

Northern State Multi Service Center Cleanup Site (Former Northern State Hospital)

Public Meeting

March 27, 2019



Port of Skagit



DEPARTMENT OF
ECOLOGY
State of Washington



MAUL FOSTER ALONGI

Northern State Cleanup Team



Cleanup Process

The Model Toxics Control Act (MTCOA) is Washington's environmental cleanup law.

- **Direction:** MTCOA directs the investigation, cleanup, and prevention of sites that are contaminated by hazardous substances.
- **Protection:** It works to protect people's health and the environment, and to preserve natural resources for the future.
- **Funding:** Matching grant funding may be available for eligible parties. The Port of Skagit is eligible for up to 75% (or more, if approved).

Legal Agreement (Agreed Order)



Partially addresses contamination and may occur anytime.



Opportunities for public review and comment. We encourage feedback and hold public comment periods at key times during the cleanup process.

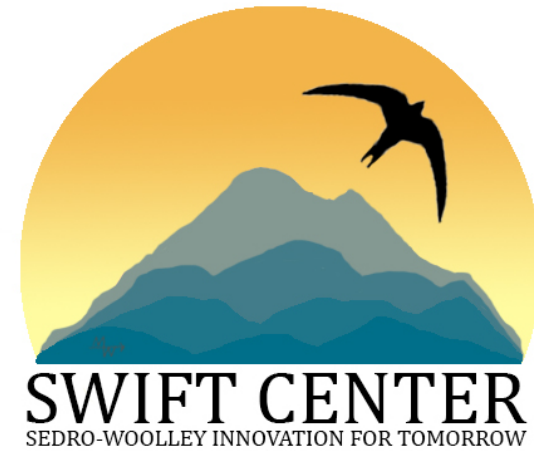
Summer 2019



Site Background



Northern State Hospital
1912 - 1973

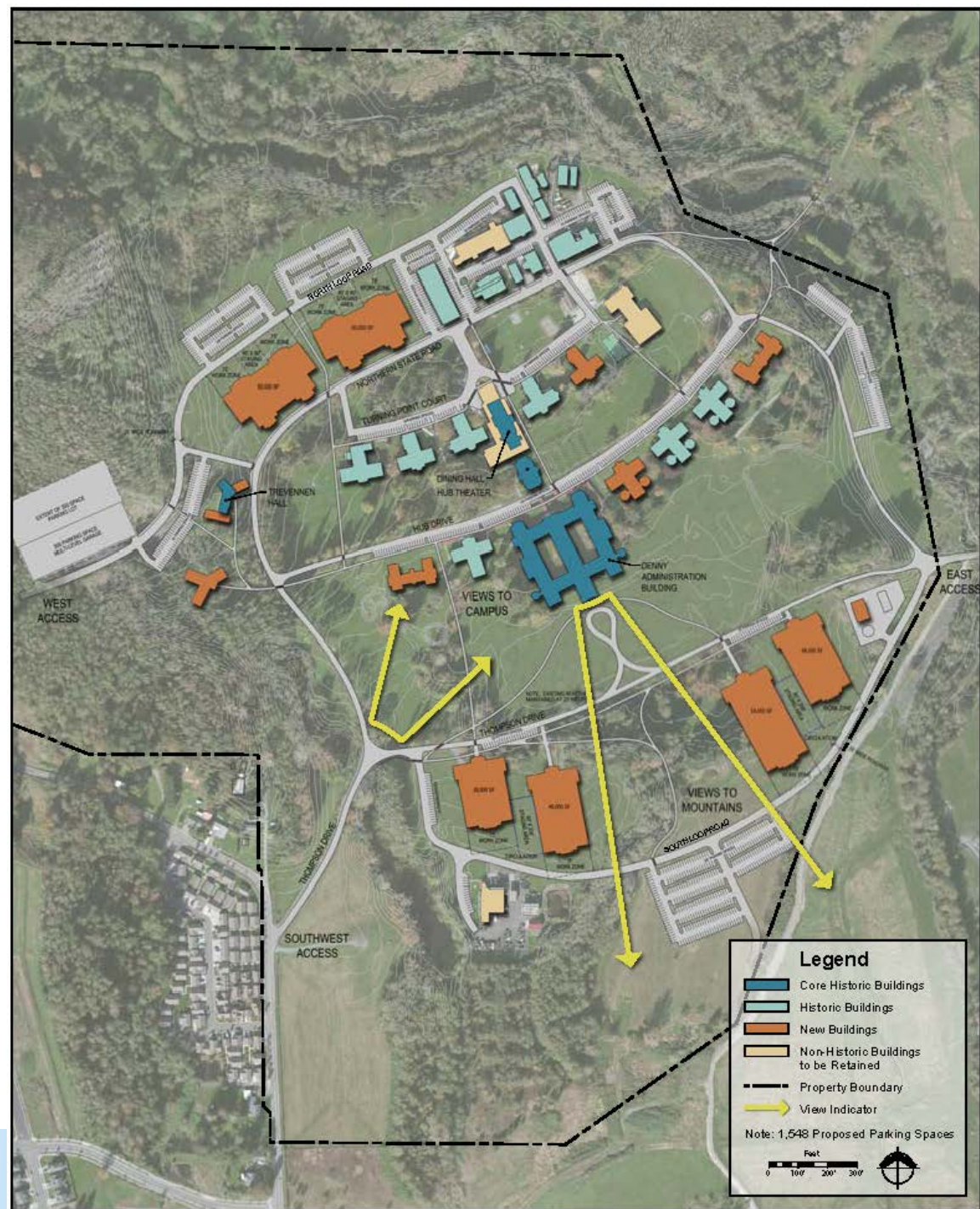


Port of Skagit
SWIFT Center



Site Background

SWIFT Center Master Plan



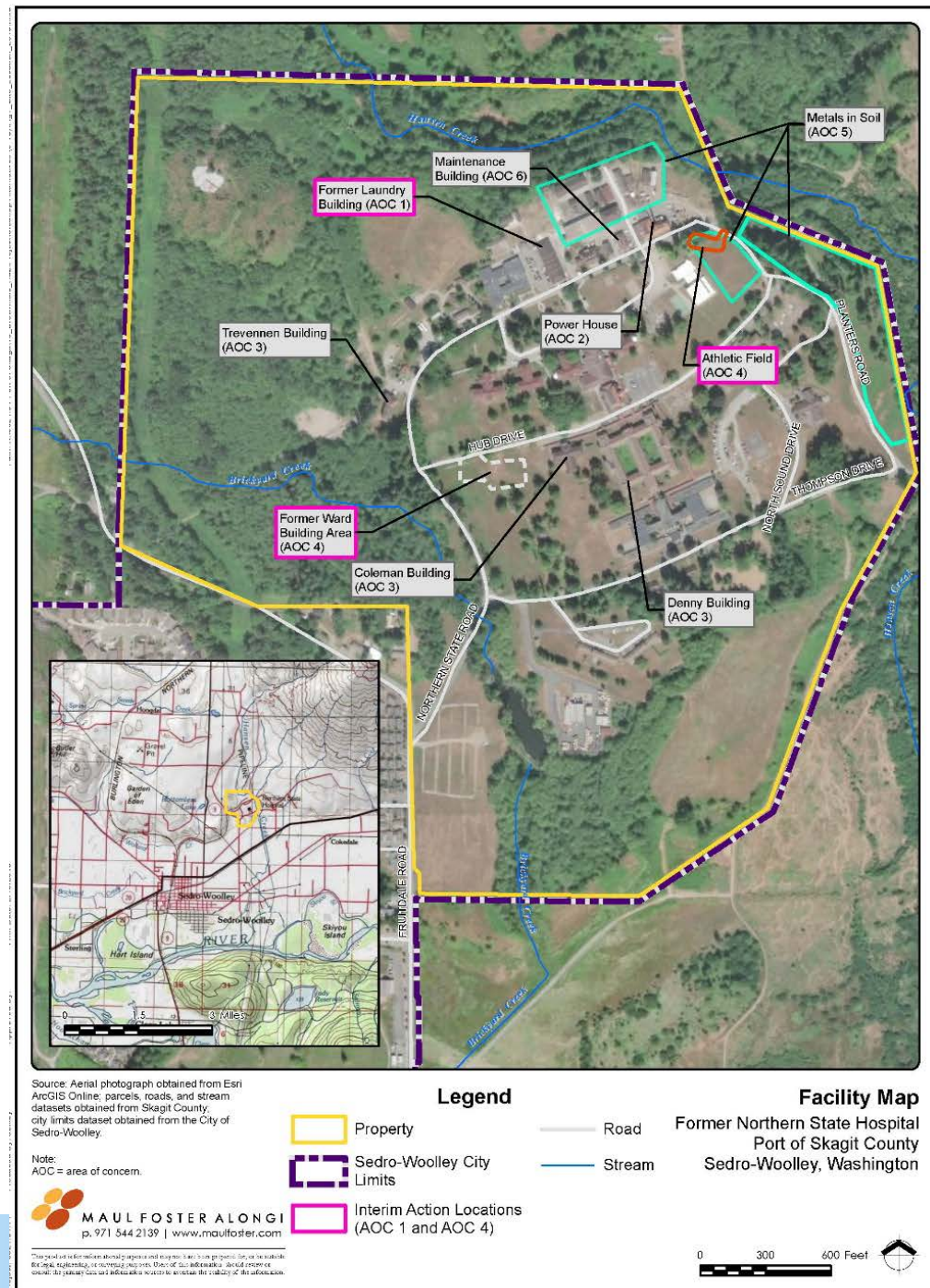
Cleanup Management

2019 Agreed Order

- Draft Remedial Investigation and Feasibility Study
- Interim Action Work Plan
- Draft Cleanup Action Plan

7 Areas of Concern (AOCs)

1. Former Laundry Building (Summer 2019)
2. Power House Building
3. Lead in Soil
4. Arsenic in Soil (Summer 2019)
5. Property-wide Metals in Soil
6. Maintenance Building
7. Lead and Arsenic in Groundwater



AOC 1: Former Laundry Building

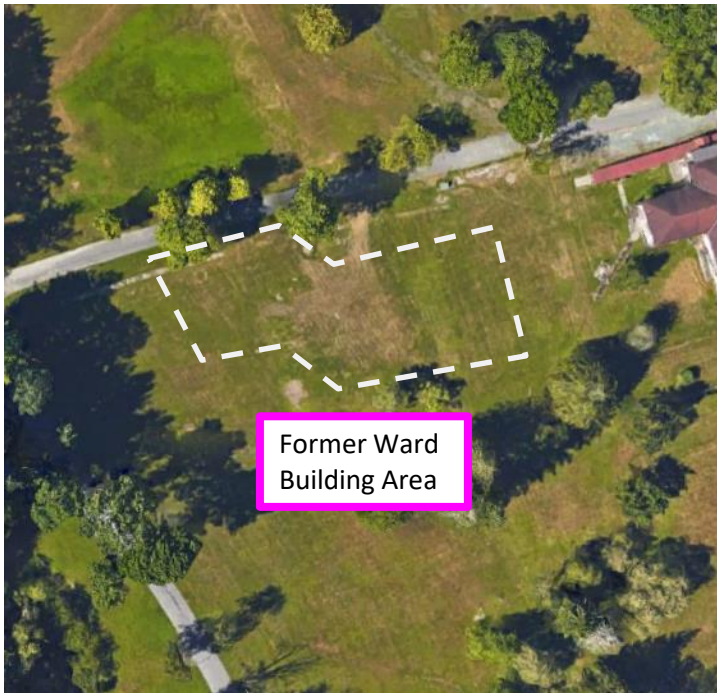


- **Environmental Findings:**
 - PCE and TCE in soil, groundwater and soil vapor
- **Summer 2019 Interim Action:**
 - Retro-Coat vapor barrier and monitored natural attenuation
 - In situ bioremediation and performance monitoring



AOC 4: Arsenic in Soil

- Environmental Findings:
 - Two isolated areas of arsenic in soil
 - Lead in soil collocated with arsenic in athletic field
- Summer 2019 Interim Action:
 - Hot spot excavation



AOC 2: Power House Building



- Environmental Findings:
 - Petroleum in soil
- Potential Remedy:
 - Soil management plan



AOC 3: Lead in Soil

- **Environmental Findings:**
 - Three buildings initially assessed
 - Lead in shallow soil associated with lead paint
- **Potential Remedy:**
 - Hot spot excavation
 - Soil management plan



AOC 5: Metals above Ecological Levels

- **Environmental Findings:**
 - Chromium above ecological screening criteria in shallow soil
- **Potential Steps:**
 - Net Environmental Benefit Analysis



AOC 6: Maintenance Building



- **Environmental Findings:**
 - Petroleum impacts in soil and groundwater
- **Potential Remedy:**
 - Excavation and oxygen releasing compound.



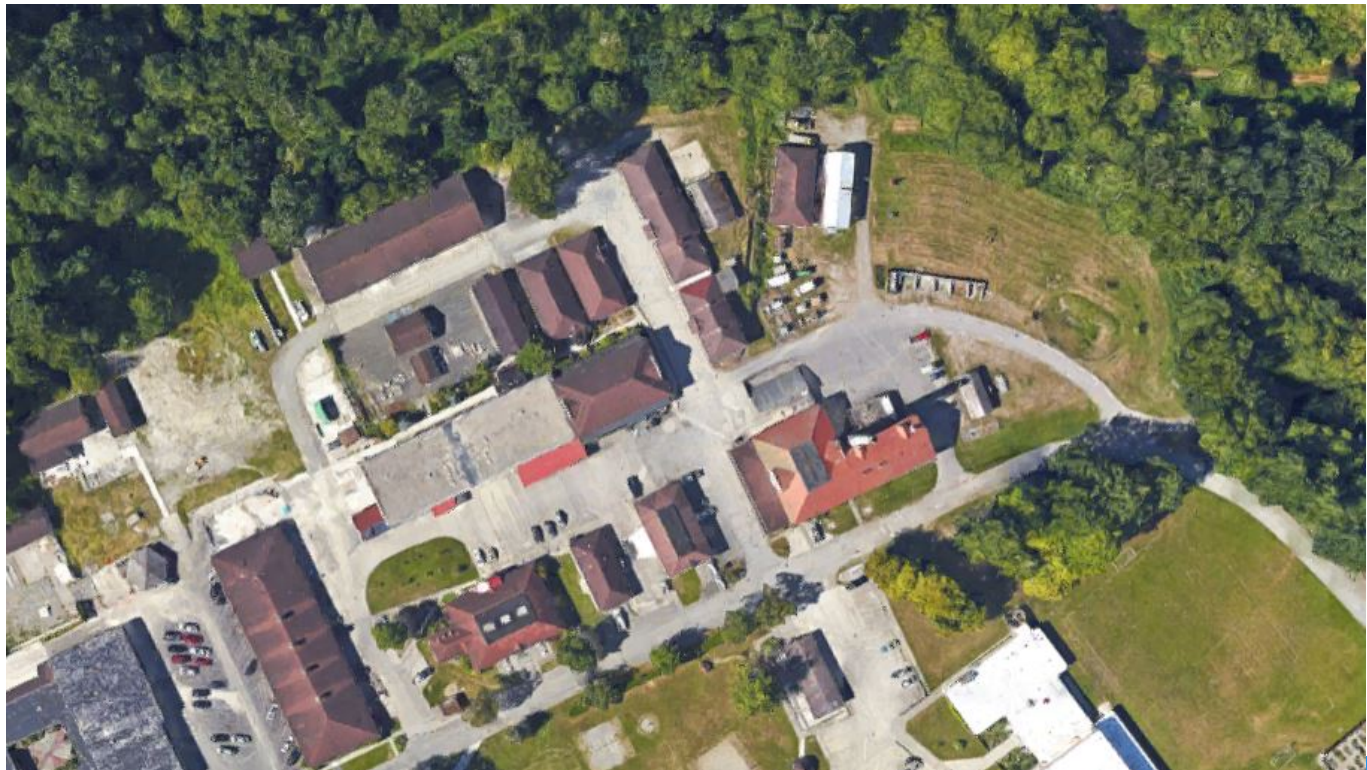
AOC 7: Lead and Arsenic in Groundwater

- Environmental Findings:

- Lead and arsenic in groundwater

- Potential Remedy:

- Evaluation during remedial Investigation and feasibility study



How to Comment



Comment Period: March 18 – April 16, 2019



Go online: www.bit.ly/Ecology-NorthernState-Comments
www.bit.ly/Ecology-NorthernState



Use comment card on sign-in table



Mail to:

Mark Adams – Site Manager
3190 160th Avenue SE
Bellevue, WA 98008-5452



DEPARTMENT OF
ECOLOGY
State of Washington



Questions?



Mark Adams

Site Manager

(425) 649-7107

Mark.Adams@ecy.wa.gov

Ian Fawley

Outreach Specialist

(360) 255-4382

Ian.Fawley@ecy.wa.gov



Port of Skagit

Heather Rogerson

Planning and Environmental Manager

(360) 757-0011

heatherr@portofskagit.com

