>	<p><b>APPLICANT/CLIENT CONTACT:</b>                  FRANK MANDT                  VINCULUMS                  3301 BURKE AVE NORTH,                  SUITE 100                  SEATTLE, WA 98103                  PHONE: (425) 941-0410                  fmandt@vinculum.com</p>	<p><b>A&amp;E CONTACT:</b>                  SHAWN VANGIESEN                  MORRISON HERSHFIELD CORP                  10900 NE 8TH ST, SUITE 810                  BELLEVUE, WA 98004                  PHONE: (425) 451-1301                  svangiesen@morrisonhershfield.com</p>
<p><b>PROPERTY OWNER CONTACT:</b>                  DEBBIE EWGE                  PHONE: (360) 282-3197                  emeg@snohomishwa.gov</p>	<p><b>ZONING PERMIT CONTACT:</b>                  FRANK MANDT                  VINCULUMS                  3301 BURKE AVE NORTH,                  SUITE 100                  SEATTLE, WA 98103                  PHONE: (425) 941-0410                  fmandt@vinculum.com</p>	<p><b>PROFESSIONAL OF RECORD:</b>                  ROBERT J LARA                  MORRISON HERSHFIELD CORP                  PHONE: (425) 577-4668                  rlara@morrisonhershfield.com</p>
		<p><b>PROFESSIONAL OF RECORD:</b>                  G. LANCE COOKE                  MORRISON HERSHFIELD CORP                  PHONE: (503) 595-9128                  lcooke@morrisonhershfield.com</p>

- DRIVING DIRECTIONS**
- (FROM SEATTLE-TACOMA INTERNATIONAL AIRPORT:)
- HEAD SOUTHEAST ON AIRPORT EXPRESSWAY TOWARD DEPARTURES DR
  - SLIGHT LEFT AT DEPARTURES DR
  - TURN LEFT TOWARD AIRPORT EXPRESSWAY
  - CONTINUE ONTO AIRPORT EXPRESSWAY
  - KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR WASHINGTON 518 E/INTERSTATE 5/INTERSTATE 405 AND MERGE ONTO WA-518
  - CONTINUE ONTO I-405 N
  - TAKE EXIT 23 FOR WASHINGTON 522 E TOWARD WENATCHEE/WOODVILLE/US2
  - MERGE ONTO WA-9 N EXIT TOWARD SNOHOMISH/ARLINGTON
  - TURN LEFT ONTO WA-9 N/WOODVILLE SNOHOMISH ROAD. CONTINUE TO FOLLOW WA-9 N
  - TAKE THE EXIT TOWARD SNOHOMISH
  - MERGE ONTO 2ND STREET
  - DESTINATION WILL BE ON THE RIGHT.

**CODE COMPLIANCE**

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT CONDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

WASHINGTON STATE AND LOCAL BUILDING CODES WITH THE FOLLOWING REFERENCE CODE:

- 2012 INTERNATIONAL BUILDING CODE (IBC)
- 2012 INTERNATIONAL MECHANICAL CODE (IMC)
- 2012 INTERNATIONAL FIRE CODE (IFC)
- 2011 NATIONAL ELECTRIC CODE (NFPA 70)

**APPROVALS**

TITLE	SIGNATURE	DATE
REPRESENTATIVE		
RE ENGINEER		
SITE OWNER		

**COVER SHEET**

SEA BROMART  
 402 SECOND STREET  
 SNOHOMISH, WA 98290

Project Number: 7130D28  
 Date: 10/03/14

Drafter: NE  
 Designer: SV

Project Manager: EM  
 Professional of Record: RL

Revision No: 1  
 Sheet No: T-1

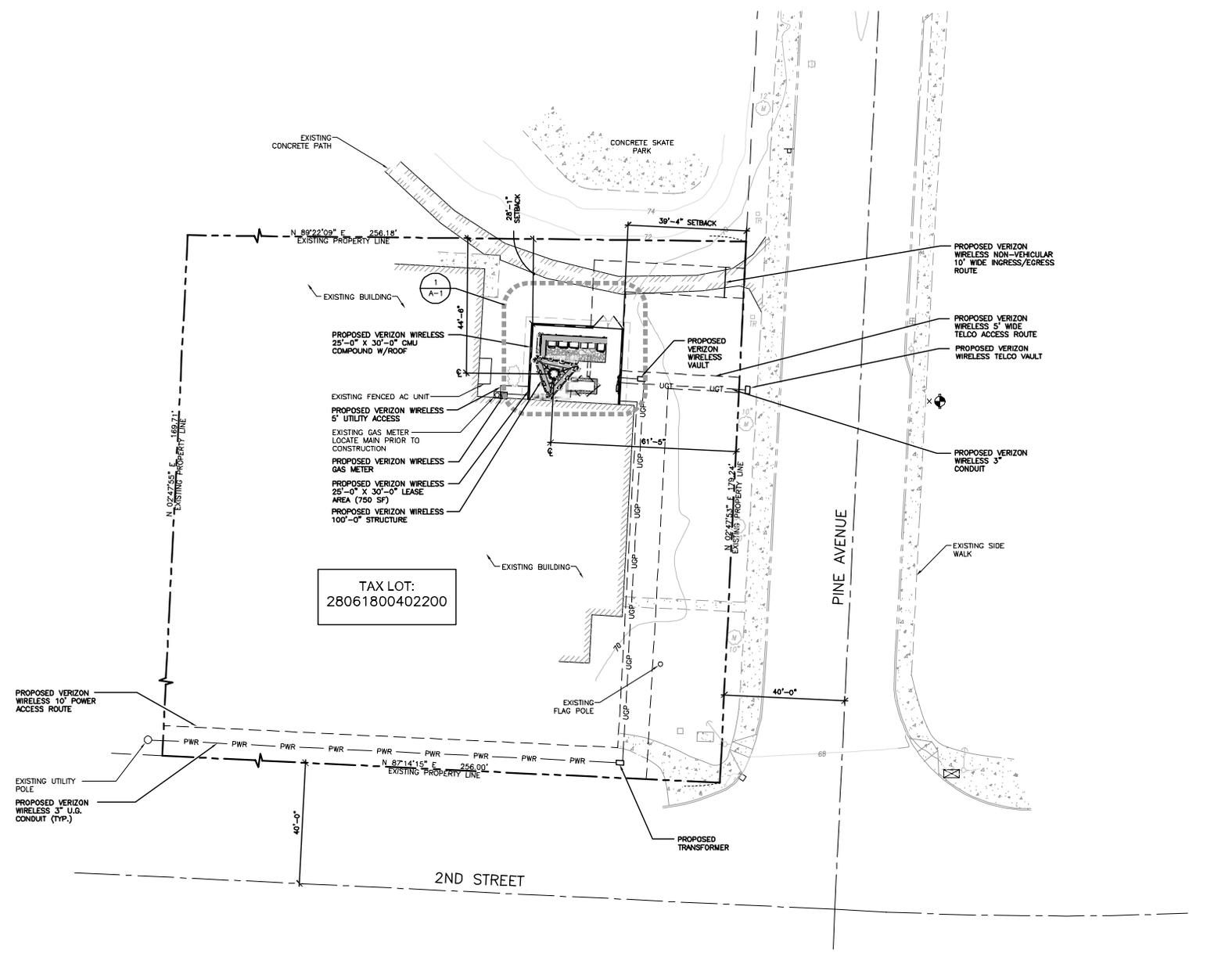
Implementation Team:

A&E Team:

MORRISON HERSHFIELD  
 10900 NE 8TH STREET, SUITE 810  
 BELLEVUE, WA 98004  
 425.451.1301 FAX: 425.451.1369  
 www.morrisonhershfield.com



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Project Info:

SEA  
BROMART  
402 SECOND STREET  
SHOHWISH, WA 98290

Drawing Title:

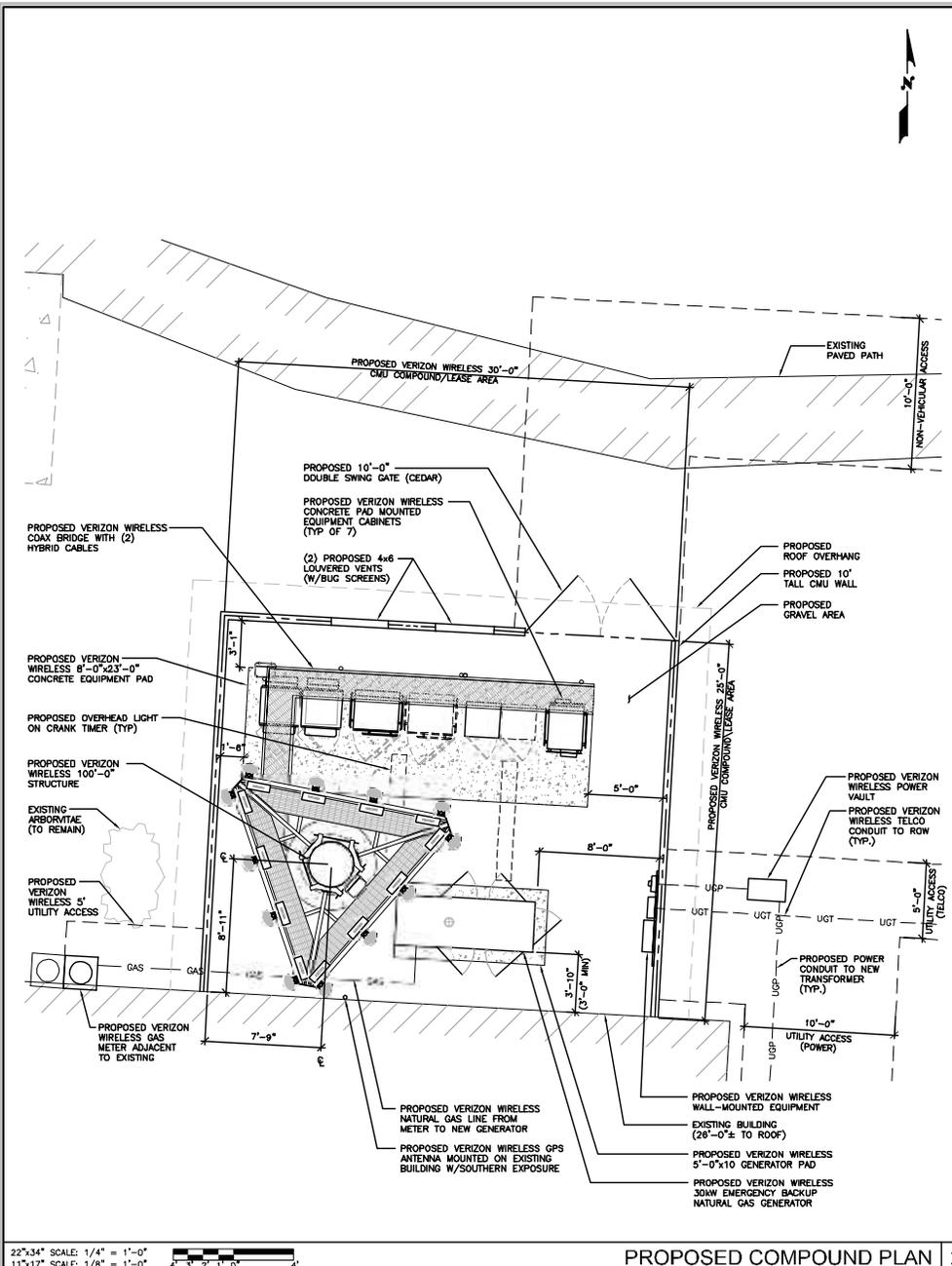
PROPOSED  
SITE PLAN

Project Number: 7130028	Date: 10/03/14
Drafter: NE	Designer: SV
Project Manager: EM	Professional of Record: RL
Revision No:	Sheet No:

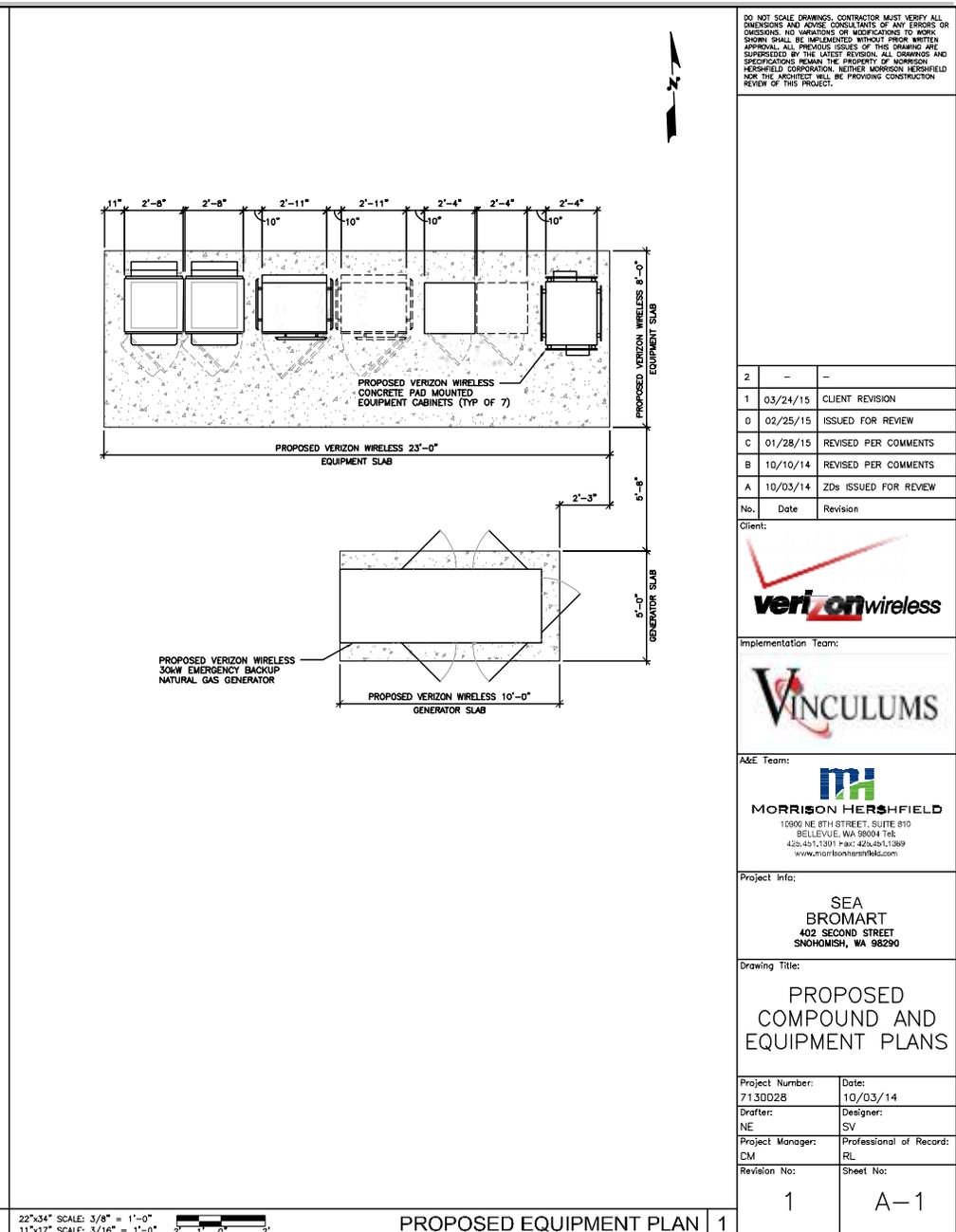
1 C-1

22°34' SCALE: 1/16" = 1'-0"  
11°17' SCALE: 1/32" = 1'-0"  
16 12 8 4 0 16

PROPOSED SITE PLAN 1



PROPOSED COMPOUND PLAN 2



PROPOSED EQUIPMENT PLAN 1

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Project Info:

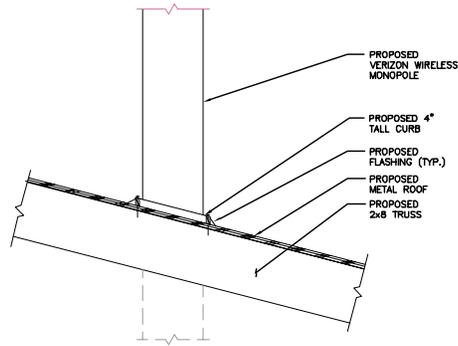
SEA BROMART  
402 SECOND STREET  
SHOHWASH, WA 98290

Drawing Title:

PROPOSED COMPOUND AND EQUIPMENT PLANS

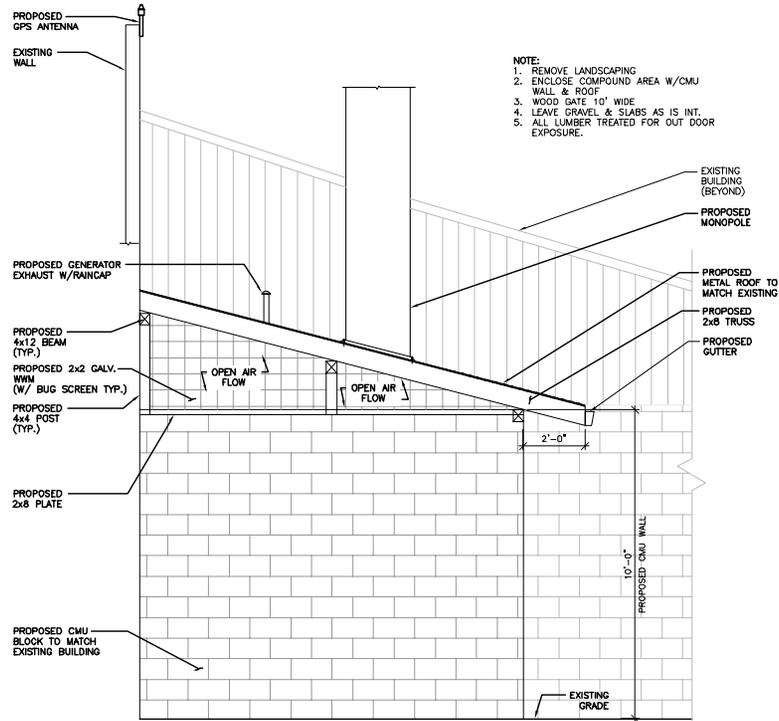
Project Number: 7130028	Date: 10/03/14
Drafter: NE	Designer: SV
Project Manager: CM	Professional of Record: RL
Revision No:	Sheet No:

1 A-1



22"x34" SCALE: NDT TO SCALE  
11"x17" SCALE: NDT TO SCALE

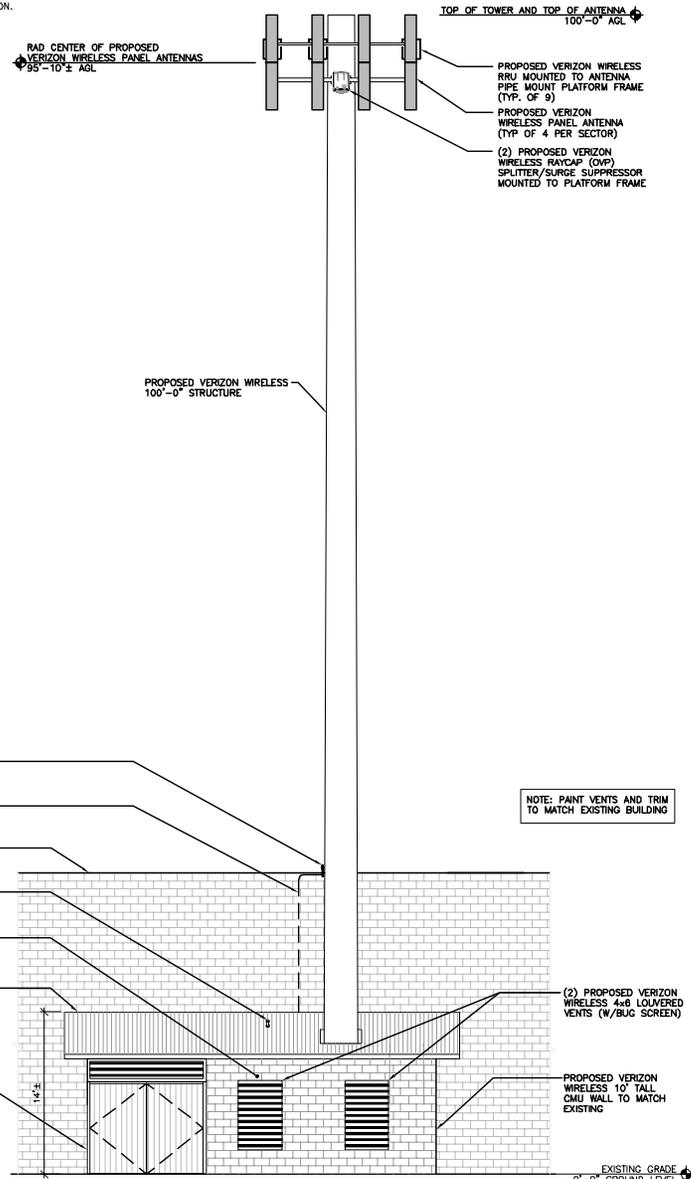
CONNECTION DETAIL 3



22"x34" SCALE: 1/4" = 1'-0"  
11"x17" SCALE: 1/8" = 1'-0"

PROPOSED ROOF ELEVATION 2

NOTE:  
REFER TO ENGINEERD SHOP DRAWINGS FOR DESIGN/ENGINEERING OF MONOPOLE AND ITS FOUNDATION.



22"x34" SCALE: 3/16" = 1'-0"  
11"x17" SCALE: 3/32" = 1'-0"

PROPOSED ELEVATION 1

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL BE PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

2	-	-
1	03/24/15	CLIENT REVISION
0	02/25/15	ISSUED FOR REVIEW
C	01/28/15	REVISED PER COMMENTS
B	10/10/14	REVISED PER COMMENTS
A	10/03/14	ZDs ISSUED FOR REVIEW
No.	Date	Revision



Project Info:  
**SEA BROMART**  
402 SECOND STREET  
SNOWHISH, WA 98290

Drawing Title:  
**PROPOSED ELEVATION**

Project Number: 7130028	Date: 10/03/14
Drafter: NE	Designer: SV
Project Manager: CM	Professional of Record: RL
Revision No: 1	Sheet No: A-2

*Appendix B*  
*Site Photographs*

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #1** View from proposed facility looking north



**Photo #2** View from proposed facility looking south

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington

Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #3** View from proposed facility looking east



**Photo #4** View from proposed facility looking west

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington

Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #5** View toward proposed facility looking west



**Photo #6** View of ST-1 looking north

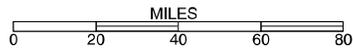
*Appendix C*  
*NEPA Review Supporting Documents*



## FEDERAL LANDS AND INDIAN RESERVATIONS

- Bureau of Indian Affairs
- Bureau of Land Management / Wilderness
- Bureau of Reclamation
- Department of Defense (includes Army Corps of Engineers lakes)
- Department of Energy
- Fish and Wildlife Service / Wilderness
- Forest Service / Wilderness
- National Park Service / Wilderness

Some small sites are not shown, especially in urban areas.



Albers equal area projection

### Abbreviations

- AFB Air Force Base
- IR Indian Reservation
- NAS Naval Air Station
- NF National Forest
- NHP National Historic Park
- NHR National Historical Reserve
- NM National Monument
- NP National Park
- NRA National Recreation Area
- NWR National Wildlife Refuge



Wilderness.net

NAVIGATE  
ZOOM BY TYPING OR SELECTING A WILDERNESS  
SEARCH CITY/ROAD/PLACE  
TOOLBOX  
ROADS

Site

Latitude/Longitude: 47.914547, -122.083909

Wildernesses Managed By: Bureau of Land Management Fish and Wildlife Service Forest Service National Park Service

The image shows an aerial map interface from wilderness.net. At the top left is the logo 'Wilderness.net'. To the right are several small icons representing different wilderness management agencies. The main map area is an aerial view of a residential and commercial area. A red arrow points to a specific location labeled 'Site' in a white box with a red border. The map includes a grid of streets with labels such as Cedar Ave, Maple Ave, Lincoln Ave, Pine Ave, Cypress Ave, 3rd St, 2nd St, 92nd St SE, 111th Dr SE, Wood St, Bowen St, Ramble St, Glen Ave, Pearl St, Cedar Ave, and Cypress Ave. At the bottom left, the coordinates 'Latitude/Longitude: 47.914547, -122.083909' are displayed. At the bottom, a legend titled 'Wildernesses Managed By:' lists four agencies with corresponding colored squares: Bureau of Land Management (yellow), Fish and Wildlife Service (orange), Forest Service (green), and National Park Service (purple).



May 20, 2015

Ken Berg, Manager  
U.S. Fish and Wildlife Service  
Washington Fish and Wildlife Office  
510 Desmond Drive SE, Suite 102  
Lacey, Washington 98503  
Phone: 360-753-9440

**Re: Tower Site Evaluation: Proposed 100-foot Monopole  
Telecommunications Tower**  
**Site Name: SEA Bromart – New Build**  
**Site Address: 402 Second Street**  
**Snohomish, Snohomish County, Washington**  
**USGS Quadrangle: Snohomish, Washington**  
**Latitude/Longitude: 47-54-47.39 N/ 122-5-11.35 W**  
**Terracon Project Number: 81157045**  
**EnSite Number: 24376**

Dear Mr. Berg:

On behalf of Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon), Terracon is requesting a review of potential impacts to listed and proposed threatened/endorsed species and critical habitats resulting from the proposed construction of a 100-foot monopole telecommunications tower at the above referenced location. Federal Communication Commission (FCC) regulations, as identified in 47CFR § 1.1307 (a) 3, require that Verizon consider the effects of the proposed tower construction to protected species and critical habitats. Findings in this report are based upon the site's current utilization, the most recent reconnaissance information and from other activities described herein; such information is subject to change.

The proposed tower site is located at 402 Second Street in Snohomish, Snohomish County, Washington. Specifically, the location is 47-54-47.39 N latitude and 122-5-11.35 W longitude with a ground elevation of 71 feet above mean sea level (AMSL). The proposed tower site is located within a manicured lawn for an existing building. Topography in the area was observed as generally flat. The site and its topographic environment are shown on the United States Geological Survey (USGS) *Snohomish, Washington* dated 1953 (see attached).



## Tower Site Evaluation

SEA Bromart – New Build ■ Snohomish, Washington

May 20, 2015 ■ Terracon Project No. 81157045



Terracon understands that Verizon is proposing to build a 100-foot monopole telecommunications tower (total tower height with appurtenances), with associated antennas and equipment enclosures within a 750 square foot (sf) lease area. Access will be provided via a proposed easement that will extend west and then south from Pine Avenue to the site. No wetlands, streams, springs, ponds, or other water sources are located on the tower site. The closest water surface to the proposed site is the Pilchuck River located approximately 775 feet east of the site.

Terracon conducted a preliminary review using the U.S. Fish and Wildlife Service (USFWS) Information, Planning and Conservation System (IPaC) Endangered Species Act species list to identify species of concern determined by the activities proposed at the site. Based on a review of the website, the IPaC list indicates that there are 9 protected species that may occur in Snohomish County. Specifically, one amphibian species, the Oregon Spotted Frog; four bird species, the Marbled murrelet, the Northern Spotted Owl, the Streaked Horned Lark and the Yellow-Billed Cuckoo; one fish species, the Bull Trout; and two mammals, the Canada Lynx, the Gray Wolf and the Grizzly Bear were identified.

Terracon conducted a field visit in April 2015. Habitats for the species identified were compared to the habitat observed at the proposed tower site. The proposed tower site is located within a manicured lawn adjacent to an existing building. The location is in the vicinity of a developed commercial area. The Bull Trout, the Chinook Salmon, the Killer Whale, the Marbled Murrelet and the Northern Spotted Owl are listed with critical habitat in the vicinity of the project area, but the site is in a grass-covered lawn in a developed commercial area. After checking the critical habitat map through the IPaC system, none of the above mentioned species critical habitat is listed as occurring in the project area. The listed protected species and their suitable habitat were not observed on the site.

USFWS recommendations published in Interim Guidelines for Recommendations on Communication Tower Siting, Construction, Operation, and Decommissioning (2000) state the preferred tower height to decrease potential effects on migratory birds is less than 200 feet tall. Additional recommendations include consideration of collocation on an existing structure, elimination of guy-wires, siting within "existing antenna farms" outside of bird concentration areas, consideration on lighting effects, and the use of down shielded security lighting. Therefore, it has included mitigating factors such as consideration of collocation, limiting tower height to 100 feet, eliminating the need for guy wires, and the implementation of lighting per ASR requirements.

Based on Terracon's analysis and reconnaissance, it is anticipated that the construction of the proposed telecommunications tower site will have no effect on listed or proposed protected species. Your confirmation of this would be greatly appreciated; however, based on previous consultation with the USFWS dated August 27, 2014, it is Terracon's understanding that USFWS has no obligation to respond to requests for consultation on

**Tower Site Evaluation**

SEA Bromart – New Build ■ Snohomish, Washington

May 20, 2015 ■ Terracon Project No. 81157045



projects which have a determination of “no effect,” therefore if a response is not received within thirty days of receipt, we will infer that the USFWS concurs with our findings.

A topographic site location map is included with this letter. In addition, we have included representative photographs of the proposed tower site and a Tower Site Evaluation Form for your use.

Please feel free to contact our office at 425-771-3304 if you need additional information. Thank you for your assistance with this project.

Sincerely,



A handwritten signature in black ink, appearing to read "Caitlin Price". The signature is fluid and cursive, written in a professional style.

Caitlin Price  
Staff Environmental Scientist

A handwritten signature in black ink, appearing to read "Jim Baxter". The signature is fluid and cursive, written in a professional style.

Jim Baxter, MFR  
Senior Ecologist

*Attachments: Topographic Site Location Map  
Tower Site Evaluation Form  
Photographs  
Endangered Species Act Species List provided by IPaC  
August 27, 2014*

*Please refer to Appendix A for Site Figures*



**TOWER SITE USFWS EVALUATION FORM**

1. Location (attach map) State: Washington County: Snohomish  
Latitude/Longitude: 47-54-47.39 N/ 122-5-11.35 W Elevation: 71  
City and Highway Direction: 402 Second Street

2. Will the equipment be co-located on an existing *FCC Licensed* tower or other existing structure (building, billboard, etc.)? No If yes, type of structure: \_\_\_\_\_

***IF YES, NO FURTHER INFORMATION IS REQUIRED***

If No, provide proposed specifications for new tower:  
Height: 100-foot Construction type: monopole  
Guy-wired? no Number of bands: N/A Total Number of wires: N/A  
Lighting (Security & Aviation): Per ASR requirements.

***IF TOWER WILL BE LIGHTED OR GUY-WIRED, COMPLETE ITEMS 3-18.  
IF NOT, COMPLETE ONLY ITEMS 17 AND 18.***

3. Area of tower footprint in acres or square feet: \_\_\_\_\_

4. Length and width of access road in feet: \_\_\_\_\_

5. General description of terrain, mountainous, roll ing hills, etc. (attach photographs):  
\_\_\_\_\_  
\_\_\_\_\_

6. Meteorological conditions (incidence of fog, low ceilings, etc.): \_\_\_\_\_  
\_\_\_\_\_

7. Soil type(s): \_\_\_\_\_  
\_\_\_\_\_

8. Habitat types and land use on and adjacent to the site  
Type: \_\_\_\_\_ 100%  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9. Dominant vegetative species in each habitat type: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

10. Average diameter breast height of dominant tree species in forested areas: \_\_\_\_\_

11. Will construction cause fragmentation of a larger habitat into two or more smaller blocks? \_\_\_\_\_ If yes, describe: \_\_\_\_\_

12. Evidence of bird roosts or rookeries present? \_\_\_\_\_ If yes, describe: \_\_\_\_\_

13. Distance to nearest wetland area (swamp, marsh, riparian, marine, etc.), and coastline: \_\_\_\_\_

14. Distance to nearest telecommunications tower: \_\_\_\_\_

15. Potential to collocate antennas on existing towers or structures: \_\_\_\_\_

16. Have measures been incorporated to minimize impacts on migratory birds? \_\_\_\_\_  
If yes, describe: \_\_\_\_\_

17. Has an evaluation been made to determine if the proposed facility may affect listed or proposed endangered or threatened species or their habitats as required by FCC regulation at 47 CFR 1.1307(a)(3)? Yes If yes, present findings: \_\_\_\_\_  
No endangered or threatened species or critical habitats will be affected by the proposed project.

18. Additional information required: None

*Please refer to Appendix B for Site Photographs*

# My project

---

## *IPaC Trust Resource Report*

Generated May 07, 2015 02:54 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

## NAME

My project

## PROJECT CODE

OOFTQ-XI675-G5XA7-EIR3V-I5YKBY

## LOCATION

Snohomish County, Washington

## DESCRIPTION

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

### Washington Fish And Wildlife Office

510 Desmond Drive Se, Suite 102

Lacey, WA 98503-1263

(360) 753-9440

## Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

### Amphibians

#### Oregon Spotted Frog

**Threatened**

## DESCRIPTION

No description available

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=D02A>

## CRITICAL HABITAT

There is **proposed** critical habitat designated for this species.

## Birds

### Marbled Murrelet U.S.A. (CA, OR, WA)

**Threatened**

#### DESCRIPTION

The marbled murrelet is a small, chubby seabird that has a very short neck. During the breeding season it has dark brown to blackish upperparts and a white belly and throat that are greatly mottled. During the winter the upperparts become grey, dark marks form on the sides of the breast and a white ring develops around the eye. Males and females are similar in appearance and size. Juveniles are similar to the adult winter plumage, but with dusky mottling on the underparts. Vocalisations include ...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B08C>

#### CRITICAL HABITAT

There is **final** critical habitat designated for this species.

### Northern Spotted Owl

**Threatened**

#### DESCRIPTION

The northern spotted owl is a medium-sized, dark brown owl with a barred tail, white spots on the head and breast, and dark brown eyes surrounded by prominent facial disks. Males and females have similar plumage, but females typically weigh 10 to 20 percent more than males.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B08B>

#### CRITICAL HABITAT

There is **final** critical habitat designated for this species.

### Streaked Horned Lark

**Threatened**

#### DESCRIPTION

The Streaked Horned Lark (*Eremophila alpestris strigata*) is a small, ground-dwelling songbird with conspicuous feather tufts, or "horns," on its head. Its back is heavily streaked with black, contrasting sharply with its deeply ruddy nape and yellow underparts.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0B3>

#### CRITICAL HABITAT

There is **final** critical habitat designated for this species.

### Yellow-billed Cuckoo Western U.S. DPS

**Threatened**

#### DESCRIPTION

Size: 31 cm (12 in) in length. Color: Brownish above and white below; with rusty colored flight feathers. The upper mandible of the bill is black and the lower mandible is yellow. The under side of the tail has pairs of large white spots.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B06R>

#### CRITICAL HABITAT

There is **proposed** critical habitat designated for this species.

# Conifers and Cycads

## Whitebark Pine

Candidate

### DESCRIPTION

No description available

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=R00E>

### CRITICAL HABITAT

**No critical habitat** has been designated for this species.

# Fishes

## Bull Trout U.S.A., conterminous, (lower 48 states)

Threatened

### DESCRIPTION

Bull trout (*Salvelinus confluentus*) are members of the family Salmonidae and are char native Washington, Oregon, Idaho, Nevada, Montana and western Canada. Compared to other salmonids, bull trout have more specific habitat requirements that appear to influence their distribution and abundance. They need cold water to survive, so they are seldom found in waters where temperatures exceed 59 to 64 degrees (F). They also require stable stream channels, clean spawning and rearing gravel, complex and ...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=E065>

### CRITICAL HABITAT

There is **final** critical habitat designated for this species.

## Dolly Varden

Proposed Similarity of Appearance (Threatened)

### DESCRIPTION

No description available

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=E09Z>

### CRITICAL HABITAT

**No critical habitat** has been designated for this species.

# Mammals

## Canada Lynx U.S.A. (CO, ID, ME, MI, MN, MT, NH, NM, NY, OR, UT, VT, WA, WI, WY)

**Threatened**

### DESCRIPTION

The lynx is a medium-sized cat with long legs, large, well-furred paws, long tufts on the ears, and a short, black-tipped tail. The winter pelage of the lynx is dense and has a grizzled appearance with grayish-brown mixed with buff or pale brown fur on the back, and grayish-white or buff-white fur on the belly, legs and feet. Summer pelage of the lynx is more reddish to gray-brown. Adult males average 10 kilograms (22 pounds) in weight and 85 centimeters (33.5 inches) in length (head to tail)...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A073>

### CRITICAL HABITAT

There is **final** critical habitat designated for this species.

## Gray Wolf

**Proposed Endangered**

Western Distinct Population Segment U.S.A. (CA, ID, MT, NV, OR, WA, WY, UT north of U.S. Highway 50, and CO north of Interstate Highway 70, except where listed as an experimental population)

### DESCRIPTION

The Gray Wolf, being a keystone predator, is an integral component of the ecosystems to which it typically belongs. The wide range of habitats in which wolves can thrive reflects their adaptability as a species, and includes temperate forests, mountains, tundra, taiga, and grasslands. Gray wolves were originally listed as subspecies or as regional populations of subspecies in the contiguous United States and Mexico. In 1978, we reclassified the gray wolf as an endangered population at the spe...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A00D>

### CRITICAL HABITAT

**No critical habitat** has been designated for this species.

## Gray Wolf

**Endangered**

U.S.A.: All of AL, AR, CA, CO, CT, DE, FL, GA, KS, KY, LA, MA, MD, ME, MO, MS, NC, NE, NH, NJ, NV, NY, OK, PA, RI, SC, TN, TX, VA, VT and WV; and portions of AZ, IA, IN, IL, ND, NM, OH, OR, SD, UT, and WA as follows: (1) Northern AZ (that portion north of the centerline of Interstate Highway 40); (2) Southern IA, (that portion south of the centerline of Highway 80); (3) Most of IN (that portion south of the centerline of Highway 80); (4) Most of IL (that portion south of the centerline of Highway 80); (5) Western ND (that portion south and west of the Missouri River upstream to Lake Sakakawea and west of the centerline of Highway 83 from Lake Sakakawea to the Canadian border); (6) Northern NM (that portion north of the centerline of Interstate Highway 40); (7) Most of OH (that portion south of the centerline of Highway 80 and east of the Maumee River at Toledo); (8) Western OR (that portion of OR west of the centerline of Highway 395 and Highway 78 north of Burns Junction and that portion of OR west of the centerline of Highway 95 south of Burns Junction); (9) Western SD (that portion south and west of the Missouri River); (10) Most of Utah (that portion of UT south and west of the centerline of Highway 84 and that portion of UT south of Highway 80 from Echo to the UT/WY Stateline); and (11) Western WA (that portion of WA west of the centerline of Highway 97 and Highway 17 north of Mesa and that portion of WA west of the centerline of Highway 395 south of Mesa). Mexico.

### DESCRIPTION

The Gray Wolf, being a keystone predator, is an integral component of the ecosystems to which it typically belongs. The wide range of habitats in which wolves can thrive reflects their adaptability as a species, and includes temperate forests, mountains, tundra, taiga, and grasslands. Gray wolves were originally listed as subspecies or as regional populations of subspecies in the contiguous United States and Mexico. In 1978, we reclassified the gray wolf as an endangered population at the spe...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A00D>

### CRITICAL HABITAT

**No critical habitat** has been designated for this species.

## Grizzly Bear

**Threatened**

U.S.A., conterminous (lower 48) States, except where listed as an experimental population or delisted

### DESCRIPTION

Grizzly Bears reach weights of 180-680 kg (400-1,500 lb); the male is on average 1.8 times as heavy as the female, an example of sexual dimorphism. Their coloring ranges widely across geographic areas, from blond to deep brown or black. These differences, once attributed to subspeciation, are now thought to be primarily due to the different environments these bears inhabit, particularly with regard to diet and temperature. The Grizzly has a large hump over the shoulders which is a muscle mass...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A001>

### CRITICAL HABITAT

**No critical habitat** has been designated for this species.

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

### **Final designated Bull Trout Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=E065#crithab>

### **Final designated Chinook Salmon Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=E06D#crithab>

### **Final designated Killer Whale Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A01L#crithab>

### **Final designated Marbled Murrelet Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B08C#crithab>

### **Final designated Northern Spotted Owl Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B08B#crithab>

# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

## Bald Eagle

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Year-round

### DESCRIPTION

A large raptor, the bald eagle has a wingspread of about 7 feet. Adults have a dark brown body and wings, white head and tail, and a yellow beak. Juveniles are mostly brown with white mottling on the body, tail, and undersides of wings. Adult plumage usually is obtained by the 6th year. In flight, the bald eagle often soars or glides with the wings held at a right angle to the body.

## Black Swift

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Brewer's Sparrow

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

The Brewers Sparrow is a small sparrow of about 12-15 cm in length. Its distinguishing features include a notched tail, conical bill, a finely streaked brown crown, and a defined white eye ring. The underside of the Brewers Sparrow is dullish white and gray in color, while the rest of the plumage is brown intermingled with black streaks. The Brewers Sparrow has a distinctive song consisting of a series of buzzes and trills (Rotenberry et al. 1999). <p>Life History information provided for ...

## Calliope Hummingbird

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Caspian Tern

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Cassin's Finch

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Year-round

DESCRIPTION

No description available

## Eared Grebe

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Flammulated Owl

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Fox Sparrow

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Fox Sparrow

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Year-round

DESCRIPTION

No description available

## Lewis's Woodpecker

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Long-billed Curlew

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

The Long-billed Curlew is a very large shorebird of about 50-65 cm in length. Its distinctive features include a very long bill (11-22 cm) and long legs. Its plumage is a rich pale brown color intermingled with cinnamon and pink. Its flight feathers are a contrasting orange-brown color. Female and male plumage is similar, but females are slightly larger with a longer bill. Juveniles have similar, but slightly different coloring than adults, including less distinct streaking on their undersides, ...

## Olive-sided Flycatcher

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Peregrine Falcon

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Year-round

### DESCRIPTION

No description available

## Peregrine Falcon

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Pink-footed Shearwater

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Year-round

### DESCRIPTION

No description available

## Purple Finch

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Year-round

DESCRIPTION

No description available

## Purple Finch

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Wintering

DESCRIPTION

No description available

## Rufous Hummingbird

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Sage Thrasher

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Short-billed Dowitcher

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Wintering

DESCRIPTION

No description available

## Short-eared Owl

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Year-round

DESCRIPTION

The short-eared owl is an owl of about 0.7 to 0.8 lbs with females slightly larger in size than males. Plumage is brown, buff, white and rust colors. Patches of brown and buff occur mostly on the back side, while the underside is colored more lightly, being mostly white. Females and males have similar plumage. Some distinguishing characteristics of this owl are its gray white fascial disk, and black coloring around yellow eyes. Juveniles have similar plumage to adults, but upper parts and head a...

## Swainson's Hawk

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

Swainsons Hawks are broad-winged Buteos of between 48 and 56 cm in length with females slightly larger than males. Males and females have similar plumage. Swainsons Hawks are polymorphic with pale, light and intermediate morph plumage ranging from dark to light or rufous in color. Most Swainsons Hawks have a sharp contrast between the wing linings and flight feathers. However, some of the darkest Swainsons Hawks do not have this distinction. Swainsons Hawks are distinguishable from other Bu...

## White Headed Woodpecker

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Year-round

### DESCRIPTION

No description available

## Williamson's Sapsucker

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Willow Flycatcher

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.

Price, Caitlin J

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From: Jensen, Martha <martha\_l\_jensen@fws.gov>  
Sent: Wednesday, August 27, 2014 3:17 PM  
To: Price, Caitlin J; Baxter, Jim W.  
Cc: Shirley Burgdorf  
Subject: Re: Paine Field Consultation

Caitlin and Jim

Can you provide us the contact person or office of the Federal Communication Commission (FCC) for the projects you are sending us to review?

We reviewed the information you provided on the Paine Field tower project - there is no habitat for the northern spotted owl or marbled murrelet in the area of tower (Seattle). Similarly, we do not anticipate any effects to listed species for the following projects:

Table 1. List of proposed projects submitted by Terracon to the Service and their effects determination. (NE = no effect and NLAA= may affect, not likely to adversely affect)

Site name	City	Applicant	Terracon number	Effects determination
Hwy 411 & Hicks Rd	Castle Rock	AT&T Mobility	82127020	NE
McAlpine Rd	Bellingham	Atlas Tower Company	81147056	NE
Setchfield	Olympia	Atlas Tower Company	81147058	NE
WA4 Cow Point	Aberdeen	Verizon Wireless	82147745	NE
SEA Sunday Lake	Stanwood	Verizon Wireless	81147047	NE
				NLAA? (no owl or murrelet habitat)
Paine Field	Everett	Verizon Wireless	81147033	

We would like to provide the following wording in an email to the FCC clarifying the process when the effect determination is "will not affect listed species" or "no effect."

On xxxx <date> we received a letter from Terracon <Applicant> requesting confirmation or concurrence from the Service on a determination that the project would not affect any listed species <list the species>.

With this email, we are informing the FCC and their designated non-federal representative that when they require applicants to provide proof that they contacted the U.S. Fish and Wildlife Service, that the Service has no regulatory or statutory authority for concurring with "no effect" determination and no consultation is required.

For future projects:

If the applicant, on behalf of the FCC, provides sufficient information to support a determination that the project will not affect any listed species and they do not get a reply back from the Service within 30 days (we will not reply unless we disagree with the determination), then "confirmation" or "concurrence" with the determination can be inferred. Terracon has language in the letters they send us for review that reflects this.

We recommend that you document the analysis on effects to listed species as part of the project file and compliance with the National Environmental Policy Act.

If you have any questions, please feel free to contact me.

---

Martha Jensen

Branch Manager, Federal Activities  
Division of Consultation and Conservation Planning  
Washington Fish and Wildlife Office  
510 Desmond Dr. SE  
Lacey, Washington 98503  
tel: (360) 753-9000 fax: (360) 753-9008  
email: [martha\\_l\\_jensen@fws.gov](mailto:martha_l_jensen@fws.gov)

On Fri, Aug 15, 2014 at 11:43 AM, Price, Caitlin J <[cjprice@terracon.com](mailto:cjprice@terracon.com)> wrote:

Hi Martha,

After our discussions a few weeks ago I was hoping to follow up on a revised letter which was sent to your attention on 8/12 for the proposed Paine Field telecommunications tower site in Everett, Washington. I was hoping to confirm that you received the supplemented letter with the requested information on the project and was wondering if you have time to discuss the changes or provide a comment from the USFWS on the findings that are laid out within the letter. Please feel free to call or email me with any information on this matter, we appreciate your guidance on the consultation process thus far.

Thank you,

**Caitlin Price**

**Environmental Staff Scientist | Environmental Services Group**

**Terracon**

21905 64<sup>th</sup> Ave. W, Suite 100 | Mountlake Terrace, Washington 98043

P (425) 409 2610 | F (425) 771 3549 | M (805) 450-2929

[cjprice@terracon.com](mailto:cjprice@terracon.com) | [terracon.com](http://terracon.com)

Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

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*Private and confidential as detailed here ([www.terracon.com/disclaimer](http://www.terracon.com/disclaimer)). If you cannot access hyperlink, please e-mail sender.*



May 20, 2015

Mr. Keith Folkerts, Section Manager  
Priority Habitats and Species Program  
Washington Department of Fish and Wildlife  
1111 Washington Street SE  
Olympia, WA 98501  
Phone: (360) 902-2390

**Re: Tower Site Evaluation: Proposed 100-foot Monopole  
Telecommunications Tower**  
**Site Name: SEA Bromart – New Build**  
**Site Address: 402 Second Street**  
**Snohomish, Snohomish County, Washington**  
**USGS Quadrangle: Snohomish, Washington**  
**Latitude/Longitude: 47-54-47.39 N/ 122-5-11.35 W**  
**Terracon Project Number: 81157045**  
**EnSite Number: 24376**

Dear Mr. Folkerts:

On behalf of Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon), Terracon is requesting a review of potential impacts to listed and proposed threatened/ endangered species and critical habitats resulting from the proposed construction of a 100-foot monopole telecommunications tower at the above referenced location. Federal Communication Commission (FCC) regulations, as identified in 47CFR § 1.1307 (a) 3, require that Verizon consider the effects of the proposed tower construction to protected species and critical habitats. Findings in this report are based upon the site's current utilization, the most recent reconnaissance information and from other activities described herein; such information is subject to change.

The proposed tower site is located at 402 Second Street in Snohomish, Snohomish County, Washington. Specifically, the location is 47-54-47.39 N latitude and 122-5-11.35 W longitude with a ground elevation of 71 feet above mean sea level (AMSL). The proposed tower site is located within a manicured lawn for an existing building. Topography in the area was observed as generally flat. The site and its topographic environment are shown on the United States Geological Survey (USGS) *Snohomish, Washington* dated 1953 (see attached).



## Tower Site Evaluation

SEA Bromart – New Build ■ Snohomish, Washington

May 20, 2015 ■ Terracon Project No. 81157045



Terracon understands that Verizon is proposing to build a 100-foot monopole telecommunications tower (total tower height with appurtenances), with associated antennas and equipment enclosures within a 750 square foot (sf) lease area. Access will be provided via a proposed easement that will extend west and then south from Pine Avenue to the site. No wetlands, streams, springs, ponds, or other water sources are located on the tower site. The closest water surface to the proposed site is the Pilchuck River located approximately 775 feet east of the site.

Terracon conducted a preliminary review using the U.S. Fish and Wildlife Service (USFWS) Information, Planning and Conservation System (IPaC) Endangered Species Act species list to identify species of concern determined by the activities proposed at the site. Based on a review of the website, the IPaC list indicates that there are 9 protected species that may occur in Snohomish County. Specifically, one amphibian species, the Oregon Spotted Frog; four bird species, the Marbled murrelet, the Northern Spotted Owl, the Streaked Horned Lark and the Yellow-Billed Cuckoo; one fish species, the Bull Trout; and two mammals, the Canada Lynx, the Gray Wolf and the Grizzly Bear were identified.

Terracon conducted a field visit in April 2015. Habitats for the species identified were compared to the habitat observed at the proposed tower site. The proposed tower site is located within a manicured lawn adjacent to an existing building. The location is in the vicinity of a developed commercial area. The Bull Trout, the Chinook Salmon, the Killer Whale, the Marbled Murrelet and the Northern Spotted Owl are listed with critical habitat in the vicinity of the project area, but the site is in a grass-covered lawn in a developed commercial area. After checking the critical habitat map through the IPaC system, none of the above mentioned species critical habitat is listed as occurring in the project area. The listed protected species and their suitable habitat were not observed on the site.

USFWS recommendations published in Interim Guidelines for Recommendations on Communication Tower Siting, Construction, Operation, and Decommissioning (2000) state the preferred tower height to decrease potential effects on migratory birds is less than 200 feet tall. Additional recommendations include consideration of collocation on an existing structure, elimination of guy-wires, siting within "existing antenna farms" outside of bird concentration areas, consideration on lighting effects, and the use of down shielded security lighting. Therefore, it has included mitigating factors such as consideration of collocation, limiting tower height to 100 feet, eliminating the need for guy wires, and the implementation of lighting per ASR requirements.

The site is located within the city limits of Snohomish. A review of the WDFW Priority Habitats Section (PHS) webpage indicated that no PHS features were identified at the site.

**Tower Site Evaluation**

SEA Bromart – New Build ■ Snohomish, Washington

May 20, 2015 ■ Terracon Project No. 81157045



Based on Terracon's analysis and reconnaissance, it is anticipated that the construction of the proposed telecommunications tower site will have no effect on listed or proposed protected species. Your confirmation of this, however, would be greatly appreciated.

A topographic site location map is included with this letter. In addition, we have included representative photographs of the proposed tower site and a Tower Site Evaluation Form for your use.

Please feel free to contact our office at 425-771-3304 if you need additional information. Thank you for your assistance with this project.

Sincerely,



Caitlin Price  
Staff Environmental Scientist

Jim Baxter, MFR  
Senior Ecologist

- Attachments:*
- Topographic Site Location Map*
  - Tower Site Evaluation Form*
  - Photographs*
  - Endangered Species Act Species List provided by IPaC*
  - Washington State Species of Concern*

*Please refer to Appendix A for Site Figures*



TOWER SITE USFWS EVALUATION FORM

1. Location (attach map) State: Washington County: Snohomish
Latitude/Longitude: 47-54-47.39 N/ 122-5-11.35 W Elevation: 71
City and Highway Direction: 402 Second Street

2. Will the equipment be co-located on an existing FCC Licensed tower or other existing structure (building, billboard, etc.)? No If yes, type of structure:

IF YES, NO FURTHER INFORMATION IS REQUIRED

If No, provide proposed specifications for new tower:
Height: 100-foot Construction type: monopole
Guy-wired? no Number of bands: N/A Total Number of wires: N/A
Lighting (Security & Aviation): Per ASR requirements.

IF TOWER WILL BE LIGHTED OR GUY-WIRED, COMPLETE ITEMS 3-18.
IF NOT, COMPLETE ONLY ITEMS 17 AND 18.

3. Area of tower footprint in acres or square feet:

4. Length and width of access road in feet:

5. General description of terrain, mountainous, roll ing hills, etc. (attach photographs):

6. Meteorological conditions (incidence of fog, low ceilings, etc.):

7. Soil type(s):

8. Habitat types and land use on and adjacent to the site
Type: 100%

9. Dominant vegetative species in each habitat type:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

10. Average diameter breast height of dominant tree species in forested areas: \_\_\_\_\_

11. Will construction cause fragmentation of a larger habitat into two or more smaller blocks? \_\_\_\_\_ If yes, describe: \_\_\_\_\_

12. Evidence of bird roosts or rookeries present? \_\_\_\_\_ If yes, describe: \_\_\_\_\_

13. Distance to nearest wetland area (swamp, marsh, riparian, marine, etc.), and coastline: \_\_\_\_\_

14. Distance to nearest telecommunications tower: \_\_\_\_\_

15. Potential to collocate antennas on existing towers or structures: \_\_\_\_\_

16. Have measures been incorporated to minimize impacts on migratory birds? \_\_\_\_\_  
If yes, describe: \_\_\_\_\_

17. Has an evaluation been made to determine if the proposed facility may affect listed or proposed endangered or threatened species or their habitats as required by FCC regulation at 47 CFR 1.1307(a)(3)? Yes If yes, present findings: \_\_\_\_\_  
No endangered or threatened species or critical habitats will be affected by the proposed project.

18. Additional information required: None

*Please refer to Appendix B for Site Photographs*

# My project

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## *IPaC Trust Resource Report*

Generated May 07, 2015 02:54 PM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

## NAME

My project

## PROJECT CODE

OOFTQ-XI675-G5XA7-EIR3V-I5YKBY

## LOCATION

Snohomish County, Washington

## DESCRIPTION

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

### Washington Fish And Wildlife Office

510 Desmond Drive Se, Suite 102

Lacey, WA 98503-1263

(360) 753-9440

## Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

### Amphibians

#### Oregon Spotted Frog

**Threatened**

## DESCRIPTION

No description available

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=D02A>

## CRITICAL HABITAT

There is **proposed** critical habitat designated for this species.

## Birds

### Marbled Murrelet U.S.A. (CA, OR, WA)

**Threatened**

#### DESCRIPTION

The marbled murrelet is a small, chubby seabird that has a very short neck. During the breeding season it has dark brown to blackish upperparts and a white belly and throat that are greatly mottled. During the winter the upperparts become grey, dark marks form on the sides of the breast and a white ring develops around the eye. Males and females are similar in appearance and size. Juveniles are similar to the adult winter plumage, but with dusky mottling on the underparts. Vocalisations include ...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B08C>

#### CRITICAL HABITAT

There is **final** critical habitat designated for this species.

### Northern Spotted Owl

**Threatened**

#### DESCRIPTION

The northern spotted owl is a medium-sized, dark brown owl with a barred tail, white spots on the head and breast, and dark brown eyes surrounded by prominent facial disks. Males and females have similar plumage, but females typically weigh 10 to 20 percent more than males.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B08B>

#### CRITICAL HABITAT

There is **final** critical habitat designated for this species.

### Streaked Horned Lark

**Threatened**

#### DESCRIPTION

The Streaked Horned Lark (*Eremophila alpestris strigata*) is a small, ground-dwelling songbird with conspicuous feather tufts, or "horns," on its head. Its back is heavily streaked with black, contrasting sharply with its deeply ruddy nape and yellow underparts.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0B3>

#### CRITICAL HABITAT

There is **final** critical habitat designated for this species.

### Yellow-billed Cuckoo Western U.S. DPS

**Threatened**

#### DESCRIPTION

Size: 31 cm (12 in) in length. Color: Brownish above and white below; with rusty colored flight feathers. The upper mandible of the bill is black and the lower mandible is yellow. The under side of the tail has pairs of large white spots.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B06R>

#### CRITICAL HABITAT

There is **proposed** critical habitat designated for this species.

# Conifers and Cycads

## Whitebark Pine

Candidate

### DESCRIPTION

No description available

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=R00E>

### CRITICAL HABITAT

**No critical habitat** has been designated for this species.

# Fishes

## Bull Trout U.S.A., conterminous, (lower 48 states)

Threatened

### DESCRIPTION

Bull trout (*Salvelinus confluentus*) are members of the family Salmonidae and are native to Washington, Oregon, Idaho, Nevada, Montana and western Canada. Compared to other salmonids, bull trout have more specific habitat requirements that appear to influence their distribution and abundance. They need cold water to survive, so they are seldom found in waters where temperatures exceed 59 to 64 degrees (F). They also require stable stream channels, clean spawning and rearing gravel, complex and ...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=E065>

### CRITICAL HABITAT

There is **final** critical habitat designated for this species.

## Dolly Varden

Proposed Similarity of Appearance (Threatened)

### DESCRIPTION

No description available

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=E09Z>

### CRITICAL HABITAT

**No critical habitat** has been designated for this species.

# Mammals

**Canada Lynx** U.S.A. (CO, ID, ME, MI, MN, MT, NH, NM, NY, OR, UT, VT, WA, WI, WY)

**Threatened**

## DESCRIPTION

The lynx is a medium-sized cat with long legs, large, well-furred paws, long tufts on the ears, and a short, black-tipped tail. The winter pelage of the lynx is dense and has a grizzled appearance with grayish-brown mixed with buff or pale brown fur on the back, and grayish-white or buff-white fur on the belly, legs and feet. Summer pelage of the lynx is more reddish to gray-brown. Adult males average 10 kilograms (22 pounds) in weight and 85 centimeters (33.5 inches) in length (head to tail)...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A073>

## CRITICAL HABITAT

There is **final** critical habitat designated for this species.

# Gray Wolf

**Proposed Endangered**

Western Distinct Population Segment U.S.A. (CA, ID, MT, NV, OR, WA, WY, UT north of U.S. Highway 50, and CO north of Interstate Highway 70, except where listed as an experimental population)

## DESCRIPTION

The Gray Wolf, being a keystone predator, is an integral component of the ecosystems to which it typically belongs. The wide range of habitats in which wolves can thrive reflects their adaptability as a species, and includes temperate forests, mountains, tundra, taiga, and grasslands. Gray wolves were originally listed as subspecies or as regional populations of subspecies in the contiguous United States and Mexico. In 1978, we reclassified the gray wolf as an endangered population at the spe...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A00D>

## CRITICAL HABITAT

**No critical habitat** has been designated for this species.

## Gray Wolf

**Endangered**

U.S.A.: All of AL, AR, CA, CO, CT, DE, FL, GA, KS, KY, LA, MA, MD, ME, MO, MS, NC, NE, NH, NJ, NV, NY, OK, PA, RI, SC, TN, TX, VA, VT and WV; and portions of AZ, IA, IN, IL, ND, NM, OH, OR, SD, UT, and WA as follows: (1) Northern AZ (that portion north of the centerline of Interstate Highway 40); (2) Southern IA, (that portion south of the centerline of Highway 80); (3) Most of IN (that portion south of the centerline of Highway 80); (4) Most of IL (that portion south of the centerline of Highway 80); (5) Western ND (that portion south and west of the Missouri River upstream to Lake Sakakawea and west of the centerline of Highway 83 from Lake Sakakawea to the Canadian border); (6) Northern NM (that portion north of the centerline of Interstate Highway 40); (7) Most of OH (that portion south of the centerline of Highway 80 and east of the Maumee River at Toledo); (8) Western OR (that portion of OR west of the centerline of Highway 395 and Highway 78 north of Burns Junction and that portion of OR west of the centerline of Highway 95 south of Burns Junction); (9) Western SD (that portion south and west of the Missouri River); (10) Most of Utah (that portion of UT south and west of the centerline of Highway 84 and that portion of UT south of Highway 80 from Echo to the UT/WY Stateline); and (11) Western WA (that portion of WA west of the centerline of Highway 97 and Highway 17 north of Mesa and that portion of WA west of the centerline of Highway 395 south of Mesa). Mexico.

### DESCRIPTION

The Gray Wolf, being a keystone predator, is an integral component of the ecosystems to which it typically belongs. The wide range of habitats in which wolves can thrive reflects their adaptability as a species, and includes temperate forests, mountains, tundra, taiga, and grasslands. Gray wolves were originally listed as subspecies or as regional populations of subspecies in the contiguous United States and Mexico. In 1978, we reclassified the gray wolf as an endangered population at the spe...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A00D>

### CRITICAL HABITAT

**No critical habitat** has been designated for this species.

## Grizzly Bear

**Threatened**

U.S.A., conterminous (lower 48) States, except where listed as an experimental population or delisted

### DESCRIPTION

Grizzly Bears reach weights of 180-680 kg (400-1,500 lb); the male is on average 1.8 times as heavy as the female, an example of sexual dimorphism. Their coloring ranges widely across geographic areas, from blond to deep brown or black. These differences, once attributed to subspeciation, are now thought to be primarily due to the different environments these bears inhabit, particularly with regard to diet and temperature. The Grizzly has a large hump over the shoulders which is a muscle mass...

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A001>

### CRITICAL HABITAT

**No critical habitat** has been designated for this species.

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

### **Final designated Bull Trout Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=E065#crithab>

### **Final designated Chinook Salmon Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=E06D#crithab>

### **Final designated Killer Whale Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A01L#crithab>

### **Final designated Marbled Murrelet Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B08C#crithab>

### **Final designated Northern Spotted Owl Critical Habitat**

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B08B#crithab>

# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

## Bald Eagle

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Year-round

### DESCRIPTION

A large raptor, the bald eagle has a wingspread of about 7 feet. Adults have a dark brown body and wings, white head and tail, and a yellow beak. Juveniles are mostly brown with white mottling on the body, tail, and undersides of wings. Adult plumage usually is obtained by the 6th year. In flight, the bald eagle often soars or glides with the wings held at a right angle to the body.

## Black Swift

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Brewer's Sparrow

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

The Brewers Sparrow is a small sparrow of about 12-15 cm in length. Its distinguishing features include a notched tail, conical bill, a finely streaked brown crown, and a defined white eye ring. The underside of the Brewers Sparrow is dullish white and gray in color, while the rest of the plumage is brown intermingled with black streaks. The Brewers Sparrow has a distinctive song consisting of a series of buzzes and trills (Rotenberry et al. 1999). <p>Life History information provided for ...

## Calliope Hummingbird

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Caspian Tern

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Cassin's Finch

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Year-round

DESCRIPTION

No description available

## Eared Grebe

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Flammulated Owl

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Fox Sparrow

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Fox Sparrow

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Year-round

DESCRIPTION

No description available

## Lewis's Woodpecker

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Long-billed Curlew

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

The Long-billed Curlew is a very large shorebird of about 50-65 cm in length. Its distinctive features include a very long bill (11-22 cm) and long legs. Its plumage is a rich pale brown color intermingled with cinnamon and pink. Its flight feathers are a contrasting orange-brown color. Female and male plumage is similar, but females are slightly larger with a longer bill. Juveniles have similar, but slightly different coloring than adults, including less distinct streaking on their undersides, ...

## Olive-sided Flycatcher

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Peregrine Falcon

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Year-round

### DESCRIPTION

No description available

## Peregrine Falcon

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Pink-footed Shearwater

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Year-round

### DESCRIPTION

No description available

## Purple Finch

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Year-round

DESCRIPTION

No description available

## Purple Finch

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Wintering

DESCRIPTION

No description available

## Rufous Hummingbird

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Sage Thrasher

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Breeding

DESCRIPTION

No description available

## Short-billed Dowitcher

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Wintering

DESCRIPTION

No description available

## Short-eared Owl

This is a **bird of conservation concern** and has the highest priority for conservation

SEASON

Year-round

DESCRIPTION

The short-eared owl is an owl of about 0.7 to 0.8 lbs with females slightly larger in size than males. Plumage is brown, buff, white and rust colors. Patches of brown and buff occur mostly on the back side, while the underside is colored more lightly, being mostly white. Females and males have similar plumage. Some distinguishing characteristics of this owl are its gray white fascial disk, and black coloring around yellow eyes. Juveniles have similar plumage to adults, but upper parts and head a...

## Swainson's Hawk

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

Swainsons Hawks are broad-winged Buteos of between 48 and 56 cm in length with females slightly larger than males. Males and females have similar plumage. Swainsons Hawks are polymorphic with pale, light and intermediate morph plumage ranging from dark to light or rufous in color. Most Swainsons Hawks have a sharp contrast between the wing linings and flight feathers. However, some of the darkest Swainsons Hawks do not have this distinction. Swainsons Hawks are distinguishable from other Bu...

## White Headed Woodpecker

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Year-round

### DESCRIPTION

No description available

## Williamson's Sapsucker

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Willow Flycatcher

This is a **bird of conservation concern** and has the highest priority for conservation

### SEASON

Breeding

### DESCRIPTION

No description available

## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.

## Washington State Species of Concern Lists

### Species of Concern in Washington State

Include those species listed as State Endangered, State Threatened, State Sensitive, or State Candidate, as well as species listed or proposed for listing by the U.S. Fish and Wildlife Service or the National Marine Fisheries Service.

Does not include [State Monitored Species](#)

Common Name	Scientific Name	Animal Type	Species Status		Mapping Criteria
			State	Federal	
<a href="#">American white pelican</a> <a href="#">Annual Report</a>	<i>Pelecanus erythrorhynchos</i>	Bird	SE	none	B,RSC
<a href="#">Bald eagle</a> 🦅 <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Haliaeetus leucocephalus</i>	Bird	SS	FCo	B,RSC,CR
<a href="#">Beller's ground beetle</a>	<i>Agonum belleri</i>	Other Insect	SC	none	IO
<a href="#">Black Rockfish</a>	<i>Sebastes melanops</i>	Fish	SC	none	IO
<a href="#">Black-backed woodpecker</a> <a href="#">Annual Report</a>	<i>Picoides arcticus</i>	Bird	SC	none	B,RI
<a href="#">Black-tailed jackrabbit</a> <a href="#">Annual Report</a>	<i>Lepus californicus</i>	Mammal	SC	none	IO
<a href="#">Blue whale</a> <a href="#">Annual Report</a>	<i>Balaenoptera musculus</i>	Mammal	SE	FE	IO
<a href="#">Bluegray Taildropper</a>	<i>Prophysaon coeruleum</i>	Mollusk	SC	none	none
<a href="#">Bocaccio rockfish</a>	<i>Sebastes paucispinis</i>	Fish	SC	FE	IO
<a href="#">Bog idol leaf beetle</a>	<i>Donacia idola</i>	Other Insect	SC	none	IO
<a href="#">Brandt's cormorant</a>	<i>Phalacrocorax penicillatus</i>	Bird	SC	none	B
<a href="#">Brown pelican</a> <a href="#">Annual Report</a>	<i>Pelecanus occidentalis</i>	Bird	SE	FCo	RSC
<a href="#">Brown rockfish</a>	<i>Sebastes auriculatus</i>	Fish	SC	none	IO
<a href="#">Bull Trout</a>	<i>Salvelinus confluentus</i>	Fish	SC	FT	none
<a href="#">Burrowing owl</a> 🦉 <a href="#">Annual Report</a>	<i>Athene cunicularia</i>	Bird	SC	none	B
<a href="#">California floater</a>	<i>Anodonta californiensis</i>	Mollusk	SC	none	IO
<a href="#">California mountain kingsnake</a>	<i>Lampropeltis zonata</i>	Reptile	SC	none	IO
<a href="#">Canary Rockfish</a>	<i>Sebastes pinniger</i>	Fish	SC	FT	IO
<a href="#">Cascade red fox</a> <a href="#">Annual Report</a>	<i>Vulpes vulpes cascadenis</i>	Mammal	SC	none	none
<a href="#">Cascade torrent salamander</a>	<i>Rhyacotriton cascadae</i>	Amphibian	SC	none	IO
<a href="#">Cassin's auklet</a>	<i>Ptychoramphus aleuticus</i>	Bird	SC	none	B
<a href="#">Cathlamet Pocket Gopher - Mazama</a>	<i>Thomomys mazama louiei</i>	Mammal	ST	FCo	IO
<a href="#">China Rockfish</a>	<i>Sebastes nebulosus</i>	Fish	SC	none	none
<a href="#">Chinook salmon (Lower Columbia)</a>	<i>Oncorhynchus tshawytscha</i>	Fish	SC	FT	none
<a href="#">Chinook salmon (Puget Sound)</a>	<i>Oncorhynchus tshawytscha</i>	Fish	SC	FT	none
<a href="#">Chinook salmon (Snake R. Fall)</a>	<i>Oncorhynchus tshawytscha</i>	Fish	SC	FT	none
<a href="#">Chinook salmon (Snake R. Sp/Su)</a>	<i>Oncorhynchus tshawytscha</i>	Fish	SC	FT	none
<a href="#">Chinook salmon (Upper Columbia Sp)</a>	<i>Oncorhynchus tshawytscha</i>	Fish	SC	FE	none
<a href="#">Chinquapin hairstreak</a>	<i>Habrodais grunus herri</i>	Butterfly/Moth	SC	none	IO
<a href="#">Chum salmon (Hood Canal Su)</a> <a href="#">Recovery Plan</a>	<i>Oncorhynchus keta</i>	Fish	SC	FT	none
<a href="#">Chum salmon (Lower Columbia)</a>	<i>Oncorhynchus keta</i>	Fish	SC	FT	none
<a href="#">Clark's grebe</a> <a href="#">Annual Report</a>	<i>Aechmophorus clarkii</i>	Bird	SC	none	B
<a href="#">Coho salmon (Lower Columbia/SW WA)</a>	<i>Oncorhynchus kisutch</i>	Fish	none	FT	none
<a href="#">Columbia clubtail (dragonfly)</a>	<i>Gomphus lynnae</i>	Other Insect	SC	none	IO
<a href="#">Columbia oregonian</a>	<i>Cryptomastix hendersoni</i>	Mollusk	SC	none	IO
<a href="#">Columbia pebblesnail</a>	<i>Fluminicola columbiana</i>	Mollusk	SC	none	IO
<a href="#">Columbia River tiger beetle</a>	<i>Cicindela columbica</i>	Other Insect	SC	none	IO
<a href="#">Columbia spotted frog</a>	<i>Rana luteiventris</i>	Amphibian	SC	none	IO
<a href="#">Columbian Sharp-tailed Grouse</a> <a href="#">Annual Report</a> <a href="#">Status Report</a> <a href="#">Recovery Plan</a>	<i>Tympanuchus phasianellus</i>	Bird	ST	none	B,RSC
<a href="#">Columbian white-tailed deer</a> <a href="#">Annual Report</a>	<i>Odocoileus virginianus leucurus</i>	Mammal	SE	FE	IO
<a href="#">Common loon</a> 🦶 <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Gavia immer</i>	Bird	SS	none	B
<a href="#">Common murre</a>	<i>Uria aalge</i>	Bird	SC	none	B,RC
<a href="#">Common Sharp-tailed snake</a>	<i>Contia tenuis</i>	Reptile	SC	none	IO
<a href="#">Copper Rockfish</a>	<i>Sebastes caurinus</i>	Fish	SC	none	IO
<a href="#">Dalle's Sideband</a>	<i>Monadenia fidelis minor</i>	Mollusk	SC	none	IO
<a href="#">Dunn's salamander</a>	<i>Plethodon dunnii</i>	Amphibian	SC	none	IO
<a href="#">Eulachon</a>	<i>Thaleichthys pacificus</i>	Fish	SC	FT	RC
<a href="#">Ferruginous hawk</a> <a href="#">Annual Report</a> <a href="#">Recovery Plan</a>	<i>Buteo regalis</i>	Bird	ST	none	B

<a href="#">Fin whale</a> <a href="#">Annual Report</a>	<i>Balaenoptera physalus</i>	Mammal	SE	FE	IO
<a href="#">Fisher</a> * <a href="#">Annual Report</a> <a href="#">Status Report</a> <a href="#">Recovery Plan</a>	<i>Martes pennanti</i>	Mammal	SE	FC	IO
<a href="#">Flammulated owl</a> <a href="#">Annual Report</a>	<i>Otus flammeolus</i>	Bird	SC	none	B,RI
<a href="#">Giant Columbia River limpet</a>	<i>Fisherola nuttalli</i>	Mollusk	SC	none	IO
<a href="#">Giant Palouse earthworm</a> <a href="#">Annual Report</a>	<i>Driloleirus americanus</i>	Annelid	SC	none	IO
<a href="#">Golden eagle</a> * <a href="#">Annual Report</a>	<i>Aquila chrysaetos</i>	Bird	SC	none	B
<a href="#">Gray whale</a> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Eschrichtius robustus</i>	Mammal	SS	none	IO
<a href="#">Gray wolf</a> * <a href="#">Annual Report</a>	<i>Canis lupus</i>	Mammal	SE	FE	IO
<a href="#">Gray-tailed vole</a>	<i>Microtus canicaudus</i>	Mammal	SC	none	IO
<a href="#">Great arctic</a>	<i>Oeneis nevadensis gigas</i>	Butterfly/Moth	SC	FCo	IO
<a href="#">Greater Sage-grouse</a> <a href="#">Annual Report</a> <a href="#">Status Report</a> <a href="#">Recovery Plan</a>	<i>Centrocercus urophasianus</i>	Bird	ST	FC	B,RSC
<a href="#">Green sea turtle</a> <a href="#">Annual Report</a>	<i>Chelonia mydas</i>	Reptile	ST	FT	IO
<a href="#">Green Sturgeon</a>	<i>Acipenser medirostris</i>	Fish	none	FT	IO
<a href="#">Greenstriped Rockfish</a>	<i>Sebastes elongatus</i>	Fish	SC	none	IO
<a href="#">Grizzly bear</a> <a href="#">Annual Report</a>	<i>Ursus arctos</i>	Mammal	SE	FT	IO
<a href="#">Harbor porpoise</a>	<i>Phocoena phocoena</i>	Mammal	SC	none	RSC
<a href="#">Hatch's click beetle</a>	<i>Eanus hatchi</i>	Other Insect	SC	none	IO
<a href="#">Humpback whale</a> <a href="#">Annual Report</a>	<i>Megaptera novaeangliae</i>	Mammal	SE	FE	IO
<a href="#">Island Marble</a> * <a href="#">Annual Report</a>	<i>Euchloe ausonides</i>	Butterfly/Moth	SC	FCo	none
<a href="#">Johnson's hairstreak</a>	<i>Mitoura johnsoni</i>	Butterfly/Moth	SC	none	IO
<a href="#">Juniper hairstreak</a>	<i>Mitoura grynea barryi</i>	Butterfly/Moth	SC	none	IO
<a href="#">Keen's myotis</a> <a href="#">Annual Report</a>	<i>Myotis keenii</i>	Mammal	SC	none	B,IO
<a href="#">Killer whale</a> * <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Orcinus orca</i>	Mammal	SE	FE	IO
<a href="#">Lake Chub</a>	<i>Couesius plumbeus</i>	Fish	SC	none	IO
<a href="#">Larch Mountain salamander</a> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Plethodon larselli</i>	Amphibian	SS	none	IO
<a href="#">Leatherback sea turtle</a> <a href="#">Annual Report</a>	<i>Dermochelys coriacea</i>	Reptile	SE	FE	IO
<a href="#">Leopard dace</a>	<i>Rhinichthys falcatus</i>	Fish	SC	none	IO
<a href="#">Leschi's Millipede</a>	<i>Leschius mcallisteri</i>	Arthropod	SC	none	none
<a href="#">Lewis' woodpecker</a>	<i>Melanerpes lewis</i>	Bird	SC	none	B
<a href="#">Loggerhead sea turtle</a> <a href="#">Annual Report</a>	<i>Caretta caretta</i>	Reptile	ST	FE	IO
<a href="#">Loggerhead shrike</a> <a href="#">Annual Report</a>	<i>Lanius ludovicianus</i>	Bird	SC	none	B
<a href="#">Lynx</a> <a href="#">Annual Report</a> <a href="#">Status Report</a> <a href="#">Recovery Plan</a>	<i>Lynx canadensis</i>	Mammal	ST	FT	IO
<a href="#">Makah copper</a>	<i>Lycaena mariposa charlottensis</i>	Butterfly/Moth	SC	none	none
<a href="#">Mann's Mollusk-eating Ground Beetle</a>	<i>Scaphinotus manni</i>	Other Insect	SC	none	IO
<a href="#">Marbled murrelet</a> * <a href="#">Annual Report</a>	<i>Brachyramphus marmoratus</i>	Bird	ST	FT	B
<a href="#">Mardon skipper</a> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Polites mardon</i>	Butterfly/Moth	SE	FCo	IO
<a href="#">Margined sculpin</a> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Cottus marginatus</i>	Fish	SS	none	IO
<a href="#">Mazama (Western) pocket gopher</a> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Thomomys mazama</i>	Mammal	ST	none	IO
<a href="#">Merriam's shrew</a>	<i>Sorex merriami</i>	Mammal	SC	none	IO
<a href="#">Mountain Sucker</a>	<i>Catostomus platyrhynchus</i>	Fish	SC	none	IO
<a href="#">Northern abalone</a>	<i>Haliotis kamtschatkana</i>	Mollusk	SC	none	IO
<a href="#">Northern goshawk</a>	<i>Accipiter gentilis</i>	Bird	SC	FCo	B
<a href="#">Northern leopard frog</a> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Rana pipiens</i>	Amphibian	SE	none	IO
<a href="#">Northern Sea otter</a>	<i>Enhydra lutris</i>	Mammal	SE	FCo	B,RI,RSC
<a href="#">Northern Spotted Owl</a> <a href="#">Annual Report</a>	<i>Strix occidentalis</i>	Bird	SE	FT	IO
<a href="#">Olympia oyster</a>	<i>Ostrea lurida</i>	Mollusk	SC	none	none
<a href="#">Olympia Pocket Gopher - Mazama</a>	<i>Thomomys mazama pugetensis</i>	Mammal	ST	FT	none
<a href="#">Olympic marmot</a> <a href="#">Annual Report</a>	<i>Marmota olympus</i>	Mammal	SC	none	IO
<a href="#">Olympic mudminnow</a> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Novumbra hubbsi</i>	Fish	SS	none	IO
<a href="#">Olympic Pocket Gopher - Mazama</a>	<i>Thomomys mazama melanops</i>	Mammal	ST	FCo	IO
<a href="#">Oregon silverspot butterfly</a> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Speyeria zerene hippolyta</i>	Butterfly/Moth	SE	FT	IO

<b>Oregon spotted frog</b> <a href="#">Annual Report</a> <a href="#">Status Report</a> <a href="#">Recovery Plan</a>	<i>Rana pretiosa</i>	Amphibian	SE	FPT	IO
<b>Oregon vesper sparrow</b> <a href="#">Annual Report</a>	<i>Poocetes gramineus affinis</i>	Bird	SC	none	B
<b>Pacific clubtail</b>	<i>Gomphus kurlilis</i>	Other Insect	SC	none	IO
<b>Pacific cod (S&amp;C Puget Sound)</b>	<i>Gadus macrocephalus</i>	Fish	SC	FCo	IO
<b>Pacific hake (Pacific-Georgia Basin DPS)</b>	<i>Merluccius productus</i>	Fish	SC	FCo	IO
<b>Pacific Herring</b>	<i>Clupea pallasii</i>	Fish	SC	none	none
<b>Peregrine falcon</b> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Falco peregrinus</i>	Bird	SS	FCo	B,RI
<b>Pileated woodpecker</b>	<i>Dryocopus pileatus</i>	Bird	SC	none	B
<b>Poplar oregonian</b>	<i>Cryptomastix populi</i>	Mollusk	SC	none	IO
<b>Preble's shrew</b>	<i>Sorex preblei</i>	Mammal	SC	none	IO
<b>Puget blue</b>	<i>plebejus icarioides blackmorei</i>	Butterfly/Moth	SC	none	none
<b>Purple martin</b>	<i>Progne subis</i>	Bird	SC	none	B
<b>Pygmy rabbit</b> * <a href="#">Annual Report</a> <a href="#">Status Report</a> <a href="#">Recovery Plan</a>	<i>Brachylagus idahoensis</i>	Mammal	SE	FE	none
<b>Pygmy Whitefish</b> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Prosopium coulteri</i>	Fish	SS	none	IO
<b>Quillback Rockfish</b>	<i>Sebastes maliger</i>	Fish	SC	none	IO
<b>Redstripe Rockfish</b>	<i>Sebastes proriger</i>	Fish	SC	none	IO
<b>River lamprey</b>	<i>Lampetra ayresi</i>	Fish	SC	FCo	IO
<b>Rocky Mountain Tailed Frog</b>	<i>Ascaphus montanus</i>	Amphibian	SC	none	IO
<b>Roy Prairie Pocket Gopher - Mazama</b>	<i>Thomomys mazama glacialis</i>	Mammal	ST	FT	none
<b>Sage thrasher</b>	<i>Oreoscoptes montanus</i>	Bird	SC	none	B
<b>Sagebrush lizard</b>	<i>Sceloporus graciosus</i>	Reptile	SC	none	IO
<b>Sagebrush Sparrow</b>	<i>Artemisiospiza nevadensis</i>	Bird	SC	none	none
<b>Sand-verbena moth</b>	<i>Copablepharon fuscum</i>	Butterfly/Moth	SC	none	IO
<b>Sandhill crane</b> <a href="#">Annual Report</a> <a href="#">Recovery Plan</a>	<i>Grus canadensis</i>	Bird	SE	none	B,RLC
<b>Shelton pocket gopher - Mazama</b>	<i>Thomomys mazama couchi</i>	Mammal	ST	FCo	IO
<b>Shepard's parnassian</b>	<i>Parnassius clodius shepardii</i>	Butterfly/Moth	SC	none	IO
<b>Silver-bordered fritillary</b>	<i>Boloria selene atrocotalis</i>	Butterfly/Moth	SC	none	none
<b>Slender-billed white-breasted nuthatch</b> <a href="#">Annual Report</a>	<i>Sitta carolinensis aculeata</i>	Bird	SC	none	IO
<b>Snowy plover</b> * <a href="#">Annual Report</a>	<i>Charadrius nivosus</i>	Bird	SE	FT	none
<b>Sockeye salmon (Ozette Lake)</b>	<i>Oncorhynchus nerka</i>	Fish	SC	FT	none
<b>Sockeye salmon (Snake R.)</b>	<i>Oncorhynchus nerka</i>	Fish	SC	FE	none
<b>Sperm whale</b> <a href="#">Annual Report</a>	<i>Physeter macrocephalus</i>	Mammal	SE	FE	IO
<b>Steelhead (Lower Columbia)</b>	<i>Oncorhynchus mykiss</i>	Fish	SC	FT	none
<b>Steelhead (Middle Columbia)</b>	<i>Oncorhynchus mykiss</i>	Fish	SC	FT	none
<b>Steelhead (Puget Sound)</b>	<i>Oncorhynchus mykiss</i>	Fish	none	FT	none
<b>Steelhead (Snake River)</b>	<i>Oncorhynchus mykiss</i>	Fish	SC	FT	none
<b>Steelhead (Upper Columbia)</b>	<i>Oncorhynchus mykiss</i>	Fish	SC	FT	none
<b>Steller sea lion</b> * <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Eumetopias jubatus</i>	Mammal	ST	FCo	RSC
<b>Streaked horned lark</b> <a href="#">Annual Report</a> <a href="#">Status Report</a> <a href="#">Recovery Plan</a>	<i>Eremophila alpestris strigata</i>	Bird	SE	FT	B
<b>Striped whipsnake</b> <a href="#">Annual Report</a>	<i>Masticophis taeniatus</i>	Reptile	SC	none	IO
<b>Taylor's checkerspot</b> <a href="#">Annual Report</a> <a href="#">Status Report</a>	<i>Euphydryas editha taylori</i>	Butterfly/Moth	SE	FE	IO
<b>Tenino Pocket Gopher - Mazama</b>	<i>Thomomys mazama tumuli</i>	Mammal	ST	FT	none
<b>Tiger Rockfish</b>	<i>Sebastes nigrocinctus</i>	Fish	SC	none	IO
<b>Townsend's big-eared bat</b> <a href="#">Annual Report</a> <a href="#">Recovery Plan</a>	<i>Corynorhinus townsendii</i>	Mammal	SC	none	B,CR
<b>Townsend's ground squirrel</b> <a href="#">Annual Report</a>	<i>Urocitellus townsendii townsendii</i>	Mammal	SC	none	none
<b>Tufted puffin</b> * <a href="#">Annual Report</a>	<i>Fratercula cirrhata</i>	Bird	SC	none	RLC
<b>Umatilla dace</b>	<i>Rhinichthys umatilla</i>	Fish	SC	none	IO
<b>Upland sandpiper</b> <a href="#">Annual Report</a>	<i>Bartramia longicauda</i>	Bird	SE	none	B,RI
<b>Valley silverspot</b>	<i>Speyeria zerene bremnerii</i>	Butterfly/Moth	SC	none	IO
<b>Van Dyke's salamander</b>	<i>Plethodon vandykei</i>	Amphibian	SC	none	IO
<b>Vaux's swift</b> * <a href="#">Annual Report</a>	<i>Chaetura vauxi</i>	Bird	SC	none	B,CR
<b>Walleye pollock (So. Puget Sound)</b>	<i>Theragra chalcogramma</i>	Fish	SC	FCo	IO
<b>Washington ground squirrel</b> <a href="#">Annual Report</a>	<i>Urocitellus washingtoni</i>	Mammal	SC	FC	none
<b>Western gray squirrel</b> * <a href="#">Annual Report</a> <a href="#">Status Report</a> <a href="#">Recovery Plan</a>	<i>Sciurus griseus</i>	Mammal	ST	none	IO
<b>Western grebe</b> <a href="#">Annual Report</a>	<i>Aechmophorus occidentalis</i>	Bird	SC	none	B
	<i>Actinemys marmorata</i>	Reptile	SE	none	none

**Western pond turtle**

[Annual Report](#) [Status Report](#) [Recovery Plan](#)

<b>Western toad</b>	<i>Anaxyrus boreas</i>	Amphibian	SC	none	none
<b>White-headed woodpecker</b> <a href="#">Annual Report</a>	<i>Picoides albolarvatus</i>	Bird	SC	none	B,RI
<b>White-tailed jackrabbit</b> <a href="#">Annual Report</a>	<i>Lepus townsendii</i>	Mammal	SC	none	IO
<b>Widow Rockfish</b>	<i>Sebastes entomelas</i>	Fish	SC	none	IO
<b>Wolverine</b> <a href="#">Annual Report</a>	<i>Gulo gulo</i>	Mammal	SC	FC	IO
<b>Woodland caribou</b> <a href="#">Annual Report</a>	<i>Rangifer tarandus</i>	Mammal	SE	FE	IO
<b>Yellow-billed cuckoo</b> <a href="#">Annual Report</a>	<i>Coccyzus americanus</i>	Bird	SC	FPT	B,RI
<b>Yelloweye rockfish</b>	<i>Sebastes ruberrimus</i>	Fish	SC	FT	IO
<b>Yellowtail Rockfish</b>	<i>Sebastes flavidus</i>	Fish	SC	none	IO
<b>Yelm Pocket Gopher - Mazama</b>	<i>Thomomys mazama yelmensis</i>	Mammal	ST	FT	IO
<b>Yuma skipper</b>	<i>Ochlodes yuma</i>	Butterfly/Moth	SC	none	IO

Price, Caitlin J

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From: Folkerts, Keith E (DFW) <Keith.Folkerts@dfw.wa.gov>  
Sent: Monday, June 1, 2015 8:47 AM  
To: Price, Caitlin J  
Subject: Proposed Cell Towers in Washington

Dear Caitlin:

Thank you for voluntarily requesting a review by the Washington Department of Fish and Wildlife (WDFW) of potential impacts to protected species, critical habitat, and species of concern resulting from proposed construction of four cell towers throughout Washington State. We appreciate your proactive initiative to avoid impacts to Washington's fish and wildlife.

From your submittals we see you have for each project:

1. Conducted a preliminary review using PHS on the Web.
2. Conducted a preliminary review using the U.S. Fish and Wildlife Service (USFWS) Information, Planning, and Conservation System (IPAC).
3. Conducted a field visit by a qualified field staff.
4. Designed the proposed cell tower consistent with the USFWS' 2000 Interim Guidelines for Communication Towers.
5. Arrived at a preliminary conclusion that each project will have "no effect" on listed or proposed protected species.

We concur with your preliminary conclusions for the six projects listed below.

Name	Terracon Proj Nr	County	Height	In UGA?	Nearest PHS
OLY Hunts Grade	81157014	Thurston	135	Yes	Townsend Bat 0.5 mi
SEA Backman	81157027	Snohomish	150	No	Spotted owl mgmt buffer 0.2 mi
WA1 Regatta	81157015	Island	77	Yes	0.4 mi., wetland
BRE Ridgetop	81157033	Kitsap	110	Yes	0.4 mi., wetland
SEA Bromart	81157045	Snohomish	100	Yes	Salmonids, 0.13 mi
OLY Budd Inlet	81157046	Thurston	155	No	Corridor, 0.4 mi; Wetland 0.25 mi

Regarding the revision of WA2 Engh/81147136 by moving it a distance of 14': we continue to concur with your preliminary conclusions.

We continue to review four recent submittals in Clark, Okanogan (2), and Skagit counties.

In general we prefer cell towers which are located within incorporated areas/UGAs and which avoid PHS species and habitats; such proposals are easier for us to concur with.

Thanks again for your efforts to protect Washington's fish and wildlife resources. If you have any questions regarding this, please contact me at (360) 902-2390 or keith.folkerts@dfw.wa.gov.

Sincerely,

Keith Folkerts

Keith Folkerts | Washington Department of Fish and Wildlife  
Priority Habitats and Species Section Manager | Land Use Policy Lead  
Office (360) 902-2390 | Cell (360) 628-6757



June 3, 2015

Department of Archaeology and Historic Preservation  
State Historic Preservation Office  
1110 Capitol Way South, Suite 30  
Olympia, WA 98504-8343

Attention: Mr. Greg Griffith, Deputy State Historic Preservation Officer

**RE: Cultural Resources Review/Section 106 Review  
Proposed 100-foot Monopole  
Applicant Name: Verizon Wireless  
Site Name: SEA Bromart – New Build  
402 Second Street  
Snohomish, Snohomish County, Washington 98290  
Terracon Project Number: 81157045**

Dear Mr. Griffith:

On behalf of Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless), Terracon is requesting a review of potential impacts to historic properties that may result from the proposed construction of a 100-foot monopole telecommunications tower at the above referenced location. Federal Communications Commission's (FCC) regulations require that Verizon Wireless consider the effects of the proposed tower on historic properties. Your response is sought in compliance with Section 106 of the National Historic Preservation Act (NHPA). Enclosed is the NT Submission Packet – FCC Form 620 and appropriate attachments.

Terracon is submitting this letter, on behalf of Verizon Wireless, to seek a letter of no effect and to comply with Federal Communications Commission (FCC) requirements as identified in 47CFR Ch. I §1.1307. Your comments are also being requested pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's regulation for compliance with Section 106, codified at 36 CFR Part 800. Your confirmation on this matter would be greatly appreciated.

Thank you for your prompt consideration of this matter. If you wish to respond, I may be reached at [mywheaton@terracon.com](mailto:mywheaton@terracon.com). If you have any questions, please do not hesitate to call the Terracon office at 425-771-3304.

Sincerely,  
**Terracon Consultants, Inc.**

Matt Wheaton, L.G., E.I.T.  
Department Manager

Attachments: NT Submission Packet – FCC Form 620 and appropriate attachments

Terracon Consultants, Inc. 21905 64<sup>th</sup> Avenue West, Suite 100 Mountlake Terrace, Washington 98043  
P [425] 771-3304 F [425] 771-3549 [www.terracon.com](http://www.terracon.com)

Notification Date: **7AM EST 06/04/2015**

**New Tower ("NT") Submission Packet**

See instructions for  
public burden estimates

File Number: **0006827699**

**General Information**

1) (Select only one) ( <b>NE</b> ) <b>NE</b> – New <b>UA</b> – Update of Application <b>WD</b> – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

**Applicant Information**

3) FCC Registration Number (FRN): <b>0012845343</b>
4) Name: <b>Verizon Wireless</b>

**Contact Name**

5) First Name: <b>Robin</b>	6) MI:	7) Last Name: <b>Haeffner</b>	8) Suffix:
9) Title: <b>VZW-HQ - NEPA Regulatory Compliance</b>			

**Contact Information**

10) P.O. Box:	And /Or	11) Street Address: <b>6 Campus Circle Suite 500</b>	
12) City: <b>Westlake</b>		13) State: <b>TX</b>	14) Zip Code: <b>76272</b>
15) Telephone Number: <b>(501)529-5377</b>		16) Fax Number:	
17) E-mail Address: <b>npa@verizonwireless.com</b>			

**Consultant Information**

18) FCC Registration Number (FRN): <b>0016067662</b>
19) Name: <b>Terracon Consultants, Inc.</b>

**Principal Investigator**

20) First Name: <b>Richard</b>	21) MI: <b>T</b>	22) Last Name: <b>Baker</b>	23) Suffix:
24) Title: <b>Archaeologist/Principal Investigator</b>			

**Principal Investigator Contact Information**

25) P.O. Box:	And /Or	26) Street Address: <b>4103 SE International Way, Suite 300</b>	
27) City: <b>Portland</b>		28) State: <b>OR</b>	29) Zip Code: <b>97222</b>
30) Telephone Number: <b>(503)659-3281</b>		31) Fax Number:	
32) E-mail Address: <b>rtbaker@terracon.com</b>			

**Professional Qualification**

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	( <input checked="" type="checkbox"/> ) <u>Y</u> es ( <input type="checkbox"/> ) <u>N</u> o
34) Areas of Professional Qualification: ( <input checked="" type="checkbox"/> ) Archaeologist ( <input type="checkbox"/> ) Architectural Historian ( <input type="checkbox"/> ) Historian ( <input type="checkbox"/> ) Architect ( <input type="checkbox"/> ) Other (Specify) _____	

**Additional Staff**

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	( <input checked="" type="checkbox"/> ) <u>Y</u> es ( <input type="checkbox"/> ) <u>N</u> o
--	---

If "YES," complete the following:

36) First Name: <b>Nancy</b>	37) MI:	38) Last Name: <b>McReynolds</b>	39) Suffix:
40) Title: <b>Senior Architectural Historian</b>			
41) Areas of Professional Qualification: ( <input type="checkbox"/> ) Archaeologist ( <input checked="" type="checkbox"/> ) Architectural Historian ( <input type="checkbox"/> ) Historian ( <input type="checkbox"/> ) Architect ( <input type="checkbox"/> ) Other (Specify) _____			

## Site Information

### Tower Construction Notification System

1) TCNS Notification Number: **124925**

### Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: ( ) Yes ( **X** ) No

3) Site Name: **SEA Bromart - New Build**

4) Site Address: **402 Second Street**

5) Detailed Description of Project:

6) City: **Snohomish**

7) State: **WA**

8) Zip Code: **98290**

9) County/Borough/Parish: **SNOHOMISH**

10) Nearest Crossroads: **2nd Street and Pine Avenue**

11) NAD 83 Latitude (DD-MM-SS.S): **47-54-47.3**

( **X** ) N or ( ) S

12) NAD 83 Longitude (DD-MM-SS.S): **122-05-11.3**

( ) E or ( **X** ) W

### Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **30.5** \_\_\_\_\_ ( ) Feet ( **X** ) Meters

14) Tower Type (Select One):

( ) Guyed lattice tower

( ) Self-supporting lattice

( **X** ) Monopole

( ) Other (Describe):

### Project Status

15) Current Project Status (Select One):

( **X** ) Construction has not yet commenced

( ) Construction has commenced, but is not completed

Construction commenced on: \_\_\_\_\_

( ) Construction has been completed

Construction commenced on: \_\_\_\_\_

Construction completed on: \_\_\_\_\_

**Determination of Effect**

14) Direct Effects (Select One):

- No Historic Properties in Area of Potential Effects (APE)
- No Effect on Historic Properties in APE
- No Adverse Effect on Historic Properties in APE
- Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- No Historic Properties in Area of Potential Effects (APE)
- No Effect on Historic Properties in APE
- No Adverse Effect on Historic Properties in APE
- Adverse Effect on one or more Historic Properties in APE

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	<input checked="" type="checkbox"/> Yes (    ) <input type="checkbox"/> No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>124925</u>	Number of Tribes/NHOs: <u>8</u>
2b) Tribes/NHOs contacted through an alternate system:	Number of Tribes/NHOs: <u>0</u>

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Eastern Shoshone Tribe</b>

#### Contact Name

5) First Name: <b>Wilfred</b>	6) MI:	7) Last Name: <b>Ferris</b>	8) Suffix: <b>III</b>
9) Title: <b>THPO</b>			

#### Dates & Response

10) Date Contacted <u>04/02/2015</u>	11) Date Replied <u>06/02/2015</u>
<input type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input checked="" type="checkbox"/> Replied/Other	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Muckleshoot Indian Tribe</b>

#### Contact Name

5) First Name: <b>Laura</b>	6) MI:	7) Last Name: <b>Murphy</b>	8) Suffix:
9) Title: <b>Tribal Archaeologist</b>			

#### Dates & Response

10) Date Contacted <u>04/01/2015</u>	11) Date Replied <u>04/09/2015</u>
<input type="checkbox"/> No Reply	
<input checked="" type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input type="checkbox"/> Replied/Other	

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	<input checked="" type="checkbox"/> Yes (    ) <input type="checkbox"/> No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>124925</u> Number of Tribes/NHOs: <u>8</u>	
2b) Tribes/NHOs contacted through an alternate system:    Number of Tribes/NHOs: <u>0</u>	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Sauk Suiattle Indian Tribe</b>

#### Contact Name

5) First Name: <b>Gloria</b>	6) MI:	7) Last Name: <b>Green</b>	8) Suffix:
9) Title: <b>Chairwoman</b>			

#### Dates & Response

10) Date Contacted <u>04/02/2015</u>	11) Date Replied _____
<input checked="" type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input type="checkbox"/> Replied/Other	

#### Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Snoqualmie Tribe</b>

#### Contact Name

5) First Name: <b>Steven</b>	6) MI:	7) Last Name: <b>Mullen Moses</b>	8) Suffix:
9) Title: <b>Director of Archaeology &amp; Histroic Pres.</b>			

#### Dates & Response

10) Date Contacted <u>04/01/2015</u>	11) Date Replied _____
<input checked="" type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input type="checkbox"/> Replied/Other	

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	( <input checked="" type="checkbox"/> ) <u>Yes</u> ( <input type="checkbox"/> ) <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>124925</u>	Number of Tribes/NHOs: <u>8</u>
2b) Tribes/NHOs contacted through an alternate system:	Number of Tribes/NHOs: <u>0</u>

#### Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Stillaguamish Tribe</b>

#### Contact Name

5) First Name: <b>Shawn</b>	6) MI: <b>E</b>	7) Last Name: <b>Yanity</b>	8) Suffix:
9) Title: <b>Chairman</b>			

#### Dates & Response

10) Date Contacted <u>04/02/2015</u>	11) Date Replied <u>05/22/2015</u>
( <input type="checkbox"/> ) No Reply	
( <input type="checkbox"/> ) Replied/No Interest	
( <input type="checkbox"/> ) Replied/Have Interest	
( <input checked="" type="checkbox"/> ) Replied/Other	

#### Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Suquamish Tribe</b>

#### Contact Name

5) First Name: <b>Dennis</b>	6) MI: <b>E</b>	7) Last Name: <b>Lewarch</b>	8) Suffix:
9) Title: <b>Archaeologist</b>			

#### Dates & Response

10) Date Contacted <u>04/02/2015</u>	11) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
( <input type="checkbox"/> ) Replied/No Interest	
( <input type="checkbox"/> ) Replied/Have Interest	
( <input type="checkbox"/> ) Replied/Other	

### Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>124925</u> Number of Tribes/NHOs: <u>8</u>	
2b) Tribes/NHOs contacted through an alternate system:    Number of Tribes/NHOs: <u>0</u>	

**Tribe/NHO Contacted Through TCNS**

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Tulalip Tribes of the Tulalip Reservation</b>

**Contact Name**

5) First Name: <b>Richard</b>	6) MI:	7) Last Name: <b>Young</b>	8) Suffix:
9) Title: <b>Tribal Cultural Preservation Officer</b>			

**Dates & Response**

10) Date Contacted <u>04/02/2015</u>	11) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
(    ) Replied/No Interest	
(    ) Replied/Have Interest	
(    ) Replied/Other	

**Tribe/NHO Contacted Through TCNS**

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <b>Yakama Nation</b>

**Contact Name**

5) First Name: <b>JoDe</b>	6) MI: <b>L</b>	7) Last Name: <b>Goudy</b>	8) Suffix:
9) Title: <b>Chairman</b>			

**Dates & Response**

10) Date Contacted <u>04/02/2015</u>	11) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
(    ) Replied/No Interest	
(    ) Replied/Have Interest	
(    ) Replied/Other	

## Other Tribes/NHOs Contacted

### Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

### Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

### Contact Information

8) P.O. Box:	<b>And /Or</b>	9) Street Address:
10) City:	11) State:	12) Zip Code:
13) Telephone Number:	14) Fax Number:	
15) E-mail Address:		
16) Preferred means of communication:  (    ) E-mail  (    ) Letter  (    ) Both		

### Dates & Response

17) Date Contacted _____	18) Date Replied _____
(    ) No Reply  (    ) Replied/No Interest  (    ) Replied/Have Interest  (    ) Replied/Other	

## Historic Properties

### Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>

### Historic Property

4) Property Name: <b>City Hall</b>
5) SHPO Site Number:

### Property Address

6) Street Address: <b>116 Union Avenue</b>		
7) City: <b>Snohomish</b>	8) State: <b>WA</b>	9) Zip Code: <b>98290</b>
10) County/Borough/Parish: <b>SNOHOMISH</b>		

### Status & Eligibility

11) Is this property listed on the National Register?  Source: _____	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>
12) Is this property eligible for listing on the National Register?  Source: <u>Washington DAHP</u>	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
13) Is this property a National Historic Landmark?	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>

14) Direct Effects (Select One):  <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One):  <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

## Historic Properties

### Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>

### Historic Property

4) Property Name: <b>House</b>
5) SHPO Site Number:

### Property Address

6) Street Address: <b>222 Avenue A</b>		
7) City: <b>Snohomish</b>	8) State: <b>WA</b>	9) Zip Code: <b>98290</b>
10) County/Borough/Parish: <b>SNOHOMISH</b>		

### Status & Eligibility

11) Is this property listed on the National Register?  Source: _____	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>
12) Is this property eligible for listing on the National Register?  Source: <u>Washington DAHP</u>	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
13) Is this property a National Historic Landmark?	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>

14) Direct Effects (Select One):  <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One):  <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

## Historic Properties

### Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>

### Historic Property

4) Property Name: <b>Snohomish City Historic District</b>
5) SHPO Site Number:

### Property Address

6) Street Address: <b>Multiple</b>		
7) City: <b>Snohomish</b>	8) State: <b>WA</b>	9) Zip Code: <b>98290</b>
10) County/Borough/Parish: <b>SNOHOMISH</b>		

### Status & Eligibility

11) Is this property listed on the National Register?  Source: <u>Washington DAHP</u>	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
12) Is this property eligible for listing on the National Register?  Source: <u>Washington DAHP</u>	( <input checked="" type="checkbox"/> ) <u>Yes</u> (    ) <u>No</u>
13) Is this property a National Historic Landmark?	(    ) <u>Yes</u> ( <input checked="" type="checkbox"/> ) <u>No</u>

14) Direct Effects (Select One):  <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One):  <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

## Local Government Involvement

### Local Government Agency

1) FCC Registration Number (FRN):
2) Name: <b>Snohomish County</b>

### Contact Name

3) First Name: <b>Wendy</b>	4) MI:	5) Last Name: <b>Becker</b>	6) Suffix:
7) Title:			

### Contact Information

8) P.O. Box:	And /Or	9) Street Address: <b>3000 Rockefeller Avenue, M/S #411</b>	
10) City: <b>Everett</b>		11) State: <b>WA</b>	12) Zip Code: <b>98201-4046</b>
13) Telephone Number: <b>(425)388-3186</b>		14) Fax Number:	
15) E-mail Address: <b>wendy.becker@co.snohomish.wa.us</b>			
16) Preferred means of communication: <input type="checkbox"/> E-mail <input checked="" type="checkbox"/> Letter <input type="checkbox"/> Both			

### Dates & Response

17) Date Contacted <b>04/16/2015</b>	18) Date Replied _____
<input checked="" type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input type="checkbox"/> Replied/Other	

### Additional Information

19) Information on local government's role or interest (optional):
--

## Local Government Involvement

### Local Government Agency

1) FCC Registration Number (FRN):
2) Name: <b>City of Snohomish Planning Department</b>

### Contact Name

3) First Name: <b>Owen</b>	4) MI:	5) Last Name: <b>Dennison</b>	6) Suffix:
7) Title: <b>Planning Director</b>			

### Contact Information

8) P.O. Box:	And /Or	9) Street Address: <b>116 Union Avenue</b>	
10) City: <b>Snohomish</b>		11) State: <b>WA</b>	12) Zip Code: <b>98290-2943</b>
13) Telephone Number: <b>(360)282-3173</b>		14) Fax Number:	
15) E-mail Address: <b>dennison@snohomish.wa.gov</b>			
16) Preferred means of communication: <input type="checkbox"/> E-mail <input checked="" type="checkbox"/> Letter <input type="checkbox"/> Both			

### Dates & Response

17) Date Contacted <b>04/16/2015</b>	18) Date Replied _____
<input checked="" type="checkbox"/> No Reply	
<input type="checkbox"/> Replied/No Interest	
<input type="checkbox"/> Replied/Have Interest	
<input type="checkbox"/> Replied/Other	

### Additional Information

19) Information on local government's role or interest (optional):
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### Other Consulting Parties

#### Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	( <input checked="" type="checkbox"/> ) <u>Yes</u> ( <input type="checkbox"/> ) <u>No</u>
--	---

#### Consulting Party

2) FCC Registration Number (FRN):
3) Name: <b>Snohomish Historical Society</b>

#### Contact Name

4) First Name: <b>Christopher</b>	5) MI:	6) Last Name: <b>Gee</b>	7) Suffix:
8) Title: <b>President</b>			

#### Contact Information

9) P.O. Box: <b>174</b>	And /Or	10) Street Address:	
11) City: <b>Snohomish</b>		12) State: <b>WA</b>	13) Zip Code: <b>98291-0174</b>
14) Telephone Number: <b>(425)315-2256</b>		15) Fax Number:	
16) E-mail Address: <b>chrstphrgee@juno.com</b>			
17) Preferred means of communication: ( <input type="checkbox"/> ) E-mail ( <input checked="" type="checkbox"/> ) Letter ( <input type="checkbox"/> ) Both			

#### Dates & Response

18) Date Contacted <b>06/01/2015</b>	19) Date Replied _____
( <input checked="" type="checkbox"/> ) No Reply	
( <input type="checkbox"/> ) Replied/No Interest	
( <input type="checkbox"/> ) Replied/Have Interest	
( <input type="checkbox"/> ) Replied/Other	

#### Additional Information

20) Information on other consulting parties' role or interest (optional):
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### Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

#### SHPO/THPO

Name: Washington State Department of Archaeology and Historic Preservation

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: \_\_\_\_\_

SHPO/THPO Name: \_\_\_\_\_

SHPO/THPO Name: \_\_\_\_\_

### Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

#### Party Authorized to Sign

First Name: **Richard**

MI: **T**

Last Name: **Baker**

Suffix:

Signature: **Richard T Baker**

Date: **06/03/2015**

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.**

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

# R. TODD BAKER, M.A., RPA

## ARCHAEOLOGIST/PRINCIPAL INVESTIGATOR

### PROFESSIONAL EXPERIENCE

Mr. Baker is a cultural resources specialist. He has more than 20 years of archaeological experience and more than 12 years as a field director. He is responsible for assessing the effects of projects on prehistoric and historic archaeological resources. Most projects have been completed to meet the compliance regulations of Section 106 of the National Historic Preservation Act. He has extensive knowledge of State and Federal laws protecting cultural resources under the National Historic Preservation Act (NHPA), National Environmental Policy Act (NEPA), Archaeological Resources Protection Act (ARPA), and Native American Graves Protection and Repatriation Act (NAGPRA) and has extensive experience writing NEPA reports for telecommunications sites in Oregon, Washington, Alaska, and Montana, which comply with the ESA and NHPA.

Mr. Baker's work experience has allowed him to acquire knowledge in prehistoric and historic archaeology. He has worked on many archaeological inventories and data recovery projects throughout the Willamette Valley, Columbia Plateau, and Oregon Coastal regions, as well as throughout the state of Washington; Mr. Baker has also worked in the West, Southwest, Midwest, and Alaska. States worked in include, Indiana, Kentucky, Illinois, Iowa, California, Oregon, Washington, Idaho, Montana, Alaska, Arizona, and Texas. Mr. Baker has experience in survey design, construction monitoring, pedestrian surface surveys, subsurface investigations, data recovery, faunal and human osteological analysis, and site evaluations. In addition to his fieldwork and management experience, Mr. Baker is skilled in conducting archival research and technical report writing. Additionally, Mr. Baker also has extensive experience in archaeological laboratory techniques, multivariate data analysis, and faunal and human osteological analyst.

Mr. Baker also has extensive archaeological monitoring experience. He has conducted construction monitoring for several projects related to the Northwest Pipeline Corporation's Capacity Replacement Project in Oregon and Washington, monitoring for the Sacagawea Heritage Trail and Lowering of Levee 12-1 for the City of Pasco Sacagawea Heritage Trail Project in Franklin County, Washington, and conducted monitoring at hazardous waste sites such as the Soil-Bentonite Barrier Wall Construction at the McCormick and Baxter Creosoting Company Location. Mr. Baker also participated in the recovery of human remains from coastal sites for the Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians.

Mr. Baker has conducted cultural resource surveys for a variety of clients and agencies, including the National Park Service, the U.S. Forest Service, the Bureau of Land Management, Oregon State Parks, the Bureau of Reclamation, the U.S. Army Corps of Engineers, the U.S. Environmental Protection Agency, the Department of Defense, local municipal governments, and various private clients. Recently, he managed and conducted the cultural resource inventories and evaluations for the Highway 58 Bridge Replacement Project, Northwest Pipeline Corporation's Capacity Replacement Project, the Brookings Airport

### Education

- M.A., Anthropology, Northern Arizona University; Flagstaff, Arizona, 1994
- B.S., Anthropology, Indiana State University; Terre Haute, Indiana, 1991
- Section 106 Compliance: An Introduction to Professional Practice Under Section 106 of the National Historic Preservation Act, SWCA, Portland, Oregon, 2007
- Project Management Bootcamp, PSMJ Resources, Inc., and SWCA Environmental Consultants, Phoenix, Arizona, 2007
- Section 106 of the National Historic Preservation Act, SRI Foundation, Portland, Oregon, 2005
- Hazardous Waste Operations and Emergency Response 8-Hour Refresher, Region X OSHA Training Institute Education Center, Seattle, Washington, 2004-2011, and Terracon 2012-2013.
- Hazardous Waste Operations and Emergency Response, OSHA 1910.120 (40-hour Training Course), Marine and Environmental Testing, Inc., Gresham, Oregon, 2002
- Introduction to Section 106 Review, University of Nevada-Reno, Heritage Resources Management Program, Portland, Oregon, 2002

### Registrations

Register of Professional Archaeologists

### Certifications

- Advanced Open Water Diver, PADI, 1995
- Certified Open Water Diver, Professional Association of Diving Instructors (PADI), 1995
- Meets Secretary of Interior's Professional Qualification Standards for Archaeology

Expansion Project, and data recovery excavations for the Ladd Marsh Project (a joint project with the Confederated Tribes of the Umatilla Indian Reservation Cultural Resource Protection Program).

## PROJECT WORK EXPERIENCE

### SWCA Environmental Consultants – Portland, Oregon

Project Manager/Archaeologist/Faunal Analyst. Duties include excavation, survey, monitoring, artifact analysis, faunal analysis, budget management, and client coordination. Writing responsibilities include preparation of proposals, budgets, archaeological permits with Oregon SHPO, reports, and other technical documents. Project procedures and budgetary restraints maintained and established, and ensure tasks are completed within budget and on time. Burial work and osteological analysis conducted for several Tribes in the Pacific Northwest.

### Archaeological Investigations Northwest Incorporated – Portland, Oregon

Field director for excavations and surveys. Supervises, directs, and instructs field personnel. Duties include excavation, survey, monitoring, artifact analysis, faunal analysis, budget management, and client coordination. Writing responsibilities include preparation of proposals, and reports. Burial work and osteological analysis conducted for several Tribes in the Pacific Northwest. Role: Supervising Archaeologist / Faunal Analyst

### Brian F. Smith and Associates – Poway, California

Served as crew chief and director for excavations and surveys. Duties included excavation, survey, monitoring, report preparation, artifact analysis, and faunal analysis. From 1987-2000 as a paleontological monitor, performed paleontological excavations, specimen preparation, general laboratory work, and cooperative archaeological/ paleontological monitoring. Role: Associate Archaeologist / Faunal Analyst / Paleontological Monitor.

### Northern Arizona University – Flagstaff, Arizona

Duties included faunal analysis for Animas-La Plata Project, preparation of faunal collections, computer input of data for taxonomic lists, and help in preparation of laboratory manual for Faunal Laboratory. Role: Half-time Graduate Assistant.

### Kinlani Archaeology, Cultural Resource Consultants – Flagstaff, Arizona

Served as crew chief on excavations, director on small surveys, processed artifacts, prepared reports, and performed data entry. Role: Archaeologist.

### Indiana State University, Anthropology Laboratory – Terre Haute, Indiana

Curated artifacts, analyzed lithic, faunal, and ceramic materials, and prepared drafts and reports. As a field technician, participated in over 100 cultural resource management surveys in Indiana, and excavation of the Bluegrass Site in Elberfeld, Indiana. Role: Archaeological Laboratory / Field Technician.

### Affiliations

*Lambda Alpha Anthropology Honor Society, 1989–present*

*Wabash Valley Archaeological Society, 1988–present*

*Alpha Kappa Lambda, Beta Pi Chapter, Alumni Member*

### Work History

*Terracon Consultants, Inc., Archaeologist, 2011–Present*

*SWCA Environmental Consultants 2007–2011*

*Archaeological Investigations Northwest Incorporated 2000–2007*

*Brian F. Smith and Associates 1994–2000*

*Northern Arizona University 1992–1993*

*Kinlani Archaeology 1991–1993*

*Indiana State University, Anthropology Laboratory 1988–1991*

## **SELECTED PROJECT EXPERIENCE**

### **Cultural Resource Survey for the Proposed Edmonds Community Health Center Project, Edmonds, Snohomish County, Washington.**

Conducted a Phase I cultural resource survey. The project included a review of Washington Department of Archaeology and Historic Preservation (DAHP) archaeological and historical records, field investigations, including shovel testing, evaluation of archaeological sites if encountered, and the preparation of a report that meets the guidelines established by the Secretary of the Interior and the Washington DAHP.

### **Archaeological Monitoring of the Removal of a Gravel Pad from Site 45KL689, White Salmon, Washington.**

Conducted archaeological monitoring of the removal of a gravel pad from an existing archaeological site, site 45KL689. The project included a review of Washington Department of Archaeology and Historic Preservation (DAHP) archaeological and historical records, field investigations, including monitoring of ground disturbing activity, evaluation and identification of archaeological materials encountered, and the preparation of a report that meets the guidelines established by the Secretary of the Interior and the Washington DAHP.

### **Cultural Resource Survey of the Proposed Western Meat Processors, Inc. Project, Klickitat County, Washington.**

Conducted a Phase I cultural resource survey. The project included a review of Washington Department of Archaeology and Historic Preservation (DAHP) archaeological and historical records, field investigations, including shovel testing, evaluation of archaeological sites if encountered, and the preparation of a report that meets the guidelines established by the Secretary of the Interior and the Washington DAHP.

### **Maryhill State Park Archaeological Monitoring.**

Conducted archaeological monitoring of park improvements, including replacement of sprinkler systems and construction of a new boat dock. The project included a review of Washington Department of Archaeology and Historic Preservation (DAHP) archaeological and historical records, field investigations, including monitoring of ground disturbing activity, evaluation and identification of archaeological materials encountered, and the preparation of a report that meets the guidelines established by the Secretary of the Interior and the Washington DAHP.

### **Archaeological Testing and Evaluation of the Keechelus Construction Camp Site, Safety of Dams Modification Project, Kittitas County, Washington.**

Conducted subsurface testing and evaluation of several archaeological sites for proposed dam improvements. All of the sites were long term camp sites, "tent cities", and mercantile buildings established for original dam construction activities. The project included a review of Washington Department of Archaeology and Historic Preservation (DAHP) archaeological and historical records, field investigations, including subsurface testing and evaluation of archaeological site, and identification and recordation of archaeological artifacts, and the preparation of a report that meets the guidelines established by the Secretary of the Interior and the Washington DAHP.

### **Cultural Resource Survey and Archaeological Testing for the Proposed Rush Road Extension Project, Lewis County, Washington.**

Conducted a Phase I cultural resource survey and subsequent subsurface testing and evaluation of archaeological sites for the proposed extension of Rush Road. The project included a review of Washington

Department of Archaeology and Historic Preservation (DAHP) archaeological and historical records, field investigations, including subsurface testing and evaluation of archaeological site, and identification and recordation of archaeological artifacts, and the preparation of a report that meets the guidelines established by the Secretary of the Interior and the Washington DAHP. The project included a review of Washington Department of Archaeology and Historic Preservation (DAHP) archaeological and historical records, field investigations, including shovel testing, evaluation of archaeological sites if encountered, and the preparation of a report that meets the guidelines established by the Secretary of the Interior and the Washington DAHP.

**Cultural Resource Survey of the Circle T Ranch Pit Project, The Dalles, Oregon.**

Conducted a Phase I cultural resource survey for proposed rock and gravel pit excavation for material extraction for the Mid-Columbia Asphalt Company. The project included a review of Washington Department of Archaeology and Historic Preservation (DAHP) archaeological and historical records, field investigations, including shovel testing, evaluation of archaeological sites if encountered, and the preparation of a report that meets the guidelines established by the Secretary of the Interior and the Washington DAHP.

**Archaeological Survey of the City of Kennewick Levee 5D Lowering Project, Benton County, Washington.**

Conducted a Phase I cultural resource survey and historic structure survey for proposed lowering of the 5D Levee along the Columbia River. The project included a review of Washington Department of Archaeology and Historic Preservation (DAHP) archaeological and historical records, field investigations, including shovel testing, evaluation of archaeological sites and historic structures if encountered, and the preparation of a report that meets the guidelines established by the Secretary of the Interior and the Washington DAHP.

# NANCY E-K MCREYNOLDS, M.H.P.

## PROFESSIONAL EXPERIENCE

Ms. McReynolds is the senior architectural historian in Terracon's Atlanta, office with over eight years of professional experience. Her responsibilities include identification of historic structures, assessment of effects on National Register eligible resources, photographic documentation, deed and archival research, and conducting technical assistance meetings with the various State Historic Preservation Offices (SHPO) when the need arises. Other experience includes National Environmental Policy Act (NEPA) reviews, cultural resource studies, and Environmental Site Assessments (ESA) associated with commercial, multi-family and telecommunication tower properties throughout the southeastern U.S.

As a key member of Terracon's Telecommunications Department, Ms. McReynolds effectively produces concise, accurate and beneficial reports, allowing clients to proceed with projects in a timely and cost-effective manner. Her familiarity with legal compliance procedures and experience with Section 106 reports in relation to various State Historic Preservation Officers (SHPO) and Tribal Historic Preservation Officers (THPO) enables clients to efficiently plan and successfully manage projects from inception to completion.

## SELECTED PROJECT EXPERIENCE

### Georgia Department of Transportation Environmental Studies: History

Conducted field assessment to identify historic resources within a project area and determine project effects upon historic resources. Responsible for the Historic Structures Report and the Assessment of Effects report. Performed tax map and deed research, archival and genealogy research, in addition to conducting oral interviews.

### National Environmental Policy Act (NEPA) Reviews

Conducted numerous NEPA reviews for telecommunications sites in Georgia, Alabama, Florida, Tennessee, South Carolina and North Dakota including completion of FCC Form 620/621, historic resource surveys, tribal coordination, US Fish and Wildlife Service (USFWS) Section 7 consultations, and assessment for the presence of wetlands, floodplains, and federal lands.

### Completion and Submittal of HUD Documents

Compiled findings and made recommendations for the proposed construction site to complete an environmental document for the U.S. Department of Housing and Urban Development. Conducted field assessment of project effects upon NRHP and state surveyed resources within the viewshed of the proposed building construction. Submitted findings to the Georgia HPD as a supplemental to the form HUD-4128.

### Historic Structure Survey

Performed architectural surveys following Section 106 guidelines. Documented and assessed all historic resources located within the designated survey areas. Project duties included historic integrity assessment, mapping, National Register eligibility determination, photographic documentation, as well as architectural evaluation. Surveyed resources in the state of Georgia entered into the Georgia Historic Preservation Division's Natural, Architectural & Historic Resources GIS online database, GNAHRGIS.

## Education

*Bachelor of Science, 2002,  
University of Georgia, Athens*

*Master of Historic Preservation,  
2005, University of Georgia, Athens*

## Seminars, Workshops

*Federal & State Tax Incentive  
Workshop 2006*

*Beyond Compliance: Historic  
Preservation in project Development  
2008*

*Georgia Department of  
Transportation: Plan Development  
Process 2009*

*Section 4(f) Compliance for Historic  
Preservation 2009*

*Section 106: An Introduction 2010*

*The Section 106 Advanced Seminar  
2010*

*Identification & Management of  
Traditional Cultural Places 2010*

*Environmental Impacts Analysis:  
Understanding Indirect &  
Cumulative Effects 2011*

*Identification & Evaluation of Mid-  
20<sup>th</sup> Century Buildings 2011*

## Affiliations

*Member of FindIT Steering  
Committee 2004-2009*

*Member of Ranch House Focus  
Group 2007-2008*

*National Trust for Historic  
Preservation*

*Georgia Trust for Historic  
Preservation*

*Friends of Drayton Hall*

## Work History

*Terracon, Architectural Historian,  
2004-present*

*University of Georgia, FindIT, Field  
Surveyor 2003-2004*

*Please refer to Appendix A for Site Figures*

*Please refer to Appendix A for Site Plans*

Spencer, Julie A

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From: towernotifyinfo@fcc.gov  
Sent: Friday, April 03, 2015 12:02 AM  
To: Wheaton, Matthew Y.  
Cc: Jonathan.Jonas@fcc.gov; diane.dupert@fcc.gov  
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER  
CONSTRUCTION NOTIFICATION INFORMATION - Email ID #4157839

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribal Nations and NHOs. If a Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. THPO Wilfred Ferris III - Eastern Shoshone Tribe - Fort Washakie, WY - electronic mail and regular mail  
Details: The Eastern Shoshone Tribe requires an aerial photo, a topo map, and a street map for each proposed site. Please e-mail to: wjferrisiii@yahoo.com. Thank you!  
Sincerely,  
Wilfred J. Ferris, III, THPO  
Eastern Shoshone Tribe

2. Tribal Archaeologist Laura Murphy - Muckleshoot Indian Tribe - Auburn, WA - electronic mail  
Details: The Muckleshoot Tribe requests that a street map be provided with each TCNS notification. The Muckleshoot Tribe is only interested in reviewing proposed sites in King, Pierce and Snohomish Counties in the State of Washington.

3. Chairwoman Gloria Green - Sauk Suiattle Indian Tribe - Darrington, WA - electronic mail and regular mail  
Details: If the Applicant/tower builder receives no response from the Sauk-Suiattle Indian Tribe within 30 days after notification through TCNS, the Sauk-Suiattle Indian Tribe has no interest in participating in pre- construction review for the proposed site. The Applicant/tower builder, however, must notify the Sauk-Suiattle Indian Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

4. Chairman Shawn E Yanity - Stillaguamish Tribe - Arlington, WA - electronic mail and regular mail

5. Archaeologist Dennis E Lewarch - Suquamish Tribe - Suquamish, WA - electronic mail and regular mail

6. Tribal Cultural Preservation Officer Richard Young - Tulalip Tribes of the Tulalip Reservation - Tulalip, WA - electronic mail and regular mail

7. Chairman JoDe L Goudy - Yakama Nation - Toppenish, WA - electronic mail and regular mail  
Details: If the Applicant/tower builder receives no response from the Yakama Nation within 30 days after notification through TCNS, the Yakama Nation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must IMMEDIATELY notify the Yakama Nation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

8. Director of Archaeology & Historic Pres. Steven Mullen Moses - Snoqualmie Tribe - Snoqualmie, WA - electronic mail

If the applicant/tower builder receives no response from the Snoqualmie Tribe within 30 days after notification through TCNS, the Snoqualmie Tribe has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Snoqualmie Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

9. SHPO Allyson Brooks - Office of Archeology & Historic Preservation - Olympia, WA - electronic mail

10. Deputy SHPO Greg Griffith - Office of Archeology & Historic Preservation - Olympia, WA - electronic mail

11. Greg A Griffith - Washington State Department of Archaeology and Historic Preservation - Olympia, WA - electronic mail

"Exclusions" above set forth language provided by the Tribal Nation or SHPO. These exclusions may indicate types of PTC wayside pole notifications that the Tribal Nation or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. Exclusions may also set forth policies or procedures of a particular Tribal Nation or SHPO (for example, types of information that a Tribal Nation routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 03/25/2015  
Notification ID: 124925  
Tower Owner Individual or Entity Name: Verizon Wireless  
Consultant Name: Matt Y Wheaton  
Street Address: 21905 64th Avenue West  
Suite 100  
City: Mountlake Terrace  
State: WASHINGTON  
Zip Code: 98043  
Phone: 425-771-3304  
Email: mywheaton@terracon.com

Structure Type: MTOWER - Monopole  
Latitude: 47 deg 54 min 47.3 sec N  
Longitude: 122 deg 5 min 11.3 sec W  
Location Description: 402 Second Street  
City: Snohomish  
State: WASHINGTON  
County: SNOHOMISH  
Detailed Description of Project:  
Ground Elevation: 21.6 meters  
Support Structure: 30.5 meters above ground level  
Overall Structure: 30.5 meters above ground level  
Overall Height AMSL: 52.1 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,  
Federal Communications Commission

April 16, 2015

Ms. Wendy Becker  
Snohomish County  
3000 Rockefeller Avenue, M/S #411  
Everett, WA 98201-4046

P: 425-388-3186  
E: [wendy.becker@co.snohomish.wa.us](mailto:wendy.becker@co.snohomish.wa.us)

RE: Invitation to Comment as a Consulting Party on a Proposed Telecommunications Tower

Site Name:	SEA Bromart – New Build
EnSite/Site Number:	24376
Terracon Project Number:	81157045
Address:	402 Second Street
City, County, State:	Snohomish, Snohomish County, Washington 98290
Lat/Long:	Latitude: 47° 54' 47.39" N/Longitude: 122° 5' 11.35" W
Proposed Lease Area:	750 square feet
Proposed Tower Height:	100 feet
Tower Type:	Monopole
TCNS Number:	124925

Dear Ms. Becker:

On behalf of Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless), Terracon is writing to invite your comment on the effect of the above-referenced project on **historic resources** within the project's Area of Potential Effects (APE). We are requesting your review pursuant to Section 106 of the National Historic Preservation Act, the Advisory Council on Historic Preservation's regulation for compliance with Section 106, and the Nationwide Programmatic Agreement on the Collocation of Wireless Antennas (adopted March 16, 2001), and the Nationwide Programmatic Agreement effective March 7, 2005.

Field assessment for both historic properties and archaeological sites will be conducted and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. **We welcome your comments regarding the effect of the tower on historic resources that may be eligible for the National Register of Historic Places.**

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, you may contact Caitlin Price, at [cjprice@terracon.com](mailto:cjprice@terracon.com) and 425-771-3304.

Sincerely,



Caitlin Price  
Staff Environmental Scientist

Attachment: *Project Location Map with APE*



April 16, 2015

Mr. Owen Dennison, Planning Director  
City of Snohomish  
116 Union Avenue  
Snohomish, WA 98290-2943

P: 360-282-3173  
E: [dennison@snohomishwa.gov](mailto:dennison@snohomishwa.gov)

RE: Invitation to Comment as a Consulting Party on a Proposed Telecommunications Tower

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EnSite/Site Number:	24376
Terracon Project Number:	81157045
Address:	402 Second Street
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Lat/Long:	Latitude: 47° 54' 47.39" N/Longitude: 122° 5' 11.35" W
Proposed Lease Area:	750 square feet
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TCNS Number:	124925

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Sincerely,



Caitlin Price  
Staff Environmental Scientist

Attachment: *Project Location Map with APE*

June 1, 2015

Mr. Christopher Gee, President  
Snohomish Historical Society  
P.O. Box 174  
Snohomish, WA 98291-0174

P: 425-315-2256  
E: [chrstphrgee@juno.com](mailto:chrstphrgee@juno.com)

RE: Invitation to Comment as a Consulting Party on a Proposed Telecommunications Tower

Site Name:	SEA Bromart – New Build
EnSite/Site Number:	24376
Terracon Project Number:	81157045
Address:	402 Second Street
City, County, State:	Snohomish, Snohomish County, Washington 98290
Lat/Long:	Latitude: 47° 54' 47.39" N/Longitude: 122° 5' 11.35" W
Proposed Lease Area:	750 square feet
Proposed Tower Height:	100 feet
Tower Type:	Monopole
TCNS Number:	124925

Dear Mr. Gee:

On behalf of Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless), Terracon is writing to invite your comment on the effect of the above-referenced project on **historic resources** within the project's Area of Potential Effects (APE). We are requesting your review pursuant to Section 106 of the National Historic Preservation Act, the Advisory Council on Historic Preservation's regulation for compliance with Section 106, and the Nationwide Programmatic Agreement on the Collocation of Wireless Antennas (adopted March 16, 2001), and the Nationwide Programmatic Agreement effective March 7, 2005.

Field assessment for both historic properties and archaeological sites will be conducted and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register. **We welcome your comments regarding the effect of the tower on historic resources that may be eligible for the National Register of Historic Places.**

If you would like to comment, please respond to this letter within 30 days of its receipt. Thank you for your response on this matter. If you have any questions, please do not hesitate to call. If you wish to respond by email, you may contact Caitlin Price, at [cjprice@terracon.com](mailto:cjprice@terracon.com) and 425-771-3304.

Sincerely,



Caitlin Price  
Staff Environmental Scientist

Attachment: Project Location Map with APE

RECEIVED  
APR 03 2015

BY:.....

### Legal Notice

**PUBLIC NOTICE:** Celco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) proposes to build a 100-foot Monopole Telecommunications Tower. Anticipated lighting application is medium intensity dual red/white strobes. The site location is 402 Second Street, Snohomish, Snohomish County, WA 98290 (47° 54' 47.39" North and 122° 5' 11.35" West). The Federal Communications Commission (FCC) Antenna Structure Registration (ASR, Form 854) filing number is A0939311.

**ENVIRONMENTAL EFFECTS** - Interested persons may review the application ([www.fcc.gov/asr/applications](http://www.fcc.gov/asr/applications)) by entering the filing number. Environmental concerns may be raised by filing a Request for Environmental Review ([www.fcc.gov/asr/environmentalrequest](http://www.fcc.gov/asr/environmentalrequest)) and online filings are strongly encouraged. The mailing address to file a paper copy is: FCC Requests for Environmental Review, Attn: Ramon Williams, 445 12th Street SW, Washington, DC 20554. **HISTORIC PROPERTIES EFFECTS** - Public comments regarding potential effects on historic properties may be submitted within 30 days from the date of this publication to: Matt Wheaton, Terracon, 21905 64th Ave. W, Suite 100, Mountlake Terrace, WA 98043; 425-771-3304; [m.wheaton@terracon.com](mailto:m.wheaton@terracon.com).  
Published April 1, 2015  
E9973

## AFFIDAVIT OF PUBLICATION

STATE OF WASHINGTON

ss.

COUNTY OF SNOHOMISH

Eileen Sykes

being first duly sworn on oath deposes and says that she is the principal clerk of The Tribune, a weekly newspaper. That said newspaper has been approved as a legal newspaper by order of the Superior Court of Snohomish County, and it is now and has been for more than six months prior to the date of the publication hereinafter referred to published in the English language continually as a weekly newspaper in Snohomish, Snohomish County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of said newspaper.

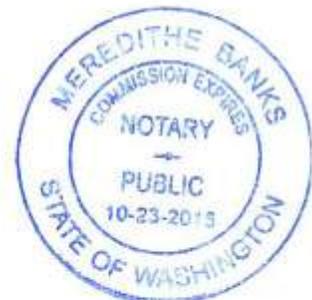
That the annexed is true of a copy of a(n) Bromart ad as it was published in regular issues (and not in supplemental form) of said newspaper once a week for a period of 1 weeks, commencing on the 1st day of April 2015, and ending on the 1st day of April, 2015, both dates inclusive, and that such newspaper was regularly distributed to its subscribers during all of said period. That the full amount of the fee charged for the foregoing publication is the sum of \$54.13 which amount has been paid in full.

Eileen Sykes

Subscribed as sworn to before me this 1st day of April 2015.

Meredith Banks

Notary Public in and for the State of Washington, residing in Snohomish.



## **AREAS OF POTENTIAL EFFECTS**

### **A. Direct Effects**

The direct APE was determined to be the proposed 750 square foot tower lease area, access road, and utility easement.

### **B. Visual Effects**

The proposed tower will be 100 feet in overall height. Therefore, an APE for visual effects for this project was set at a 0.5-mile radius from the proposed tower. The determination of the APE was based on the type and height of the proposed tower, the general topography, and the vegetative buffering in the vicinity of the proposed tower.

# CULTURAL RESOURCES REPORT COVER SHEET

Author: R. Todd Baker and Nancy E-K McReynolds

Title of Report: Cultural Resource Survey: Proposed Telecommunications Tower Site  
Site Name: SEA Bromart – New Build  
Snohomish, Snohomish County, Washington

Date of Report: May 26, 2015

County(ies): Snohomish Section: 18 Township: 28N Range: 6E

Quad: Snohomish, WA  
Acres: 0.01

PDF of report submitted (REQUIRED)  Yes

Historic Property Inventory Forms to be Approved Online?  Yes  No

Archaeological Site(s)/Isolate(s) Found or Amended?  Yes  No

TCP(s) found?  Yes  No

Replace a draft?  Yes  No

Satisfy a DAHP Archaeological Excavation Permit requirement?  Yes #  No

Were Human Remains Found?  Yes DAHP Case #  No

DAHP Archaeological Site #:

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- Submission of PDFs is required.
- Please be sure that any PDF submitted to DAHP has its cover sheet, figures, graphics, appendices, attachments, correspondence, etc., compiled into one single PDF file.
- Please check that the PDF displays correctly when opened.

# Cultural Resource Survey

Proposed Telecommunications Tower Site

Site Name: SEA Bromart – New Build  
Snohomish, Snohomish County, Washington

May 26, 2015

**Terracon** Project No. 81157045



R. Todd Baker, M.A., RPA  
Archaeologist/Principal Investigator  
Principal Investigator, Archaeology



Nancy E-K McReynolds, MHP  
Senior Architectural Historian  
Principal Investigator, History

**Prepared For:**  
Verizon Wireless

**Prepared By:**

Terracon Consultants, Inc.  
21905 64<sup>th</sup> Avenue West, Suite 100  
Mountlake Terrace, WA 98043  
425.771.3304

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# Terracon

Geotechnical ■ Environmental ■ Construction Materials ■ Facilities

## **Abstract**

On behalf of Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless), Terracon Consultants, Inc. (Terracon) conducted a Cultural Resource Survey (CRS) for the proposed SEA Bromart – New Build telecommunications site located in Snohomish County, Washington. The survey was performed on April 16, 2015 and failed to record any historic properties within the areas of potential effects (APE) direct effects, three historic properties were identified in the visual APE. The proposed collocation will have **no effect** on historic properties. No further work is recommended at this time.

**A CULTURAL RESOURCE SURVEY  
SEA BROMART - NEW BUILD  
SNOHOMISH, SNOHOMISH COUNTY, WASHINGTON**

**Project Information**

Terracon understands that Verizon Wireless is proposing to build a telecommunications tower with associated antennas and equipment enclosures under the following specifications:

<b>Site Name:</b>	SEA Bromart – New Build
<b>Site Number:</b>	24376
<b>Terracon Project Number:</b>	81157045
<b>Address:</b>	402 Second Street
<b>City, County, State:</b>	Snohomish, Snohomish County, Washington
<b>Lat/Long:</b>	47 54 47.39 / 122 5 11.35
<b>Proposed Lease Area:</b>	750 square feet
<b>Proposed Tower Height:</b>	100' (30 m)
<b>Tower Type:</b>	Monopole
<b>Access Road:</b>	10' (6 m) non-vehicular ingress/egress route
<b>Easements:</b>	10' (6 m) utility easement
<b>Topo Quad Name/Date:</b>	USGS 7.5-Minute Quadrangle, <i>Snohomish Washington</i> 1953 (Photorevised 1968 and 1973)
<b>Direct Effects APE:</b>	750 sq. ft. (70 sq. m)

Federal Communications Commission (FCC) regulations require that Verizon Wireless consider the effects of the proposed undertaking on historic properties in compliance of the *National Programmatic Agreement (NPA) for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission* (Nationwide PA [FCC 04-222]) and the National Historic Preservation Act (NHPA), as amended. In fulfillment of these requirements, Terracon conducted a Cultural Resource Survey (CRS) for the proposed project.

The goal of the survey was to determine if National Register of Historic Places (NRHP) eligible or NRHP-listed historic properties are located within the areas of potential effect (APEs) for direct and/or visual effects. The APEs for direct and visual effects for this project are summarized in the above table. Proposed ground disturbing activities will be limited to the areas specified in the project table above.

The FCC requires that an SOI-qualified archaeologist be involved in any archaeological work for FCC NEPA projects, including all phases of fieldwork, as well as evaluation of eligibility or effects for archaeological sites. The FCC also requires an SOI-qualified historian or architectural historian be involved in any historic resources evaluation for FCC NEPA projects, including all field work, as well as determination of eligibility or effects on historic structures. The following individuals meet the above-listed criteria, and their CVs are attached in the submittals as proof of SOI PI qualifications for their respective fields:

- R. Todd Baker, M.A., RPA, Archaeology
- Nancy McReynolds, MHP, Architectural History

Additionally, resumes associated with project field personnel are included as an attachment to the E106 submission. A copy of this report will be submitted for review and filed at the Washington State Department of Archaeology and Historic Preservation.

## ENVIRONMENTAL SETTING

The proposed tower site is located 22 m (71 feet) above sea level in a grass-covered, manicured lawn behind the Snohomish Boys and Girls Club. The location is in a developed residential and commercial neighborhood. Access will be provided via a proposed non-vehicular ingress/egress route off Pine Avenue to the proposed lease area site. SEA Bromart – New Build is located in Snohomish, in Snohomish County, Washington, 0.2 km (0.1 miles) east of the Pilchuck River, 0.6 km (0.4 miles) northeast of the Snohomish River, 1 km (0.6 miles) southwest of Highway 2, and 48 m (158 feet) northwest of the intersection of 2<sup>nd</sup> Street and Pine Avenue (Exhibit 1 and 2). The area surrounding is commercial and residential development to the north, south, east, and west.

The project area lies within uplands of the Puget Lowland physiographic province. The Puget Lowland owes its present-day geomorphic features to the last continental glacier that covered the region--part of the Fraser Glaciation. Named the Cordilleran ice sheet, it consisted of two parts: one called the Puget Lobe, and the other named the Juan de Fuca Lobe. The ice sheet advanced from British Columbia 18,000 years ago to just south of Olympia; the entire Puget Lowland was covered by glacial ice. By 14,000 years ago the ice had retreated to Seattle. Large areas south of Seattle were being covered by recessional outwash sands and gravels that are part of the Vashon Stade. Approximately 10,000 years ago, after a short-lived readvance in the northern Puget Lowland, the Cordilleran ice sheet disappeared, bringing the Ice Age to a close in this region. Elevations range from 492 to 1,180 feet. ([www.dnr.wa.gov/ResearchScience/Topics/GeologyofWashington](http://www.dnr.wa.gov/ResearchScience/Topics/GeologyofWashington)).

**Table 1.** Geology/Hydrogeology

<b>Geology/Hydrogeology</b>		
<i>Era, System, Series</i>	Cenozoic, Quaternary, Holocene	Washington State Geological Information Portal
<i>Category</i>	Older alluvium (Holocene). The older alluvium generally occurs as terrace-like alluvial deposits along or near valley walls.	
<i>Estimated Depth to First Occurrence of Ground water</i>	About 18 to 36 inches below ground surface (bgs).	NRCS 2015
<i>Soil Type</i>	Tokul gravelly medial loam, 0 to 8 percent slopes.	NRCS 2015
<i>Soil Description</i>	Moderately deep, moderately well-drained soil found on till plains. It forms in glacial till and volcanic ash.	NRCS 2015

In terms of the present conditions, the site is in a grass-covered, manicured lawn behind the Snohomish Boys and Girls Club. The location is in a developed residential and commercial neighborhood in the City of Snohomish. Ground visibility is 0% throughout due to manicured grass cover. The terrain is flat. The nearest water body is the Pilchuck River, which is 0.2 km (0.1 miles) west of the proposed tower site.

## RECORDS REVIEW

Prior to fieldwork, Terracon conducted an online records search using the Washington State Department of Archaeology and Historic Preservation's (DAHP) on-line Washington Information System for Architectural and Archaeological Records Data (WISAARD) database on April 13, 2015 to determine the presence of previously recorded archaeological sites within the area of potential effect (APE). The APE is defined as the proposed tower lease and the proposed access road as referenced above.

Fieldwork was conducted by Mr. R. Todd Baker, M.A., RPA, (Principal Investigator for Archaeology) on April 16, 2015. All fieldwork was conducted by Mr. Baker. Upon completion of research and fieldwork, data analysis and development of conclusions and recommendations were compiled by Mr. Baker.

### *Previous Archaeological Investigations in the Project Vicinity*

According to the DAHP WISAARD database, thirteen archaeological sites have been recorded and twenty-two archaeological survey has been conducted within a 1-mile radius of the proposed tower site. None of the archaeological sites have been determined eligible for listing in the NRHP. The site, survey and survey findings are summarized below:

Report Name or Site Number	Company	Date of Survey/Author	Findings
<b>45KI451</b>	Northwest Archaeological Associates, Inc.	1997 / L. Murphy & D. Iverson	Abandoned historic railroad grade – no cultural materials recovered
<b>45SN46</b> – Saupe Site	University of North Carolina	1976 / J. Mattson	open Olcott type site with a bi-conical cobble core and a tertiary flake
<b>45SN47</b> – Geue Site	University of North Carolina	1976 / J. Mattson	Small scatter of lithic material typical of Olcott assemblages
<b>45SN48</b> – Myrick Site	University of North Carolina	1976 / J. Mattson	Open Olcott type site – small lithic scatter including flakes, cores, battered basalt cobbles, and weathered siltstone
<b>45SN49</b> – Pilchuck Site	University of North Carolina	1976 / J. Mattson	Open site with possible dwellings of Coast Salish cultural affiliation – lithic scatter and fire cracked rock (FCR)
<b>45SN50</b> – Tukwetlbabish Site	University of North Carolina	1976 / J. Mattson	Initial survey (1976) noted Olcott type lithics from local collectors; relocation (1991) survey located abandoned headstones of historic cemetery and a single lithic flake

<b>Report Name or Site Number</b>	<b>Company</b>	<b>Date of Survey/Author</b>	<b>Findings</b>
<b>45SN112</b> – Blackman Museum	N/A	1972 / W. Tucker (recorder)	Site form doesn't contain details or specify material collected
<b>45SN113</b> – Willis D. Tucker Home	N/A	1972 / W. Tucker (recorder)	Site form doesn't contain details or specify material collected
<b>45SN330</b> – 3 <sup>rd</sup> Street Site	Boas, Inc.	1989 / Cheung and Gleason	Historic debris deposit including bottles, glass, metal, wood and burnt and oxidized sediments
<b>45SN441</b> – 2 <sup>nd</sup> Street Lithic Scatter	Landau Associates	2008 / D. Tingwall	Four toolstone waste flakes interpreted as a pre-contact camp
<b>45SN442</b> – City Shops Historic Debris Scatter and Log Pilings Site	Landau Associates	2008 / D. Tingwall	Linear distribution of six clusters of decomposing log pilings that represent the former wharfs; historic debris includes metal, nails, brick fragments, flat glass, and vessel glass fragments
<b>45SN443</b> – Archaeological Isolate Form	Landau Associates	2008 / D. Tingwall	One prehistoric flake
<b>45SN582</b> – Archaeological Isolate Form	Cascadia Archaeology	2011 / Wolverton and Nelson	Possible pre-contact isolate
<b>1343355</b> – Snohomish Riverfront Trail Project, Snohomish County, Washington, Cultural Resource Assessment	Compliance Archaeology, LLC	June 2001 / Dugas and Robbins	Negative Findings
<b>1343360</b> – Determination of the Existence of Human Remains, Old City Cemetery (revised)	Northwest Archaeological Associates, Inc.	March 1998 / N. Sharp	GPR investigation identified several areas of potential subsurface disturbance (which could include intact burials) – report recommended monitoring during excavation
<b>1343361</b> – Determination of the Existence of Human Remains, Snohomish Senior Center	Northwest Archaeological Associates, Inc.	April 1998 / N. Sharp	GPR identified several potential burial locations; no physical evidence of burials was observed; many test pits contained cultural material including basalt flakes, glass, plastic, ceramic, and various other modern refuse
<b>1343364</b> – Report of the Magnetometer Survey at the Site of the Snohomish Senior Center	Pacific Geophysical Surveys, Inc.	June 1998 / J. Bell	Magnetometer identified eleven anomalies that correspond with eleven GPR anomalies; report recommended all future excavations start from the correlated identified anomalies
<b>1343366</b> – Determination of the Existence of Human Remains at the City of Snohomish Senior Center and Proposed Youth Center Property: Magnetometer Survey and Testing	Northwest Archaeological Associates, Inc.	July 1998 / N. Sharp	One intact burial c. 1910 and several pit features identified along with three prehistoric artifacts – report recommended monitoring and a unanticipated discovery plan be developed
<b>1343625</b> – Snohomish Firehouse #SNO-101B Section 106 Report	Historic Preservation Northwest	August 2004 / D. Pinyerd	Identified the historic Snohomish Fire House

Report Name or Site Number	Company	Date of Survey/Author	Findings
<b>1344983</b> – Cultural Resources Assessment of the Cemetery Creek Sanitary Sewer Project – Segment 1	Northwest Archaeological Associates, Inc.	December 2006 / A. Earley	Negative Findings
<b>1348182</b> – Cultural Resource Assessment for the Snohomish Senior Center, Snohomish, Washington	Northwest Archaeological Associates, Inc.	September 2006 / N. Gillis	Negative Findings
<b>1350133</b> – Cultural Resources Survey and Evaluation for the Snohomish Gas Main Pipeline Replacement Project, Snohomish County, Washington	Historical Research Associates, Inc.	August 23, 2007/Gretchen A. Kaehler and Ann Gillespie	Sites 45SN419 and 45SN420 found during project survey. Both sites are over 1-mile from the current project area.
<b>1350381</b> – Phase I Investigations for Decertification of the Old Snohomish Cemetery, Snohomish, Washington	Northwest Archaeological Associates, Inc.	February 2006 / S. Tallman and Y. Carrilho	Survey discovered a large number of positive grave shafts that could potentially contain intact burials; 313 test units were excavated with 113 grave shafts observed – estimated that approximately 36 additional graves could be present in the APE
<b>1350568</b> – Cultural Resources Discipline Report SR 9 176 <sup>th</sup> Street SE to Marsh Road Intersection Improvement Project, Snohomish, Washington	AMEC Earth & Environmental, Inc.	August 2007 / PI not listed	One historic midden with glass, ceramics, light bulbs, and animal bones; two possible prehistoric sites consisting of a single flake and areas of intense burning; Nine historic buildings were documented with two being eligible for inclusion in the NRHP
<b>1350610</b> – Archaeological Monitoring for the Pilchuck Veterinary Hospital Waterline Replacement Project, Snohomish County, Washington	Northwest Archaeological Associates, Inc.	November 2007 / C. Miss	Negative Findings
<b>1351224</b> – Cultural Resources Report, City of Snohomish Combined Sewer Overflow Modifications Project, Snohomish, Washington	Landau Associates	January 2010 / T. Rust	<b>45SN441:</b> prehistoric lithic scatter (see above) <b>45SN442:</b> historic site of debris and decomposing log scatter (see above)
<b>1351450</b> – A Cultural Resource Survey of the 3G Fiber Project, Snohomish County, Washington	Bonneville Power Administration	May 2008 / Schmidt	No prehistoric material identified

Report Name or Site Number	Company	Date of Survey/Author	Findings
<b>1351953</b> – Archaeological Assessment for the Haugstad Property Building Addition Project, Snohomish, Washington	Landau Associates	September 2008 / T. Rust	Negative Findings
<b>1352370</b> – A Cultural Resources Survey for the Maple Valley-Snohomish Joint Use Fiber, Snohomish and King Counties, Washington	Bonneville Power Administration	January 2009 / Schmidt	Negative Findings
<b>1354298</b> – Cultural Resources Assessment for the 1 <sup>st</sup> Street & Avenue D Improvements Project, Snohomish County, Washington	Cultural Resource Consultants, Inc.	February 2010 / G. Hartmann	Negative Findings
<b>1680680</b> – Cultural Resource Assessment for the Snohomish Aquatic Center Project, Snohomish, Washington	Cultural Resource Consultants, Inc.	April 2011 / G. Hartmann	Negative Findings
<b>1681561</b> – Cultural Resource Assessment of Intersection Improvements at 2 <sup>nd</sup> Street & Lincoln Avenue, Snohomish, Washington	Paragon Research Associates, LLC.	September 2011 / P. Johnson	relocated <b>45KI451</b> : Abandoned historic railroad grade – no cultural materials recovered
<b>1681627</b> – Cultural Resource Survey for the SR 9 Snohomish River Bridge Project, Snohomish County, Washington	Cascadia Archaeology	June 2011 / M. Wolverton	Relocated <b>45SN442</b> : linear distribution of six clusters of decomposing log pilings that represent the former wharfs; historic debris includes metal, nails, brick fragments, flat glass, and vessel glass fragments <b>45SN582</b> : isolated lithic flake
<b>1683343</b> – Cultural Resource Investigations for the Lowell-Snohomish River Trail, Snohomish County, Washington	Boas, Inc.	May 2006 / L. Zuccotti	Negative Findings
<b>1684459</b> – A Cultural Resource Survey for the Snohomish PUD Fiber Installation at Murray, Snohomish, and SnoKing Substations	Bonneville Power Administration	December 2013 / Schmidt	Negative Findings

## FIELD METHODS

Archaeological investigation was completed in compliance of the National Historic Preservation Act, as amended. Field methods generally followed the 2014 Washington DAHP *Washington State Standards for Cultural Resource Reporting*. The goal of the investigation was to determine if NRHP eligible archaeological resources are located within the APE and to determine the presence of any known or previously undetected archaeological resources that could be affected by the proposed undertaking.

Terracon conducted a cultural resource survey of the proposed site in order to determine the presence of any previously undetected archaeological resources that could be affected by the construction of the proposed project. The archaeological survey area is equal to the area of the proposed tower site, its related utility easements, and proposed access road (Figure 2). R. Todd Baker, M.A., RPA, an SOI qualified archaeologist and Principal Investigator, conducted the fieldwork on April 16, 2015. The staff member qualifications are listed on resumes included in the E106 submittal.

Field investigation of low probability areas included 100% visual surface inspection of the entire project area. All surfaces (including animal burrows and fallen tree root clusters) within the investigation area were inspected for the presence of rock shelters, caves, mines, quarries, chimney falls, historic wells, petroglyphs, or other standing structures. In disturbed areas or in areas where the soil was very poorly drained subsurface inspection (i.e. shovel testing) was used to verify soil conditions. In dynamic depositional areas that have greater than 30 percent surface visibility, pedestrian survey and subsurface testing were employed. For areas containing slope, the following equation was used to calculate the degree of slope: run of land (m) divided by the change in elevation (m) multiplied by 100.

A pedestrian survey was conducted along the access road and within the lease area to determine the presence or absence of cultural resources. Due to the small project area, transects were spaced at 1-meter (3.3-foot) intervals. Additionally, shovel tests (ST) were conducted within the proposed tower compound. STs were approximately 50 centimeters (cm) wide (20 in) and excavated to a depth of at least 50 cmbs, or until impenetrable substrate (i.e. bedrock or clay) was reached, or until the water table was reached. All soil matrix removed was screened using a 6 millimeter (mm) (1/4-inch) hardware cloth screen.

## RESULTS

The archaeological survey identified no archaeological material or cultural remains. A total of six shovel tests (6 STs) were excavated in the proposed project area. Shovel tests were excavated to a depth of approximately 50 centimeters below surface (cmbs).

Soils from STs 1 through 6 were uniform. The typical matrix from the STs was consistent with the Tokul gravelly medial loam soil series. Tokul gravelly medial loam soils are moderately deep, moderately well-drained soil found on till plains. It forms in glacial till and volcanic ash (USDA

1990). Generally, stratum I (0-50 cmbs) was a dark yellowish brown gravelly loam (10YR 4/4). At various shovel tests, strata colors were typically uniform.

Based on the negative findings of the STs, no cultural resources were identified in the APE for direct effects and no NRHP-eligible archaeological sites were identified from this survey. A site diagram depicting the general layout of the subject site and STs is enclosed for locational reference (Exhibit 3).

*Please refer to Appendix A for Site Figures*

### *Site Definitions*

Terracon used the 2014 Washington DAHP *Washington State Standards for Cultural Resource Reporting* for defining sites.

### *Determination of Eligibility*

If an archaeological site was identified from the undertaking, then Terracon would have used the four NRHP listing criteria to determine the eligibility of the sites investigated for this project. According to the *National Register Bulletin*, a property is eligible for listing if the following criteria are met (NPS 1997).

The quality of significance in American history, architecture, archeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

- A.** That are associated with events that have made a significant contribution to the broad patterns of our history; or
- B.** That are associated with the lives of persons significant in our past; or
- C.** That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- D.** That have yielded or may be likely to yield, information important in prehistory or history.

Because no archaeological sites were identified from this investigation, none of the NRHP criteria were needed for eligibility determinations.

## **SURVEY INTERPRETATION FOR DIRECT EFFECTS**

### *Certification of SOI-Qualified Principal Investigator for Archaeology*

The FCC requires that an SOI-qualified archaeologist be involved in any archaeological work for FCC NEPA projects, including all phases of fieldwork, as well as evaluation of eligibility or effects for archaeological sites. The following individual meets the above-listed criteria, and the CV is attached in the E106 submittals as proof of SOI PI qualifications for the field of archaeology:

- R. Todd Baker, M.A., RPA; Archaeology

Upon completion of research and fieldwork, data analysis and development of conclusions and recommendations Mr. Baker developed this report; finally, Mr. Baker fully reviewed the report to ensure the findings and conclusions were correct.

The literature and document search as well as the fieldwork did not indicate the presence of historic properties within the APE for direct effects. Based on the results of the archaeological survey, additional archeological work in the study area is not recommended at this time.

This recommendation of the archaeological survey is based solely on the information and research publicly available at the state, federal, and local levels as well as the fieldwork conducted in the area of potential effect. The presence of deeply buried archaeological features cannot typically be ascertained by Phase I Archaeological investigation; therefore, should buried artifacts, human remains, cultural sites or ground features be unexpectedly unearthed during ground disturbing activities, all construction should immediately cease and the resources be examined by a professional archaeologist. Additionally, all appropriate authorities - including all pertinent tribal entities and the state historic preservation office - should be notified. Inadvertent discoveries of human remains should follow Washington legal standards concerning buried human remains.

### **VISUAL EFFECTS SURVEY**

The proposed tower will be 100 feet in height. Therefore, an area of potential effect (APE) for visual effects for this project was set at a one-half mile APE from the proposed tower (Exhibit 1). The determination of the APE was based on the type and height of the proposed tower, the general topography and the vegetative buffering in the vicinity of the proposed tower.

An online review was conducted of the National Register of Historic Places (NRHP) and the Washington DAHP's on-line WISAARD database to identify any resources listed or considered eligible for listing in the NRHP, within the visual effects APE of the proposed project. Research was conducted by Ms. Nancy McReynolds, MHP (Principal Investigator for Architectural History), on March 31, 2015.

#### **Historic Properties Identified in the APE for Visual Effect**

**Table 1.** Summary of Identified Resources in the APE

	Resource Name	Address	Brief Description of Current Condition	Eligible
7-8	City Hall	116 Union Avenue	1937 Single story brick city hall building with a Paladin entrance and copula. An ADA entrance ramp and rear addition have been added since this buildings construction.,	Yes
9-10	222 Avenue A	222 Avenue A	c. 1894 1& ½ story single family residential dwelling in good condition. The entry porch appears to have been enclosed since construction.	Yes
11-35	Snohomish City Historic District	Multiple	The period of significance is documented as the 19 <sup>th</sup> and 20 <sup>th</sup> centuries and the area of significance was determined to be architecture and commerce.	Listed

## Effect Determinations

### City Hall

This resource is located approximately 1,726 feet southwest of the proposed tower site. Based on the distance from the proposed tower, the dense development, rolling topography, and the vegetation in the area, the tower will not be visible from the resource. Therefore, it is Terracon's opinion that the construction of the proposed tower will not compromise the integrity of setting, feeling, location, design, materials, workmanship, or association for this resource (ACHP 1981). **No effect** is anticipated.

### 222 Avenue A

This resource is located approximately 2,021 feet northwest of the proposed tower site. Based on the distance from the proposed tower, the dense development, rolling topography, and the vegetation in the area, the tower will not be visible from the resource. Therefore, it is Terracon's opinion that the construction of the proposed tower will not compromise the integrity of setting, feeling, location, design, materials, workmanship, or association for this resource (ACHP 1981). **No effect** is anticipated.

### Snohomish City Historic District

At its closest point, this district is located approximately 983 feet southeast of the proposed tower site. Based on the distance from the proposed tower, the dense development, rolling topography, and the vegetation in the area, the tower will not be visible from the resource. Therefore, it is Terracon's opinion that the construction of the proposed tower will not compromise the integrity of setting, feeling, location, design, materials, workmanship, or association for this resource (ACHP 1981). **No effect** is anticipated.

## **Conclusion**

### Direct Effects Summary

The direct effects survey identified no historic properties within the direct effects APE. Therefore no further investigation is recommended at this time.

### Visual Effects Summary

The visual effects survey identified one NRHP listed district and two NRHP eligible resources within the visual APE. Due to the distance of the proposed tower from the resources and the development in the APE the tower will not be visible from these resources. Therefore, no effect is anticipated, no further investigation is recommended at this time.

## REFERENCES CITED

Natural Resources Conservation Services

<http://www.nrcs.usda.gov/wps/portal/nrcs/soilsurvey/soils/survey/state/?state=Washington&abbr=WA>

Physiographic Provinces of Washington

<http://www.dnr.wa.gov/ResearchScience/Topics/GeologyofWashington/Pages/geolofwa.aspx>

Washington State Department of Archaeology and Historic Preservation

*2014 Washington State Standards for Cultural Resource Reporting.*

[http://www.dahp.wa.gov/sites/default/files/External%20FINAL\\_0.pdf](http://www.dahp.wa.gov/sites/default/files/External%20FINAL_0.pdf).

Washington State Geologic Information Portal

[http://www.dnr.wa.gov/ResearchScience/Topics/GeosciencesData/Pages/geology\\_portal.aspx](http://www.dnr.wa.gov/ResearchScience/Topics/GeosciencesData/Pages/geology_portal.aspx)

USDA

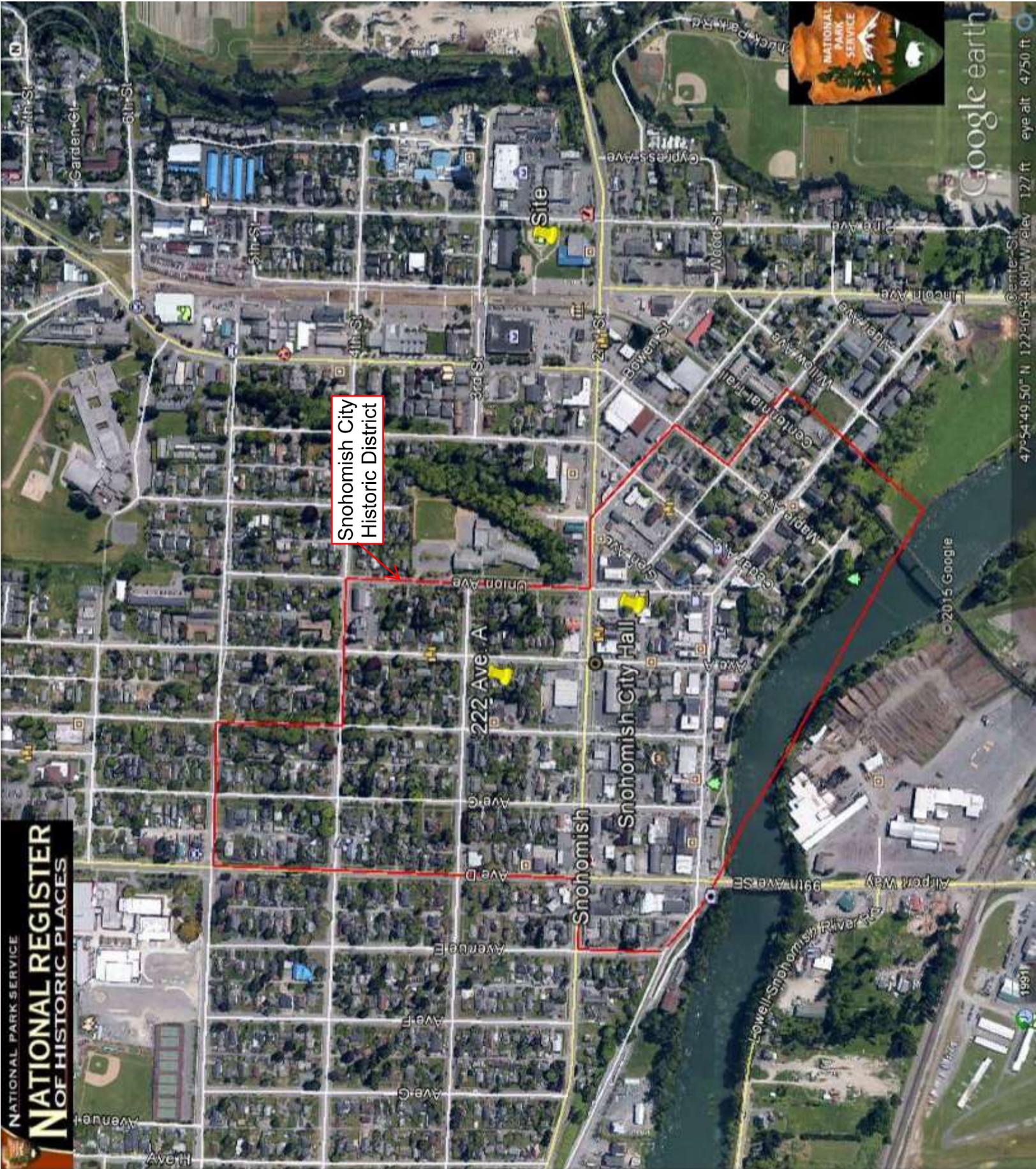
1983 Soil Survey of Snohomish County Area, Washington. Soil Conservation Service, US Department of Agriculture. Washington, DC.

USDA Web Soil Survey

2014 <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>

U.S. Department of the Interior, National Park Service

1997 How to Apply the National Register Criteria for Evaluation . *National Register Bulletin* 15.



Snohomish City  
Historic District

Site

Snohomish City Hall



*Please refer to Appendix B for Site Photographs*

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #7** 116 Union Avenue (City Hall) looking southwest



**Photo #8** Looking west/northwest back to tower from City Hall

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington

Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #9** 222 Avenue A looking northwest



**Photo #10** Looking east back to tower from 222 Avenue A

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #11** Streetscape view of Snohomish City Historic District along Avenue A



**Photo #12** Facing southeast from district along Avenue A towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #13** Streetscape view of Snohomish City Historic District along Avenue B, near intersection with 4<sup>th</sup> Street



**Photo #14** Facing southeast from district near Avenue B and 4<sup>th</sup> Street towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington

Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #15** Streetscape view of Snohomish City Historic District from intersection of Avenue C and 4<sup>th</sup> Street



**Photo #16** Facing southeast from district at intersection of Avenue C and 4<sup>th</sup> Street towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington

Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #17** Streetscape view of Snohomish City Historic District near 3<sup>rd</sup> Street and Avenue D



**Photo #18** Facing southeast from district near 3<sup>rd</sup> Street and Avenue D towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #19** Streetscape view of Snohomish City Historic District near 3<sup>rd</sup> Street and Avenue C



**Photo #20** Facing east from district near 3<sup>rd</sup> Street and Avenue C towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #21** Streetscape view of Snohomish City Historic District along Avenue D (between 2<sup>nd</sup> and 1<sup>st</sup> Streets)



**Photo #22** Facing northeast from district Historic District along Avenue D (between 2<sup>nd</sup> and 1<sup>st</sup> Streets) towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #23** Streetscape view of Snohomish City Historic District along Avenue B (between 2<sup>nd</sup> and 1<sup>st</sup> Streets)



**Photo #24** Facing northeast from district Historic District along Avenue B (between 2<sup>nd</sup> and 1<sup>st</sup> Streets) towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #25** Streetscape view of Snohomish City Historic District along Cedar Avenue



**Photo #26** Facing northeast from district Historic District along Cedar Avenue towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #27** Streetscape view of Snohomish City Historic District along 1<sup>st</sup> Street



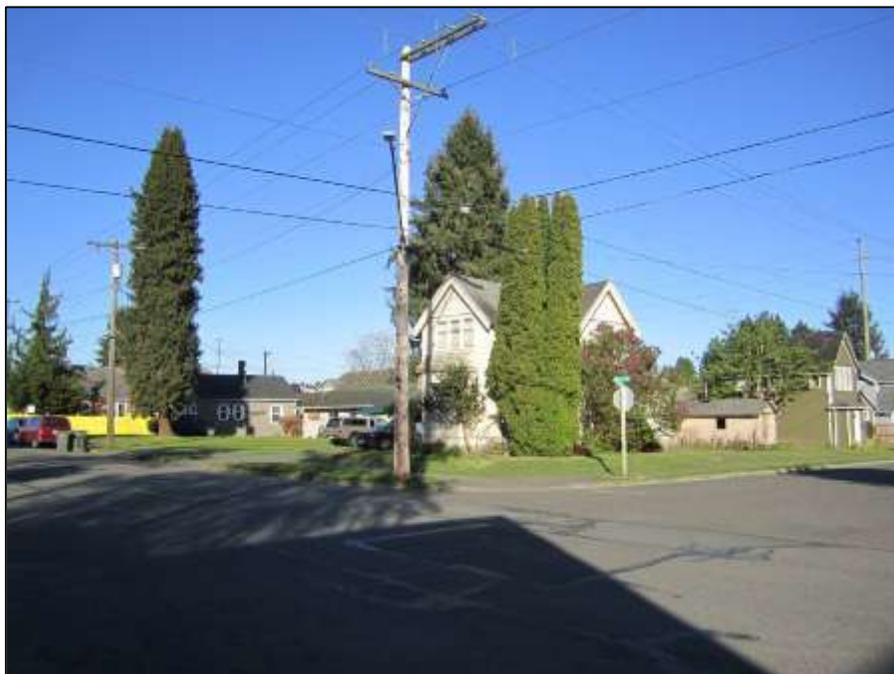
**Photo #28** Facing northeast from district Historic District along 1<sup>st</sup> Street towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #29** Streetscape view of Snohomish City Historic District at intersection of Maple Avenue and Pearl Street



**Photo #30** Facing northeast from district Historic District at intersection of Maple Avenue and Pearl Street

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #31** Streetscape view of Snohomish City Historic District along Pearl Street



**Photo #32** Facing northeast from district Historic District along Pearl Street towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington

Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #33** View of Cady Park in Snohomish City Historic District off Commercial Street



**Photo #34** Facing northeast from Cady Park in Snohomish City Historic District off Commercial Street towards tower

**SEA Bromart Tower**

SEA Bromart Tower ■ Snohomish, Snohomish County, Washington  
Project No. 81157045 ■ Date photos taken: April 16, 2015



**Photo #35** View of walkway along the Snohomish River from Cady Park in Snohomish City Historic District facing northeast towards tower

Spencer, Julie A

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From: Baker, Todd  
Sent: Wednesday, June 24, 2015 10:16 AM  
To: Spencer, Julie A  
Subject: FW: Section 106 Notification of SHPO/THPO Concurrence- Email ID #1274005

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From: [towernotifyinfo@fcc.gov](mailto:towernotifyinfo@fcc.gov)  
Sent: Wednesday, June 24, 2015 12:15:24 PM (UTC-06:00) Central Time (US & Canada)  
To: Baker, Todd  
Subject: Section 106 Notification of SHPO/THPO Concurrence- Email ID #1274005

This is to notify you that the Lead SHPO/THPO has concurred with the following filing:  
Date of Action: 06/24/2015  
Direct Effect: No Historic Properties in Area of Potential Effects (APE)  
Visual Effect: No Effect on Historic Properties in APE  
Comment Text: None

File Number: 0006827699  
Purpose: New Tower Submission Packet  
Notification Date: 7AM EST 06/04/2015  
Applicant: Verizon Wireless  
Consultant: Terracon Consultants, Inc.  
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No  
Site Name: SEA Bromart - New Build  
Site Address: 402 Second Street  
Detailed Description of Project:  
Site Coordinates: 47-54-47.3 N, 122-5-11.3 W  
City: Snohomish  
County: SNOHOMISH  
State: WA  
Lead SHPO/THPO: Washington State Department of Archaeology and Historic Preservation

**NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE**

Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.

Spencer, Julie A

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From: Baker, Todd  
Sent: Wednesday, June 03, 2015 1:46 PM  
To: Spencer, Julie A  
Subject: FW: Section 106 New Filing Submitted- Email ID #1238152

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From: [towernotifyinfo@fcc.gov](mailto:towernotifyinfo@fcc.gov)  
Sent: Wednesday, June 3, 2015 3:45:27 PM (UTC-06:00) Central Time (US & Canada)  
To: Baker, Todd  
Subject: Section 106 New Filing Submitted- Email ID #1238152

The following new Section 106 filing has been submitted:

File Number: 0006827699  
Purpose: New Tower Submission Packet  
Notification Date: 7AM EST 06/04/2015  
Applicant: Verizon Wireless  
Consultant: Terracon Consultants, Inc.  
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No  
Site Name: SEA Bromart - New Build  
Site Address: 402 Second Street  
Detailed Description of Project:  
Site Coordinates: 47-54-47.3 N, 122-5-11.3 W  
City: Snohomish  
County: SNOHOMISH  
State: WA  
Lead SHPO/THPO: Washington State Department of Archaeology and Historic Preservation

Consultant Contact Information:  
Name: Terracon Consultants, Inc.  
Title: Archaeologist/Principal Investigator  
PO Box:  
Address: 4103 SE International Way, Suite 300  
City: Portland  
State: OR  
Zip: 97222  
Phone: 503-659-3281  
Fax:  
Email: [rtbaker@terracon.com](mailto:rtbaker@terracon.com)

**NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE**  
Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.

**Tribal Summary Table**

Site Name: SEA Bromart - New Build					EnSite #: 24376	
TCNS #: 124925					TCNS Notification Date: April 3, 2015	
Tribe	TCNS auto-reply	Request from Tribe	Follow Up(s)	Final Reply	to FCC per Declaratory Ruling 05-176—any tribes not responding who did not show interest in consultation]	Standing Agreements, Tribal Procedures, & Comments
Eastern Shoshone Tribe	Request aerial photo, topo map and street map	6/2/15: To be consulted on project and \$400 review fee.	Topo, Site & Street Maps and Construction Drawings. 06/11/15: Uploaded Letter, Topo, Site & Site Maps and construction drawings to tribal processing system website. Check mailed.	7/6/15: Requests Tribal Field Technician be present during ground disturbing activities	5/21/2015	If potential cultural resources are located during construction, please notify our office immediately at (307) 335-6406 or (307) 349-6406.
Muckleshoot Indian Tribe	Only interested in reviewing proposed sites in King, Pierce and Snohomish Counties in the State of Washington.			4/9/2015 - no interest		Requests that if the applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the appropriate Federal Agency and the Tribe.
Sauk Suiattle Indian Tribe	30 days - no interest			Timed out 5/3/15		Requests immediate notification in the event archaeological properties or human remains are discovered during construction.
Stillaguamish Tribe	Tribe Name Only	5/22/15: Notified that project is located approx. 1 block from a Native American Cemetery. 5/29/15: Request Archaeological Survey	5/5/15: Mailed Letter, Topo & Site Maps, Construction Drawings 6/5/15: Emailed cultural resources report	7/9/15 - Request Professional Monitor and a Tribal Monitor be on site during installation of the trenches for access and utilities.	5/21/2015	Requests that if the applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the appropriate Federal Agency and the Tribe.
Suquamish Tribe	Tribe Name Only		5/5/15: Mailed Letter, Topo & Site Maps, Construction Drawings	6/10/15: Referral timeout	5/21/2015	
Tulalip Tribes of the Tulalip Reservation	Tribe Name Only		5/5/15: Mailed Letter, Topo & Site Maps, Construction Drawings	6/10/15: Referral timeout	5/21/2015	
Yakama Nation	30 days - no interest			Timed out 5/3/15		Requests that if the applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the appropriate Federal Agency and the Tribe.
Snoqualmie Tribe	30 days - no interest			Timed out 5/3/15		Requests immediate notification in the event archaeological properties or human remains are discovered during construction.



Shoshone Finance  
P.O. Box 538  
Fort Washakie, WY 82514  
(307) 332-6804/3043  
Fax: (307) 332-0429

To: Terracon Consultants  
Date: July 06, 2015  
Project: SEA Bromart - New Build  
TCNS Number: 124925

After reviewing the materials you provided regarding the proposed project site, we are requesting that a Tribal Field Technician be present when ground disturbing activities commence. As a result, we request that before construction activities begin, please make arrangements to have a Tribal Field Technician present. Tribal Field Technicians will work collaboratively with your Company's Environmental Inspection Team in an advisory role to assist the Project in achieving compliance with the PA, the Coordination Plan, this Monitoring Plan, Unanticipated Discovery Plan (if applicable), and any Treatment Plans to protect historic/cultural properties that may be discovered during construction.

The company will be responsible for oversight of the Tribal Field Technician through a tribal liaison, Lead EIs, and/or the Company Project Team. The Company is also responsible for paying all travel expenses as well as on-site monitoring fees for the Tribal Monitor. Once the project is completed, our accounting staff will reconcile the cost of the Tribal Field Technician activity and submit a final invoice for payment. Once final payment is received, you will be provided with a close out report and the project will be considered closed.

If historical/cultural resources are found during ground disturbing activities, please notify our office immediately so that we can determine what course of action is necessary. With this in mind, we recommend that potential historical/cultural resources not be taken lightly during all construction activity.

Thank you for consulting with the Eastern Shoshone Tribal Historic Preservation Office. Please contact our office at (307) 335-6406 or (307)-349-6406 for scheduling the start date of your project as well as any other questions you may have. Also, you can email me at [wjferrisiii@yahoo.com](mailto:wjferrisiii@yahoo.com)

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Wilfred Ferris, III  
Tribal Historic Preservation Officer

Spencer, Julie A

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From: towernotifyinfo@fcc.gov  
Sent: Thursday, April 09, 2015 8:26 AM  
To: Wheaton, Matthew Y.  
Cc: tcns.fccarchive@fcc.gov; laura.murphy@muckleshoot.nsn.us  
Subject: Reply to Proposed Tower Structure (Notification ID: 124925) - Email ID #4172868

Dear Matt Y Wheaton,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Tribal Archaeologist Laura Murphy of the Muckleshoot Indian Tribe in reference to Notification ID #124925:

We have no interest in this site. However, if the Applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the appropriate Federal Agency and the Tribe.

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 03/25/2015  
Notification ID: 124925  
Tower Owner Individual or Entity Name: Verizon Wireless  
Consultant Name: Matt Y Wheaton  
Street Address: 21905 64th Avenue West  
Suite 100  
City: Mountlake Terrace  
State: WASHINGTON  
Zip Code: 98043  
Phone: 425-771-3304  
Email: [mywheaton@terracon.com](mailto:mywheaton@terracon.com)

Structure Type: MTOWER - Monopole  
Latitude: 47 deg 54 min 47.3 sec N  
Longitude: 122 deg 5 min 11.3 sec W  
Location Description: 402 Second Street  
City: Snohomish  
State: WASHINGTON  
County: SNOHOMISH  
Detailed Description of Project:  
Ground Elevation: 21.6 meters  
Support Structure: 30.5 meters above ground level  
Overall Structure: 30.5 meters above ground level  
Overall Height AMSL: 52.1 meters above mean sea level

Spencer, Julie A

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From: Kerry Lyste <klyste@stillaguamish.com>  
Sent: Thursday, July 09, 2015 11:18 AM  
To: Price, Caitlin J  
Cc: Spencer, Julie A; Castronuevo, Agnes F; Jennifer VanEyck; Tracey Boser  
Subject: RE: TCNS 124925; Snohomish, Snohomish County

Hi Caitlyn and Agnes,

Thanks so much for calling back so we could discuss this project. In reference to our conversation, we would request a professional monitor be on site during installation of the trenches for access and utilities, and notification so that we may have tribal monitors on site.

Best regards, KL

Kerry Lyste  
Cultural Resources, Stillaguamish Tribe  
CR Specialist/GIS Analyst/ Database Administrator  
4126 172<sup>nd</sup> Street, Arlington, WA 98223  
Mailing Address: PO Box 277, 3310 Smokey Point Drive, Arlington, WA 98223  
Ph:360-657-3687 ext 14  
Fax: 360-659-3113



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From: Price, Caitlin J [mailto:Caitlin.Price@terracon.com]  
Sent: Wednesday, July 08, 2015 4:27 PM  
To: Kerry Lyste  
Cc: Spencer, Julie A; Castronuevo, Agnes F  
Subject: FW: TCNS 124925; Snohomish, Snohomish County

Good afternoon Mr. Lyste,

I am following up on the information provided in my email below regarding the proposed telecommunications site SEA Bromart in Snohomish (TCNS Number 124925). Please feel free to call or email me with questions or if there is any additional information we can provide to you, otherwise we look forward to your written response at your earliest convenience.

Thank you,  
Caitlin

**Caitlin Price**  
**Environmental Staff Scientist | Environmental Services Group**

**Terracon**

21905 64<sup>th</sup> Ave. W, Suite 100 | Mountlake Terrace, Washington 98043  
P (425) 409 2610 | F (425) 771 3549 | M (805) 450-2929  
[cjprice@terracon.com](mailto:cjprice@terracon.com) | [terracon.com](http://terracon.com)

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From: Price, Caitlin J  
Sent: Thursday, June 25, 2015 12:08 PM  
To: 'Kerry Lyste'; Spencer, Julie A  
Cc: Jennifer VanEyck; Tracey Boser  
Subject: RE: TCNS 124925; Snohomish, Snohomish County

Hello Mr. Lyste,

Thank you for your time reviewing this project, we appreciate the opportunity to consult with the Stillaguamish Tribe. In response to your inquiry below, portions of the access and utility easements that were not shovel tested already contained utility runs and/or contained paved sidewalks as can be seen on Figure 3 of the Cultural Resources Survey. Paved sidewalks are present to the south of the building within the utility easement and to the north of the tower site within the access easement. Shovel test probes were conducted in areas that were not previously developed, including the utility easements to the east of the tower site (ST-5) and south along the proposed utility easement (ST-6). Please let me know if this answers your question or if there is any additional information we can provide on this project.

Thank you,  
Caitlin

**Caitlin Price**  
**Environmental Staff Scientist | Environmental Services Group**

**Terracon**

21905 64<sup>th</sup> Ave. W, Suite 100 | Mountlake Terrace, Washington 98043  
P (425) 409 2610 | F (425) 771 3549 | M (805) 450-2929  
[cjprice@terracon.com](mailto:cjprice@terracon.com) | [terracon.com](http://terracon.com)

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From: Kerry Lyste [<mailto:klyste@stillaguamish.com>]  
Sent: Wednesday, June 24, 2015 5:17 PM  
To: Spencer, Julie A  
Cc: Price, Caitlin J; Jennifer VanEyck; Tracey Boser  
Subject: RE: TCNS 124925; Snohomish, Snohomish County

Hi Julie,

We have reviewed the report on this project, but I have a question: since Shovel Test Probes were not conducted on the Access and Utility Easements, are they already existing? Is there some rationale why no STP's were done on 2<sup>nd</sup> Street (another words, is it road prism?).

Best, KL

Kerry Lyste  
Cultural Resources, Stillaguamish Tribe  
CR Specialist/GIS Analyst/ Database Administrator  
4126 172<sup>nd</sup> Street, Arlington, WA 98223  
Mailing Address: PO Box 277, 3310 Smokey Point Drive, Arlington, WA 98223  
Ph:360-657-3687 ext 14  
Fax: 360-659-3113



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From: Spencer, Julie A [<mailto:Julie.Spencer@terracon.com>]  
Sent: Friday, June 05, 2015 11:32 AM  
To: Kerry Lyste  
Cc: Price, Caitlin J; Jennifer VanEyck; Tracey Boser  
Subject: RE: TCNS 124925; Snohomish, Snohomish County  
Importance: High

Mr. Lyste,

As requested, the Cultural Resources report for the SEA Barlow - New Build site located at 402 Second Street in Snohomish is now available for download from our Sharefile site by clicking on the following link: <https://terracon.sharefile.com/d-s2b662bcdbfb48eea>

Once you have had a chance to review, we would appreciate a written response as to your determination.

In the meantime, if you have any questions or need anything further please do not hesitate to contact us.

Thank you for your time.

**Julie Spencer**  
**Environmental Specialist / Tribal Liaison**

**Terracon**

21905 64<sup>th</sup> Ave. W, Suite 100 | Mountlake Terrace, Washington 98043  
P (425) 771 3304 | D (425) 361-0355 | F (425) 771 3549  
[jaspencer@terracon.com](mailto:jaspencer@terracon.com) | [terracon.com](http://terracon.com)



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From: Price, Caitlin J  
Sent: Monday, June 01, 2015 12:11 PM  
To: Kerry Lyste  
Cc: Jennifer VanEyck; Tracey Boser; Spencer, Julie A  
Subject: RE: TCNS 124925; Snohomish, Snohomish County

Mr. Lyste,

Thank you for your response on this proposed project. A Cultural Resources Survey has been prepared for this project and is currently in internal review. We anticipate that the report will be complete by the end of this week and we will provide a copy to you for your review as soon as it is finalized. Please feel free to call or email me if you have any additional questions or requests.

Thank you again,  
Caitlin

**Caitlin Price**  
**Environmental Staff Scientist | Environmental Services Group**

**Terracon**

21905 64<sup>th</sup> Ave. W, Suite 100 | Mountlake Terrace, Washington 98043  
P (425) 409 2610 | F (425) 771 3549 | M (805) 450-2929  
[cjprice@terracon.com](mailto:cjprice@terracon.com) | [terracon.com](http://terracon.com)

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From: Kerry Lyste [<mailto:klyste@stillaguamish.com>]  
Sent: Friday, May 29, 2015 3:31 PM  
To: Price, Caitlin J  
Cc: Jennifer VanEyck; Tracey Boser  
Subject: TCNS 124925; Snohomish, Snohomish County

Ms. Price,

We have reviewed the above-referenced project. We would request an archaeological survey due to the following reasons:

- We understand that the proposed project will involve ground disturbance
- The project APE falls within site buffers for Smithsonian/DAHP sites KI00451 and SN00050
- The project is within 1.5 blocks of a Native American cemetery

In addition, we would request notification of when field work would occur for a survey and ground disturbance for this project with the intent of having tribal monitors present.

Best regards, KL

Kerry Lyste  
Cultural Resources, Stillaguamish Tribe  
CR Specialist/GIS Analyst/ Database Administrator  
4126 172<sup>nd</sup> Street, Arlington, WA 98223  
Mailing Address: PO Box 277, 3310 Smokey Point Drive, Arlington, WA 98223  
Ph:360-657-3687 ext 14  
Fax: 360-659-3113



Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

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*Private and confidential as detailed here ([www.terracon.com/disclaimer](http://www.terracon.com/disclaimer)). If you cannot access hyperlink, please e-mail sender.*

From: towernotifyinfo@fcc.gov  
Sent: Thursday, May 21, 2015 6:03 AM  
To: Wheaton, Matthew Y.  
Cc: Diane.Dupert@fcc.gov; Jonathan.Jonas@fcc.gov  
Subject: Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #16015

Verizon Wireless  
Matt Y Wheaton  
21905 64th Avenue West  
Suite 100  
Mountlake Terrace, WA 98043

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's recent Declaratory Ruling (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 05/14/2015 and 05/21/2015. Our contact with these Tribal Nations or NHOs was sent on 05/21/2015.

Thus, as described in the Declaratory Ruling (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 20 calendar days of 05/21/2015, your obligations under Section IV of the NPA with respect to these Tribal Nations or NHOs are complete(3). If a Tribal Nation or NHO responds that it is interested in participating within the 20 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review(4). In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Tribal Nation or NHO. A Tribal Nation's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Tribal Nation or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,  
Dan Abeyta  
Assistant Chief  
Spectrum and Competition Policy Division  
Wireless Telecommunications Bureau

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1) See Clarification of Procedures for Participation of Federally Recognized Indian Tribes and Native Hawaiian Organizations Under the Nationwide Programmatic Agreement, Declaratory Ruling, FCC 05-176 (released October 6, 2005) (Declaratory Ruling).

2) Id S 8-10.

3) We note that, under the Declaratory Ruling, an expression of interest by an Indian Tribe or NHO addressed solely to the Commission staff during the 20-day period is sufficient even if it does not contact the Applicant.

4) Id at S 11.

TCNS# 124923 Referred Date: 05/15/2015 Location: 704 NE Thatuna Street, Pullman, WA

Detailed Description of Project:

Tribe Name: Eastern Shoshone Tribe

Tribe Name: Coeur d'Alene Tribe

TCNS# 124993 Referred Date: 05/15/2015 Location: 41 Dalton Rd, Omak, WA

Detailed Description of Project: T34N, R26E, Section 27

Tribe Name: Eastern Shoshone Tribe

TCNS# 124962 Referred Date: 05/15/2015 Location: 5046 Boston Harbor Road, Olympia, WA

Detailed Description of Project:

Tribe Name: Nisqually Indian Tribe

Tribe Name: Puyallup Tribe of Indians

Tribe Name: Suquamish Tribe

Tribe Name: Tulalip Tribes of the Tulalip Reservation

Tribe Name: Eastern Shoshone Tribe

TCNS# 124924 Referred Date: 05/15/2015 Location: 2730 NW Bliss Road, Vancouver, WA

Detailed Description of Project:

Tribe Name: Eastern Shoshone Tribe

TCNS# 124964 Referred Date: 05/15/2015 Location: 3562 Chuckanut Drive, Bow, WA

Detailed Description of Project:

Tribe Name: Suquamish Tribe

Tribe Name: Tulalip Tribes of the Tulalip Reservation

Tribe Name: Upper Skagit Indian Tribe

Tribe Name: Eastern Shoshone Tribe

TCNS# 124985 Referred Date: 05/15/2015 Location: 8146 Southeast Madison Street, Portland, OR

Detailed Description of Project:

Tribe Name: Siletz Tribal Council

Tribe Name: Eastern Shoshone Tribe

TCNS# 125117 Referred Date: 05/15/2015 Location: 3303 D Washington Way, Longview, WA

Detailed Description of Project:

Tribe Name: Eastern Shoshone Tribe

TCNS# 124925 Referred Date: 05/15/2015 Location: 402 Second Street, Snohomish, WA

Detailed Description of Project:

Tribe Name: Stillaguamish Tribe

Tribe Name: Suquamish Tribe

Tribe Name: Tulalip Tribes of the Tulalip Reservation

Tribe Name: Eastern Shoshone Tribe

TCNS# 125062 Referred Date: 05/15/2015 Location: EMPTY LOT; CORNER OF 6TH & DEL MONTE, TILLAMOOK, OR

Detailed Description of Project:

Tribe Name: Siletz Tribal Council

Tribe Name: Eastern Shoshone Tribe

LEGEND:

\* - Notification numbers are assigned by the Commission staff for sites where initial contact was not made through TCNS.

July 13, 2015

## Tribal Consultation Certification Letter

**Prepared for:** Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless)

**Project Description:** Raw Land-New Build 100-foot (overall height including appurtenances) Monopole

**Site Name:** SEA Bromart – New Build

**Site Address:** 402 Second Street, Snohomish, Snohomish County, WA 98290

**TCNS No.** 124925

**EnSite No.** 24376

**Terracon Project No.** 81157045

Dear Verizon Wireless:

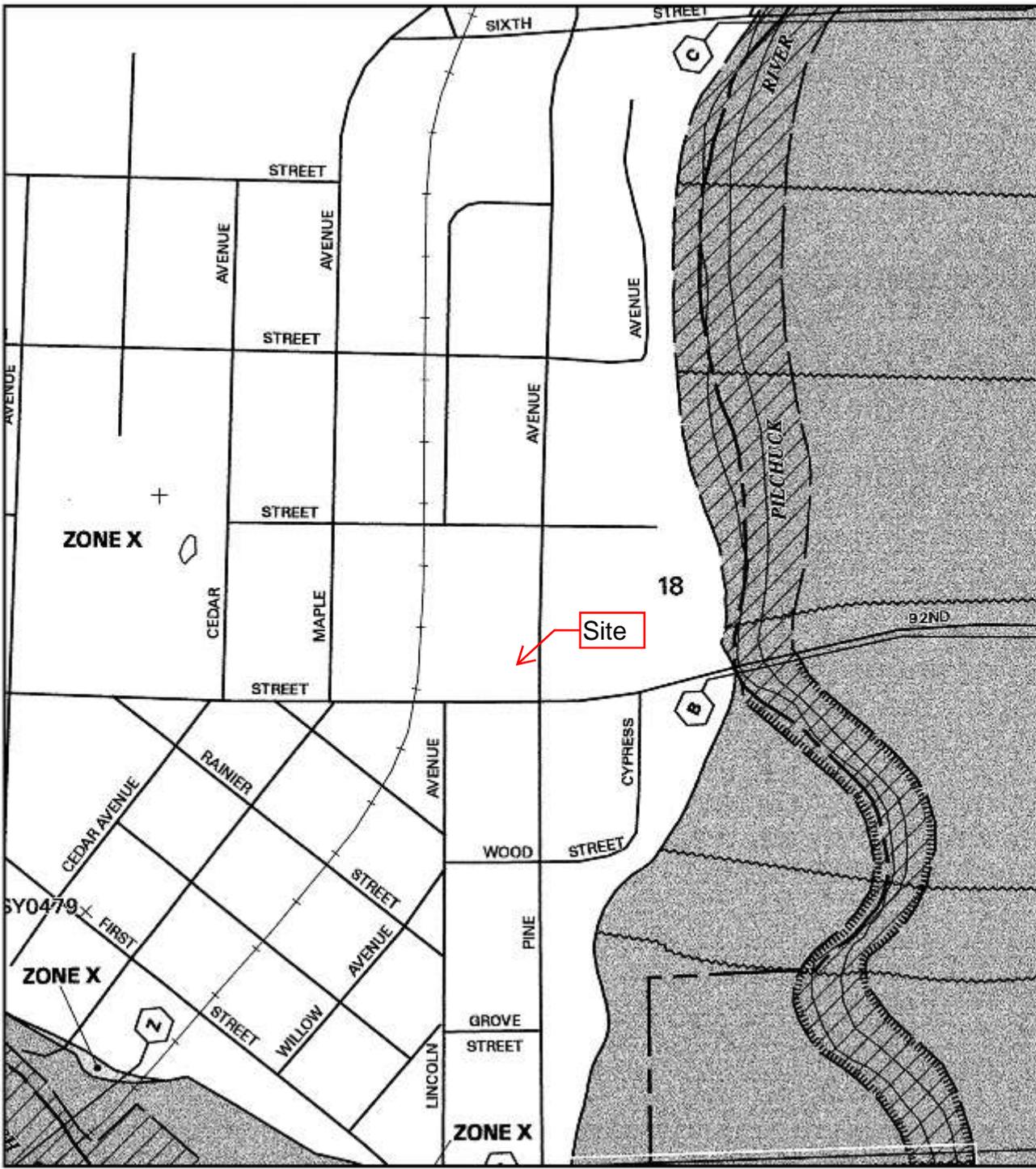
All tribes that were consulted on this project have replied with no objection to the proposed undertaking or were unresponsive and have been referred to the FCC for final contact and the appropriate waiting period has expired. Verizon Wireless can proceed with the site, in compliance with Section 106 of the NHPA and the FCC's NPA. If any tribe replies in the future with an interest in the project, you will be notified immediately by Terracon Consultants.

Sincerely,

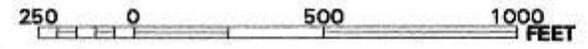


Caitlin Price  
Staff Environmental Scientist





MAP SCALE 1" = 500'



PANEL 1062F

## FIRM FLOOD INSURANCE RATE MAP

SNOHOMISH COUNTY,  
WASHINGTON  
AND INCORPORATED AREAS

**PANEL 1062 OF 1575**

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

COMMUNITY	NUMBER	PANEL	SUPPLY
SNOHOMISH COUNTY, INCORPORATED AREAS	13604	1362	F
SNOHOMISH CITY OF	680171	1363	F

Notes to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

**MAP NUMBER  
53061C1062F**

**MAP REVISED:  
SEPTEMBER 16, 2005**

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)



# U.S. Fish and Wildlife Service National Wetlands Inventory

Mar 25, 2015



## Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

Soil Map—Snohomish County Area, Washington



Map Scale: 1:689 if printed on A landscape (11" x 8.5") sheet.



## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Snohomish County Area, Washington  
 Survey Area Data: Version 12, Sep 30, 2014

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 7, 2014—Jul 8, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Snohomish County Area, Washington (WA661)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
72	Tokul gravelly medial loam, 0 to 8 percent slopes	2.1	100.0%
<b>Totals for Area of Interest</b>		<b>2.1</b>	<b>100.0%</b>

*Appendix D*  
*Qualifications of Personnel*

# JIM W. BAXTER

## SENIOR ECOLOGIST

### PROFESSIONAL EXPERIENCE

Mr. Baxter is a Senior Ecologist in the Atlanta Office. Project duties include jurisdictional waters delineations, Section 404 permitting, threatened and endangered species habitat assessments, state waters guidance, stream buffer variance applications, guidance for mitigation banking, and Phase I Environmental Site Assessments (ESA). Mr. Baxter is a lead reviewer for natural resource work and oversees various ecological projects throughout the southeast.

Historical experience includes jurisdictional waters development planning and guidance throughout the southeastern United States, including coordination with United States Army Corps of Engineers (USACE) districts in Georgia, Florida, Tennessee, Alabama, North Carolina, and South Carolina. Mr. Baxter's historical experience also includes forest ecology and wildlife management activities, including the successful completion of a University of Georgia Warnell School of Forest Resources research study on timberland valuation and management throughout the State of Georgia. Additionally, Mr. Baxter has performed biological assessments for threatened and endangered species including the Indiana bat, gopher tortoise, red-cockaded woodpecker, and various plant species.

### PROJECT EXPERIENCE

#### *Commercial/Industrial*

#### **Enterprise Drive Business Park – Dalton, Georgia**

Project Manager for ecology services involved with the construction of a business park on an approximate 50-acre site in Dalton. The project required a wetland delineation, threatened and endangered species survey, Section 404 permitting, and Georgia EPD stream buffer variance permitting.

#### *Industrial*

#### **Proposed Seaboard Ethanol Plant – Seaboard, NC**

Project Manager for ecology services involved with the construction of an ethanol plant on an approximate 300-acre site in Seaboard. The project required a wetland delineation, threatened and endangered species survey, Section 404 permitting, and coordination with North Carolina state officials regarding the need for state waters permitting.

#### *Commercial*

#### **Proposed Love's Truck Stop – Evergreen, Alabama**

Project Manager for ecology services involved with the construction of a Love's Truck Stop/Gas Station in Evergreen. The project required a wetland delineation, threatened and endangered species survey, and Section 404 permitting. A Phase I ESA was also performed on the site.

### Education

*Master of Forest Resources,  
University of Georgia, 2002*

*Bachelor of Science, University of  
the South, Natural Resources, 2000*

### Affiliations

*Society of Wetland Scientists*

*Society of American Foresters*

### Work History

*Terracon Consultants, Inc., Project  
Environmental Scientist/Ecologist,  
2007-Present*

*Environmental Services Inc.,  
Wetland Scientist, 2005-2007*

*Warnell School of Forest  
Resources, Research Coordinator,  
2003-2005*

*ATC Associates, Inc., 2000-2001*

**Presentations/Published Articles**

*Property Tax Incentives for the Georgia Landowner*, Center for Forest Business, University of Georgia Warnell School of Forest Resources Note #3, December 2004.

**Additional Training**

Wetland Delineation Field Methods – Environmental Services, Inc. In-house training program, August 2005.

Plant ID: Wetlands and Their Borders - Institute for Wetland & Environmental Education and Research, Inc., April 2008.

Section 7 Endangered Species Interagency Consultation – Duncan and Duncan Wetland & Endangered Species Training, January 2011.

# R. TODD BAKER, M.A., RPA

## ARCHAEOLOGIST

### PROFESSIONAL EXPERIENCE

Mr. Baker is a cultural resources specialist. He has more than 20 years of archaeological experience and more than 12 years as a field director. He is responsible for assessing the effects of projects on prehistoric and historic archaeological resources. Most projects have been completed to meet the compliance regulations of Section 106 of the National Historic Preservation Act. He has extensive knowledge of State and Federal laws protecting cultural resources under the National Historic Preservation Act (NHPA), National Environmental Policy Act (NEPA), Archaeological Resources Protection Act (ARPA), and Oregon Statewide Planning Goal 5.

Mr. Baker's work experience has allowed him to acquire knowledge in prehistoric and historic archaeology. He has worked on many archaeological inventories and data recovery projects throughout the Willamette Valley, Columbia Plateau, and Oregon Coastal regions, as well as throughout the state of Washington. Mr. Baker has experience in survey design, construction monitoring, pedestrian surface surveys, subsurface investigations, data recovery, faunal and human osteological analysis, and site evaluations. In addition to his fieldwork and management experience, Mr. Baker is skilled in conducting archival research and technical report writing.

Mr. Baker also has extensive archaeological monitoring experience. He has conducted construction monitoring for several projects related to the Northwest Pipeline Corporation's Capacity Replacement Project in Oregon and Washington, monitoring for the Sacagawea Heritage Trail and Lowering of Levee 12-1 for the City of Pasco Sacagawea Heritage Trail Project in Franklin County, Washington, and conducted monitoring at hazardous waste sites such as the Soil-Bentonite Barrier Wall Construction at the McCormick and Baxter Creosoting Company Location. Mr. Baker also participated in the recovery of human remains from coastal sites for the Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians.

Mr. Baker has conducted cultural resource surveys for a variety of clients and agencies, including the National Park Service, the U.S. Forest Service, the Bureau of Land Management, Oregon State Parks, the Bureau of Reclamation, the U.S. Army Corps of Engineers, local municipal governments, and various private clients. Recently, he managed and conducted the cultural resource inventories and evaluations for the Highway 58 Bridge Replacement Project, Northwest Pipeline Corporation's Capacity Replacement Project, the Brookings Airport Expansion Project, and data recovery excavations for the Ladd Marsh Project (a joint project with the Confederated Tribes of the Umatilla Indian Reservation Cultural Resource Protection Program). He has managed and supervised for all of these projects. Additionally, Mr. Baker also has extensive experience in archaeological laboratory techniques, multivariate data analysis, and faunal and human osteological analyst.

### Education

- M.A., Anthropology, Northern Arizona University; Flagstaff, Arizona, 1994

- B.S., Anthropology, Indiana State University; Terre Haute, Indiana, 1991

- Section 106 Compliance: An Introduction to Professional Practice Under Section 106 of the National Historic Preservation Act, SWCA, Portland, Oregon, 2007

- Project Management Bootcamp, PSMJ Resources, Inc., and SWCA Environmental Consultants, Phoenix, Arizona, 2007

- Section 106 of the National Historic Preservation Act, SRI Foundation, Portland, Oregon, 2005

- Hazardous Waste Operations and Emergency Response 8-Hour Refresher, Region X OSHA Training Institute Education Center, Seattle, Washington, 2004–2011

- Hazardous Waste Operations and Emergency Response, OSHA 1910.120 (40-hour Training Course), Marine and Environmental Testing, Inc., Gresham, Oregon, 2002

- Introduction to Section 106 Review, University of Nevada-Reno, Heritage Resources Management Program, Portland, Oregon, 2002

### Registrations

- Register of Professional Archaeologists

### Certifications

- Advanced Open Water Diver, PADI, 1995

- Certified Open Water, Professional Association of Diving Instructors (PADI), 1995

- Meets Secretary of Interior's Professional Qualification Standards for Archaeology

## PROJECT EXPERIENCE

### **SWCA Environmental Consultants – Portland, Oregon**

Project Manager/Archaeologist/Faunal Analyst. Duties include excavation, survey, monitoring, artifact analysis, faunal analysis, budget management, and client coordination. Writing responsibilities include preparation of proposals, budgets, archaeological permits with Oregon SHPO, reports, and other technical documents. Project procedures and budgetary restraints maintained and established, and ensure tasks are completed within budget and on time. Burial work and osteological analysis conducted for several Tribes in the Pacific Northwest.

### **Archaeological Investigations Northwest Incorporated – Portland, Oregon**

Field director for excavations and surveys. Supervises, directs, and instructs field personnel. Duties include excavation, survey, monitoring, artifact analysis, faunal analysis, budget management, and client coordination. Writing responsibilities include preparation of proposals, and reports. Burial work and osteological analysis conducted for several Tribes in the Pacific Northwest. Role: Supervising Archaeologist / Faunal Analyst

### **Brian F. Smith and Associates – Poway, California**

Served as crew chief and director for excavations and surveys. Duties included excavation, survey, monitoring, report preparation, artifact analysis, and faunal analysis. From 1987-2000 as a paleontological monitor, performed paleontological excavations, specimen preparation, general laboratory work, and cooperative archaeological/ paleontological monitoring. Role: Associate Archaeologist / Faunal Analyst / Paleontological Monitor.

### **Northern Arizona University – Flagstaff, Arizona**

Duties included faunal analysis for Animas-La Plata Project, preparation of faunal collections, computer input of data for taxonomic lists, and help in preparation of laboratory manual for Faunal Laboratory. Role: Half-time Graduate Assistant.

### **Kinlani Archaeology, Cultural Resource Consultants – Flagstaff, Arizona**

Served as crew chief on excavations, director on small surveys, processed artifacts, prepared reports, and performed data entry. Role: Archaeologist.

### **Indiana State University, Anthropology Laboratory – Terre Haute, Indiana**

Curated artifacts, analyzed lithic, faunal, and ceramic materials, and prepared drafts and reports. As a field technician, participated in over 100 cultural resource management surveys in southwestern Indiana, and excavation of the Bluegrass Site in Elberfeld, Indiana. Role: Archaeological Laboratory / Field Technician.

## **Affiliations**

*Lambda Alpha Anthropology Honor Society, 1989–present*

*Wabash Valley Archaeological Society, 1988–present*

*Alpha Kappa Lambda, Beta Pi Chapter, Alumni Member*

## **Work History**

*Terracon Consultants, Inc., Archaeologist, 2011-Present*

*SWCA Environmental Consultants 2007-2011*

*Archaeological Investigations Northwest Incorporated 2000-2007*

*Brian F. Smith and Associates 1994-2000*

*Northern Arizona University 1992-1993*

*Kinlani Archaeology 1991-1993*

*Indiana State University, Anthropology Laboratory 1988-1991*

# NANCY E-K MCREYNOLDS, M.H.P.

## PROFESSIONAL EXPERIENCE

Ms. McReynolds is the senior architectural historian in Terracon's Atlanta, office with over eight years of professional experience. Her responsibilities include identification of historic structures, assessment of effects on National Register eligible resources, photographic documentation, deed and archival research, and conducting technical assistance meetings with the various State Historic Preservation Offices (SHPO) when the need arises. Other experience includes National Environmental Policy Act (NEPA) reviews, cultural resource studies, and Environmental Site Assessments (ESA) associated with commercial, multi-family and telecommunication tower properties throughout the southeastern U.S.

As a key member of Terracon's Telecommunications Department, Ms. McReynolds effectively produces concise, accurate and beneficial reports, allowing clients to proceed with projects in a timely and cost-effective manner. Her familiarity with legal compliance procedures and experience with Section 106 reports in relation to various State Historic Preservation Officers (SHPO) and Tribal Historic Preservation Officers (THPO) enables clients to efficiently plan and successfully manage projects from inception to completion.

## SELECTED PROJECT EXPERIENCE

### Georgia Department of Transportation Environmental Studies: History

Conducted field assessment to identify historic resources within a project area and determine project effects upon historic resources. Responsible for the Historic Structures Report and the Assessment of Effects report. Performed tax map and deed research, archival and genealogy research, in addition to conducting oral interviews.

### National Environmental Policy Act (NEPA) Reviews

Conducted numerous NEPA reviews for telecommunications sites in Georgia, Alabama, Florida, Tennessee, South Carolina and North Dakota including completion of FCC Form 620/621, historic resource surveys, tribal coordination, US Fish and Wildlife Service (USFWS) Section 7 consultations, and assessment for the presence of wetlands, floodplains, and federal lands.

### Completion and Submittal of HUD Documents

Compiled findings and made recommendations for the proposed construction site to complete an environmental document for the U.S. Department of Housing and Urban Development. Conducted field assessment of project effects upon NRHP and state surveyed resources within the viewshed of the proposed building construction. Submitted findings to the Georgia HPD as a supplemental to the form HUD-4128.

### Historic Structure Survey

Performed architectural surveys following Section 106 guidelines. Documented and assessed all historic resources located within the designated survey areas. Project duties included historic integrity assessment, mapping, National Register eligibility determination, photographic documentation, as well as architectural evaluation. Surveyed resources in the state of Georgia entered into the Georgia Historic Preservation Division's Natural, Architectural & Historic Resources GIS online database, GNAHRGIS.

## Education

*Bachelor of Science, 2002,  
University of Georgia, Athens*

*Master of Historic Preservation,  
2005, University of Georgia, Athens*

## Seminars, Workshops

*Federal & State Tax Incentive  
Workshop 2006*

*Beyond Compliance: Historic  
Preservation in project Development  
2008*

*Georgia Department of  
Transportation: Plan Development  
Process 2009*

*Section 4(f) Compliance for Historic  
Preservation 2009*

*Section 106: An Introduction 2010*

*The Section 106 Advanced Seminar  
2010*

*Identification & Management of  
Traditional Cultural Places 2010*

*Environmental Impacts Analysis:  
Understanding Indirect &  
Cumulative Effects 2011*

*Identification & Evaluation of Mid-  
20<sup>th</sup> Century Buildings 2011*

## Affiliations

*Member of FindIT Steering  
Committee 2004-2009*

*Member of Ranch House Focus  
Group 2007-2008*

*National Trust for Historic  
Preservation*

*Georgia Trust for Historic  
Preservation*

*Friends of Drayton Hall*

## Work History

*Terracon, Architectural Historian,  
2004-present*

*University of Georgia, FindIT, Field  
Surveyor 2003-2004*

# CRAIG S. PRUETT

## PRINCIPAL – TELECOMMUNICATIONS SECTOR LEAD



### PROFESSIONAL EXPERIENCE

Mr. Pruett has 30 years of professional environmental consulting experience and is a Principal and Environmental Department Manager in Terracon's Denver, Colorado office. In addition to departmental administrative tasks, his project responsibilities include property transaction and environmental due diligence consulting, brownfields redevelopment, hazardous and mixed waste management, environmental management systems consulting, site remediation, facility decontamination, compliance program development and implementation, toxic materials

release reporting, litigation support, emergency spill cleanup, and health and safety oversight.

### PROJECT EXPERIENCE

#### Phase I Environmental Site Assessment Group Manager

Managed office Phase I ESA activities for four years. Performed five to ten Phase I ESAs per week with a team of six to eight employees. Clients represented a variety of industry groups including mining; oil, gas, and petroleum products; metals manufacturing; metal plating; education; restaurants and food processing; commercial office operations; residential, commercial and retail development; electronics manufacturing; agricultural; recreation facilities and golf courses; automotive repair; painting and printing operations; telecommunications; and electronics. Responsibilities included business development, resource allocation, quality assurance and key account management.

#### Wireless Telecommunications Sector Lead

Senior Regional Project Manager and National Telecom Sector Lead responsible for directly supervising completion of more than 7,000 Phase I ESAs, NEPA and geotechnical engineering telecommunication cell site projects located across the country. Clients included Verizon, AT&T, T-Mobile, Sprint, Cricket, American Tower, Crown Castle, General Dynamics Wireless, CH2MHill and Black and Veatch.

### TELECOMMUNICATIONS PROJECT EXPERIENCE

#### AT&T

As part of the AT&T Wireless acquisition by Cingular Wireless, Mr. Pruett directly supervised completion of 350 Preliminary NEPA reviews of cell tower assets. In total, Terracon performed approximately 1300 Preliminary NEPA reviews in seven weeks. Based on the information developed in the Preliminary NEPA reviews, additional NEPA evaluations on selected sites were performed.

As part of AT&T's acquisition agreement with Verizon Wireless, which included select Verizon Wireless, Unicom, and Alltel properties in primarily rural areas in Alabama, Arizona, California, Colorado, Iowa, Kansas, Michigan, Minnesota, Montana, Nebraska, Nevada, New Mexico, North Dakota, South Dakota, Tennessee, Utah, Virginia, and Wyoming, Mr.

### Education

*Master of Environmental Policy and Management, University of Denver*

*Bachelor of Science, Chemistry, Illinois State University*

### Certifications

*40-Hour OSHA Hazardous Worker*

*8-Hour OSHA Supervisor Training*

*40-Hour OSHA Instructor*

*Radiological Survey and Documentation Training*

*ISO 14000 Lead Auditor Training Course, No. E1260*

### Work History

*Terracon Consultants, Inc., Environmental Department Manager, 2010-2012; Telecom Sector Lead, 2005-Present; National Account Manager, 2003-2005; Phase I ESA Group Manager, 1999-2004*

*Maxxim Environmental, Inc., Principal/Senior Project Manager, 1995-1999*

*WASTREN Remediation, Inc., Senior Project Manager, 1993-1995*

*Industrial Compliance/SPEVS, Corporate Accounts Manager/Senior Program Manager, 1987-1993*

*Hazen Research, Inc., Analytical Chemist, Process Development Technician, 1983-1987*

### Speaker

*President's Welcome and Opening Remarks, Colorado Wireless Association Inaugural Launch Luncheon, October 22<sup>nd</sup>, 2009*

*The Changing Face of Tower Regulation (Panelist), AGL Regional Conference (Denver), June 9, 2011*

## **Craig S. Pruett - Resume**

Pruett directly supervised the completion of approximately 400 NEPA Reviews.

Mr. Pruett performs ongoing Phase I ESA and NEPA work on the AT&T Turfing contract in the Rocky Mountain Region and coordinates work in AT&T's Pacific Northwest region, Northern California region and New Mexico region.

### **Cricket Communications**

As a Senior Regional Project Manager, Mr. Pruett directly supervised completion of 750 Phase I ESA, NEPA, and geotechnical engineering telecommunication cell site projects in California and the Front Range areas of Colorado. In addition, Mr. Pruett coordinated with other Terracon offices to provide quality assurance and timely deliverables on cell sites in 15 additional Cricket markets. Work for Cricket is ongoing.

### **T-Mobile**

As a National Account Manager, Mr. Pruett has managed the completion of approximately 100 cell site projects for T-Mobile in the Colorado region since January 1, 2003. Work with T-Mobile in the Rocky Mountain area is ongoing.

### **Sprint**

Mr. Pruett is currently managing Phase I ESA and NEPA work for Sprint A&E contractors working on the Network Vision project. Terracon is expecting work on this project in five to seven Sprint Network Vision project markets.

## **OTHER TELECOMMUNICATIONS EXPERIENCE**

Mr. Pruett is the founding president of the Colorado Wireless Association which promotes the interests of the wireless communications industry through various educational and community service activities.