



Pierce County
Planning & Public Works

2702 South 42nd Street, Suite 201
Tacoma, Washington 98409-7322
piercecountywa.gov/ppw

Electronic Copy

Dennis Hanberg—Director
dennis.hanberg@piercecountywa.gov

RECEIVED

JUL 17 2019

**WA State Department
of Ecology (SWRO)**

July 12, 2019

Attn: Tim Mulin, LHG, VCP Site Manager
Washington State Department of Ecology
Southwest Region- Toxics Cleanup Program
PO Box 47775
Olympia, WA 98504-7775

Subject: Pierce County Prairie Pit Voluntary Cleanup Program Application

Dear Mr. Mulin:

Pierce County Planning & Public Works would like to enter parcel number 0319262004 located on Waller Road East in Tacoma, commonly known as the Prairie Pit, into the Voluntary Cleanup Program. Clean up of the contaminated soil on the northerly portion of the property is beginning and we wish to work with Ecology staff on the clean-up. The north 13.4 acres is being subdivided and sold to the local school district and we are considering this the Source Property. The remaining property to the south will be retained by the County for continued maintenance activities.

If you have questions or need additional information, please contact me at (253)-798-7020 or email kerri.wittman@piercecountywa.gov. Thank you.

Sincerely,

Kerri M. Wittman, PMP
Planning and Public Works

Enclosures

cc: Jeff Rudolph, PPW Environmental Biologist II
George Iftner, Herrera, Inc., 2200 Sixth Ave, Suite 1100, Seattle, WA 98121

RECEIVED



JUL 17 2019

WA State Department
of Ecology (SWRO)
State of Washington

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

APPLICATION FORM

Under the Voluntary Cleanup Program (VCP), the Department of Ecology (Ecology) may provide informal site-specific technical consultations to persons conducting independent remedial actions at a hazardous waste site. Ecology may provide such consultations under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC.

To enter the VCP, complete and submit to Ecology a VCP Application. The Application consists of the following two documents:

1. Application Form (including required attachments). ← **THIS DOCUMENT**
2. Agreement.

For guidance on how to complete your Application, please refer to the Application Instructions, which are available separately on the VCP web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm.

Part 1 - ADMINISTRATION

A. Customer Information. The Customer is the person or organization requesting services from Ecology under the VCP, and is responsible for paying the costs incurred by Ecology. The authority and duty of the Customer are explained in the Agreement.

Name of Customer: Pierce County Planning & Public Works

What type of entity is the Customer?

☐ Person

If the Customer is a "person," then the Customer shall serve as both the Project Manager and the Project Billing Contact. Please identify this person and their contact information in both Parts 1B and 1C.

☒ Organization

*If the Customer is an "organization," then please identify the Project Manager in Part 1B and the Project Billing Contact in Part 1C. **Both persons must be employed by the Customer organization.***

What is the Customer's involvement at the Site? Please check all that apply.

☒ Property owner

☐ Business owner (operator)

☐ Past property owner

☐ Mortgage holder

☐ Future property owner

☐ Consultant

☐ Property lessee

☐ Attorney

☐ Other – please specify: _____

If not the current property owner, is the Customer acting as the agent for the property owner?

☐ Yes ☐ No

If not the current property owner, is the Customer authorized to grant access to the property?

☐ Yes ☐ No

TCP SWRO ID# SW 1684

Part 1 – ADMINISTRATION continued

B. Project Manager Information. Ecology will send this person all official correspondence. This person must either be the Customer or be employed by the Customer. This person may not be an independent contractor hired by the Customer. Please enter the required information below.

Name: Kerri Wittman		Title: Project Manager	
Mailing address: Pierce Co. Planning & Pub. Works, 2702 South 42 nd Street, Suite 201			
City: Tacoma		State: WA	Zip: 98409
Phone: 253-798-7020	Fax:		E-mail: kerri.wittman@piercecountywa.gov

C. Project Billing Contact Information. Ecology will send this person monthly invoices. This person must either be the Customer or be employed by the Customer. This person may not be an independent contractor hired by the Customer. Please enter the required information below.

Name: Kerri Wittman		Title: Project Manager	
Mailing address: Pierce Co. Planning & Pub. Works, 2702 South 42 nd Street, Suite 201			
City: Tacoma		State: WA	Zip: 98409
Phone: 253-798-7020	Fax:		E-mail: kerri.wittman@piercecountywa.gov

D. Project Consultant Information.

Is the Customer a consultant?

- ☐ Yes *If you answered "YES," then skip to the next question.*
- ☒ No *If you answered "NO" and the Customer hired a consultant to conduct the independent remedial action, then enter the required information below.*

Name: George Iftner		Title: Licensed Geologist	
Organization: Herrera Environmental Consultants, Inc.			
Mailing address: 2200 6 th Avenue, Suite 1100			
City: Seattle		State: WA	Zip: 98121
Phone: (206) 787-8210	Fax: (206) 441-9108		E-mail: giftner@herrerainc.com

Do you want Ecology to contact the Project Consultant?

- ☒ Yes ☐ No

E. Property Owner Information.

Is the Customer the owner of the property where independent remedial action is being conducted?

- ☒ Yes *If you answered "YES," then enter the type of entity and skip to the next question.*
- ☐ No *If you answered "NO," then please enter all of the required information below.*

Name:		Title:	
Organization:			
Mailing address:			
City:		State:	Zip:
Phone:	Fax:		E-mail:

Part 1 – ADMINISTRATION continued

What type of entity is the property owner? Please check only one.

- | | |
|--|--|
| <input type="checkbox"/> Private | <input checked="" type="checkbox"/> County |
| <input type="checkbox"/> Tribal | <input type="checkbox"/> Municipal |
| <input type="checkbox"/> Federal | <input type="checkbox"/> Mixed |
| <input type="checkbox"/> State | <input type="checkbox"/> Public School |
| <input type="checkbox"/> Other – please specify: _____ | |

F. Request for Written Opinion.

Are you requesting a written opinion at this time?

- ☐ Yes ☒ No

If you answered “YES,” on what planned or completed remedial action do you want a written opinion?

Please attach to this Application any additional remedial action plans or reports you want Ecology to review. Ecology will base its opinion on the information contained in the Site file, including any information attached to this Application.

If you answered “NO,” please explain why you are enrolling in the VCP at this time and when you expect to request a written opinion from Ecology.

Remediation work at the site is starting in July 2019, and includes source removal of contaminated soil followed by two rounds of groundwater sampling in July and December 2019. Remedial investigation report will be submitted shortly thereafter to Ecology for an opinion and issuance of an NFA.

Attach additional pages if necessary.

G. Reporting Requirements.

Please comply with the following reporting requirements when requesting written opinions on planned or completed remedial actions:

- ☐ **Licensing.** Documents submitted containing geologic, hydrologic, or engineering work must be under the seal of an appropriately licensed professional, as required by Chapters 18.43 and 18.220 RCW.
- ☐ **Data Submittal.** Environmental sampling data must be submitted in both a printed form and an electronic form capable of being transferred into Ecology’s data management systems. For instructions on how to submit the data, please refer to the following Ecology web site:
www.ecy.wa.gov/programs/tcp/data_submittal/Data_Requirements.htm.

Failure to comply with these requirements may result in unnecessary delays. **Ecology will not issue a No Further Action (NFA) opinion unless these requirements are satisfied.**

Part 2 - DESCRIPTION OF THE SITE

A. Name of the Site. If Ecology has already identified the Site, enter the name provided by Ecology. Otherwise, enter a suggested name for the Site. You may also include an alternate name.

Name: Prairie Pit Maintenance Facility (southerly 21.2 acres)

Alternate Name: Source Property (northerly 13.4 acres)

B. Location of Property where the Releases Occurred (Source Property).

The "source property" is the property where hazardous substances were released into the environment. For example, if petroleum was released from a leaking UST, the source property is the property where the UST was located.

Do you know on which property the releases occurred?

☒ Yes

If you answered "YES," then please refer to the source property when answering the following questions.

☐ No

If you answered "NO," then please refer to the property addressed by your remedial action (cleanup) when answering the following questions.

Physical Address. Please enter the physical address of the property below.

Street Address: 16000 Block of Waller Road East

City: Tacoma

State: WA

Zip: 98446-1336

Geographic Position. Please enter the geographical position of the property below. For additional guidance on how to complete this part, please refer to instructions on the VCP web site.

COORDINATES	LATITUDE:	Degrees: 47 N	Minutes: 06	Seconds: 18
	LONGITUDE :	Degrees: 122 W	Minutes: 23	Seconds: 30
LOCATION ON PROPERTY: [e.g., point of release or center of parcel]		Test Pit 9 near northern end of parcel		
COLLECTION METHOD: [e.g., GPS or address matching]		Google Earth		
COLLECTION SOURCE: [i.e., map scale]		1 inch = 120 feet		
HORIZONTAL DATUM: [i.e., base reference for coordinate system]		NAD83		
ACCURACY LEVEL: [i.e., +/- feet or meters]		250 feet		

Legal Descriptions.

TRS DATA:	Township: 19N	Range: 3E	Section: 26	Quarter-Quarter: SE-NW
TAX PARCEL #(s):	0319262004			

Part 2 - DESCRIPTION OF THE SITE continued

C. Identification of Properties affected by the Releases (Affected Properties).

An "affected property" is a property affected by the release of hazardous substances on the source property. For example, petroleum released from a leaking UST on one property (source property) may migrate through the soil or ground water onto an adjacent property (affected property).

Do any of the releases affect any properties adjacent to the source property?

- ☐ Yes *If you answered "YES," then please identify below each property that you know has been affected by the releases on the source property. If you need to identify additional properties, please attach additional pages.*
- ☐ No *If you answered "NO," then skip to the next question.*
- ☒ Unknown *If you answered "UNKNOWN," then skip to the next question.*

1.	Address:
	Tax Parcel(s):
2.	Address:
	Tax Parcel(s):
3.	Address:
	Tax Parcel(s):
4.	Address:
	Tax Parcel(s):

D. Identification of Public Right-of-Ways affected by the Releases.

Do any of the releases affect any public right-of-ways (e.g., streets)?

- ☐ Yes ☐ No ☒ Unknown

If you answered "YES" above, please specify below. Otherwise, skip to the next question.

Attach additional pages if necessary.

E. Extent of the Site.

What is the approximate areal extent of the Site? Please check only one.

- ☐ < 5,000 square feet
- ☐ > 5,000 square feet, but < 1 acre
- ☐ > 1 acre, but < 10 acres
- ☒ > 10 acres
- ☐ Unknown

Part 2 - DESCRIPTION OF THE SITE continued

F. Description of Release(s) at the Site.

Source of Release(s).

What are the source(s) of the release(s) at the Site? Please check all that apply.

- ☐ Point source (e.g., leaking tank)
- ☒ Non-point source (e.g., contaminated soil used as fill)
- ☐ Area-wide lead and arsenic soil contamination (see questions below)
- ☐ Other – please specify: _____
- ☐ Unknown

To the extent known, please describe the source(s) of the release(s):

Contaminated soil buried within a berm on the north end of the property (observed in test pits).

Attach additional pages if necessary.

Circumstances of Release(s). To the extent known, please describe below the circumstances of the release(s).

Materials observed (e.g., radiator hoses, metal, used rags, "oil resistant" shoes, rubber tires, rusted 30-gallon drums) suggest waste oil in soil or drums was dumped there prior to the 1990s, before the County erected a fence around the perimeter of the site.

Attach additional pages if necessary.

Circumstances of Release Discovery. To the extent known, please describe below the circumstances of the discovery of the release(s).

May 2019 Limited Phase II Environmental Site Assessment by Shannon & Wilson.

Attach additional pages if necessary.

Part 2 - DESCRIPTION OF THE SITE continued

Area-Wide Soil Contamination. For information about the area-wide soil contamination project, please refer to the following web site: www.ecy.wa.gov/programs/tcp/area_wide/area_wide_hp.html. For information about the Tacoma Smelter Plume (TSP) and the associated Management Plan, please refer to the following web site: www.ecy.wa.gov/programs/tcp/sites/tacoma_smelter/ts_hp.htm.

Is the Site located within an area affected by smelter emissions, such as the TSP area?

☐ Yes ☒ No ☐ Unknown

To determine whether your Site is located within the TSP area, please refer to the map on the TSP web site identified above.

Is the Site located on a former apple or pear orchard in operation prior to 1947?

☐ Yes ☒ No ☐ Unknown

Is the Site impacted by area-wide arsenic and/or lead soil contamination?

☐ Yes ☒ No ☐ Unknown

G. Nature and Extent of Hazardous Substances Released at the Site. The following questions refer to conditions after the release, but prior to any cleanup, of the hazardous substances at the Site.

Hazardous Substances and Affected Media. To the extent known, please identify in the following table the hazardous substances released at the Site and the media (e.g., soil) impacted by those substances. Use the codes at the bottom of the table.

HAZARDOUS SUBSTANCE	AFFECTED MEDIA				
	SOIL	GROUND WATER	SURFACE WATER	SEDIMENT	AIR
EXAMPLE: Benzene	C	S	N/A	N/A	B
Lube oil-range petroleum hydrocarbons	C	U	N/A	N/A	N/A
Cadmium	C	U			
Lead	C	U			
Total cPAHs	C	U			

When identifying the affected media in the table above, please use one of the following codes:

- C = confirmed, above cleanup level
- B = confirmed, below cleanup level
- O = confirmed, not present
- S = suspected
- N/A = not suspected
- U = unknown

Part 2 - DESCRIPTION OF THE SITE continued

Drinking Water.

Does any of the contamination at the Site pose a threat or potential threat to an existing drinking water source (ground water or surface water)?

☐ Yes ☐ No ☒ Unknown

If you answered "YES" above, what type of drinking water system is threatened by the contamination? Please check all that apply.

☐ Single Family
☐ Public Drinking Water Supply

If you checked "Public Drinking Water Supply" above, is the contamination located within or upstream of a 10-year wellhead protection area?

☐ Yes ☐ No ☐ Unknown

To help answer the above question or if you answered "Yes" to that question, then go to <https://fortress.wa.gov/doh/eh/dw/swap/maps/> or call (800) 521-0323.

Indoor Air.

Are contaminant odors present in any buildings, manholes, or other confined spaces?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please specify:

Attach additional pages if necessary.

H. Maps of the Site.

Please attach to this application map(s) that identify, to the extent known, the following:

- ☐ The location of the site.
- ☐ The properties, and any public right-of ways, affected by the site.
- ☐ The source(s) of the release(s) at the site.
- ☐ The nature and extent of contamination at the site.
- ☐ Any human or ecological receptors impacted by the site (e.g., drinking water wells).
- ☐ The physical characteristics of the site (e.g., property lines, building and road outlines, surface water bodies, water supply wells, ground water flow direction, and utility right-of-ways).
- ☐ The properties adjacent to the site and the uses of those properties (e.g., gas station, dry cleaner, residential).

Part 3 – OPERATIONAL HISTORY OF THE SITE

A. Current Use of Source Property. Note that the following questions refer only to the Source Property, not other properties affected by the Site. Answer these questions to the best of your ability.

Current Property Owners. To the extent known, please identify below the current owner of the source property.

Name: Pierce County	Title:	
Organization: Planning & Public Works		
Mailing address: 2702 S. 42 nd Street, Suite 201		
City: Tacoma	State: WA	Zip code: 98409
Phone: 253-798-7020		

Current Business Owner (Operator). To the extent known, please identify below the current owner of the business located on the source property.

Name: Pierce County	Title:	
Organization: Planning & Public Works-Maintenance and Operations		
Mailing address: 4812 196 th Street E		
City: Spanaway	State: WA	Zip code: 98387
Phone: 253-798-6000		

Current Business Operations. To the extent known, please identify below the current operations of the business located on the source property.

What is the current land use of the source property? Please check all that apply.

- | | |
|---|---|
| <input type="checkbox"/> Residential | <input type="checkbox"/> School |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Childcare facility |
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Park |
| <input type="checkbox"/> Agricultural | |
| <input checked="" type="checkbox"/> Other – please specify: <u>Source Property: substantially forested and not used; Southerly Portion: road maintenance site used for storage and staging of materials needed for maintenance activities</u> | |

Is there a currently operational commercial or industrial business located on the source property?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please identify in the following table the current business operations using the North American Industry Classification System (NAICS) codes and specifying the operations.

NAICS CODE	DESCRIPTION OF OPERATIONS

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

Is there a solid waste handling facility located on the Source Property?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please identify:

A solid waste handling facility It is located on the southern portion of the site. Once the northern part, which is the Source Property, is sold, the permit will remain with the southern portion of the parcel.

Attach additional pages if necessary.

Is there a dangerous waste treatment, storage, or disposal facility located on the Source Property?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please identify:

Attach additional pages if necessary.

Regulation of Current Business Operations.

Does the business operate under any federal, state, or local permits related to the release of hazardous substances into the environment (e.g., NPDES permit)?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please specify the regulated operation, the name of the permit, and the date it was issued in the table below.

REGULATED OPERATION	PERMIT	DATE ISSUED

Has a state or federal notice of enforcement action (e.g., notice of violation) ever been issued related to the release of hazardous substances at the business?

☐ Yes ☒ No ☐ Unknown

If you answered "yes" above, please specify (notice and year issued):

Have business operations resulted in any other spills or other unpermitted releases on the source property?

☐ Yes ☐ No ☒ Unknown

If you answered "YES" above, please specify in the table below.

RELEASE	DATE OF RELEASE	STATUS OF RELEASE

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

Storage Tank Information. In table below, please identify all above ground storage tanks (AST) and underground storage tanks (UST) that have been used for storing hazardous substances on the source property, irrespective of whether the tanks are still in use or in place. *If you are unable to provide answers to specific questions regarding a tank, please enter "U" for unknown.*

IDENTIFICATION				STATUS AND CLOSURE				RELEASES	
Hazardous Substance	Type (AST/UST)	Size (Gallons)	TANK ID	DATE INSTALL	IN USE (Y/N)	DATE CLOSED	CLOSURE METHOD (*)	PAST (Y/N)	CURRENT (Y/N)

(*) Options = Removed or Closed in Place

B. Past Use of Source Property. *Note that the following questions refer only to the Source Property, not other properties affected by the Site. Please answer these questions to the best of your ability.*

Past Property Owners. To the extent known, please identify below the owner of the source property at the time the release occurred.

Name: Pierce County		Title:
Organization: Planning & Public Works		
Mailing address: 2702 S. 42 nd Street, Suite 201		
City: Tacoma	State: WA	Zip code: 98409
Phone: 253-798-7020	Fax:	E-mail: kerri.wittman@piercecountywa.gov

Past Business Owners (Operators). To the extent known, please identify below the owner of the business (operator) at the time the release occurred.

Name: Pierce County		Title:
Organization: Planning & Public Works- Maintenance and Operations		
Mailing address: 4812 196 th Street E		
City: Spanaway	State: WA	Zip code: 98409
Phone: 253-798-6000	Fax:	E-mail:

Identification of Past Business Operations. Please identify in the following table the past operations of businesses located on the source property using the North American Industry Classification System (NAICS) codes and/or specifying the operations.

NAICS CODE	DESCRIPTION OF OPERATIONS
EX: 447110	Gasoline Stations with Convenience Stores

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

C. Future Use of Source and Affected Properties. The following questions refer to both source and affected properties. Please answer these questions to the best of your ability.

Will any ownership interest in the source or affected properties be conveyed prior to, or upon completion of, the cleanup?

☒ Yes ☐ No ☐ Unknown

If you answered "YES" above, please specify:

North 13.4 acres will likely be sold to the Bethel School District.

Attach additional pages if necessary.

Will any of the source or affected properties, or portions of those properties, be redeveloped as part of the cleanup?

☒ Yes ☐ No ☐ Unknown

If you answered "YES" above, please specify the proposed land use below. Please check all that apply.

<input type="checkbox"/> Residential	<input checked="" type="checkbox"/> School
<input type="checkbox"/> Commercial	<input type="checkbox"/> Childcare facility
<input type="checkbox"/> Industrial	<input type="checkbox"/> Park
<input type="checkbox"/> Agricultural	
<input type="checkbox"/> Other – please specify:	

Please also specify the activities proposed for that land use:

Elementary school with playfields.

Attach additional pages if necessary.

Part 4 – ADMINISTRATIVE HISTORY OF THE SITE

Have you previously reported the release(s) of hazardous substances at the Site to Ecology?

☐ Yes – If so, when? ☒ No ☐ Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under the VCP?

☐ Yes – If so, please specify the VCP Project Number: _____
☒ No
☐ Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under a federal or state order or decree?

☐ Yes – If so, please specify the type and docket number: _____
☒ No
☐ Unknown

Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE

A. Scope of Remedial Actions.

Do you plan to characterize and address all of the contamination at the Site, including any contamination located on affected adjacent properties, as part of the VCP project?

☒ Yes ☐ No ☐ Unknown

If you answered "NO" above, please describe below the scope of the VCP project, including the contamination (properties, portions of a property, media and/or hazardous substances) that you DO NOT plan on characterizing and/or addressing as part of the VCP project. Please include additional pages if necessary.

Attach additional pages if necessary.

Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE continued

B. Status of Remedial Actions.

What is the current status of remedial actions at the site? Please check all that apply in the table below.

REMEDIAL ACTION	PLANNED	ONGOING	COMPLETED	NOT APPLICABLE
INITIAL RESPONSE (UST ONLY)				
INTERIM ACTION				
REMEDIAL INVESTIGATION				
FEASIBILITY STUDY				
CLEANUP ACTION		X		

C. Documentation of Remedial Actions.

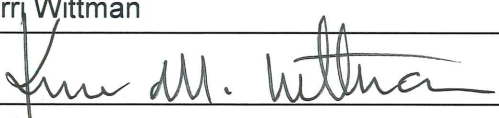
Please list in the table below all known remedial action plans or reports produced for the site, including:

- The title of the plan or report,
- The author (e.g. consulting firm) of the plan or report,
- The date the plan or report was produced,
- Whether the plan or report has been submitted to Ecology,
- The date the plan or report was submitted to Ecology.

	TITLE	AUTHOR	DATE	SUBMITTED TO ECOLOGY	
				Y/N?	DATE
	Site Remediation Report (in progress)	Herrera	TBD	N	TBD

Part 6 – STATEMENT AND SIGNATURE

A. Statement and Signature. The undersigned affirms that the information contained in this application is true and accurate to the best of his or her knowledge. Please note that someone other than the Customer may sign this Application Form.

Name: Kerri Wittman		Title: Project Manager	
Signature: 		Date: 7/12/2019	
Organization: Pierce County, Planning & Public Works (PPW)			
Mailing address: 2702 South 42 nd Street, Suite 201			
City: Tacoma		State: WA	Zip code: 98409
Phone: 253-798-7020	Fax:		E-mail: kerri.wittman@piercecountywa.gov

B. Affiliation.

What is the signatory's involvement at the Site? Please check all that apply.

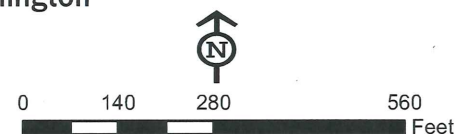
- ☒ Customer
- ☐ Property Owner
- ☐ Consultant
- ☐ Attorney
- ☐ Other – please specify: _____



Legend

- | | | | |
|--|-------------------------------------|--|------------------------------------|
| | Property boundary | | Private water supply well |
| | Parcel 0319262004 | | Ditch |
| | Parcel boundary | | Access road |
| | Test pit
(Shannon & Wilson 2019) | | Assumed groundwater flow direction |
| | Proposed monitoring well | | |

Figure 2. Site Map of Prairie Pit Maintenance Facility, Frederickson, Washington



K:\Projects\Y2016\16-06310-011\Project\Report\Fig2_SiteMap_Jetter.mxd