Goose Lake and C Street Landfill

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Presentation Overview

- **Overview**
- **Goose Lake Cleanup Site**
  - History
  - Cleanup Process
  - Cleanup Progress
  - Next Steps
- **Shelton C Street Landfill**
  - History
  - Site Hazard Assessment Process
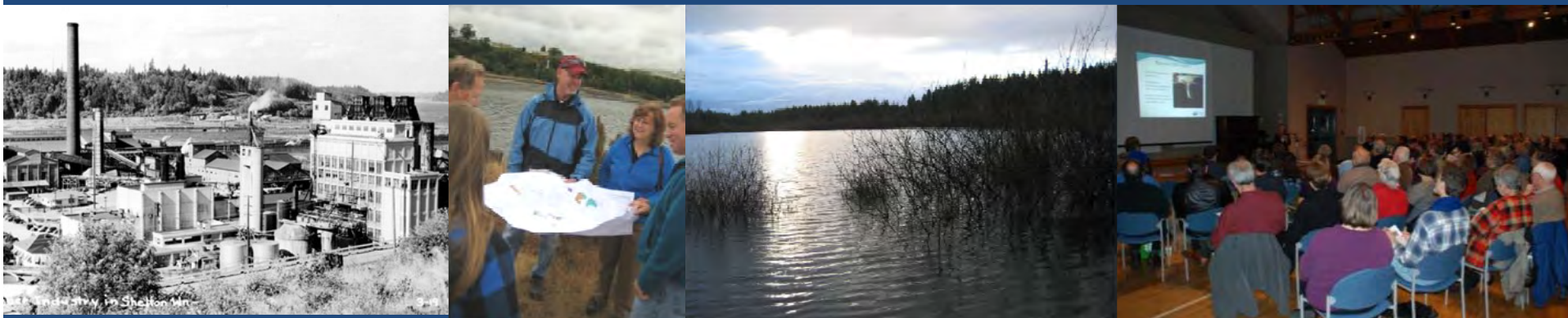 - Next Steps

Toxics Cleanup

- Important to be thorough and follow all of the steps of state cleanup regulations.

- Each site is unique and many factors can impact cleanup time frames.

- Public input is very important along the way.

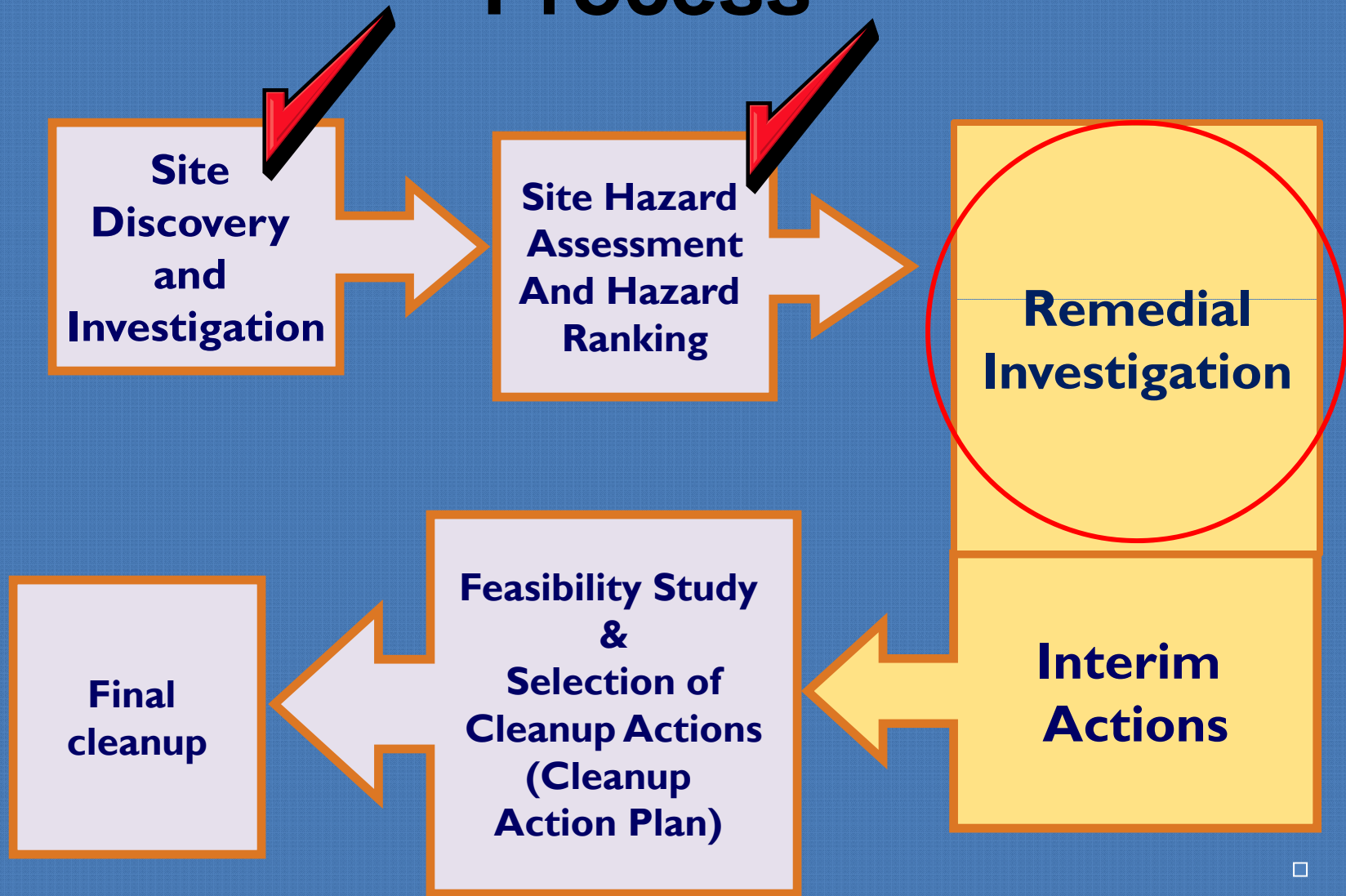# Area Map

Goose Lake Cleanup Site

Site History

- Lake received liquid waste from the former Rayonier pulp mill in Shelton from 1931 to 1943.

- Waste was pumped into Goose Lake from May 1931 until September 1934 through a wood pipeline.

- Discharge was moved to disposal lagoons west of the lake from 1934 through August 1943.

- The landfill received solid waste from 1936 to 1974. Some unauthorized domestic refuse was also placed in the landfill.

Site Map

N

Sanderson Field

Mason County Fairgrounds

Goose Lake

101

Legend:
- – – – Cleanup study area
- – – – Estimated disposal ponds
- ······ Estimated former landfill boundary

Model Toxics Control Act Cleanup Process

Site Discovery and Investigation ✓

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Site Hazard Assessment And Hazard Ranking ✓

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Remedial Investigation

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Interim Actions

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Feasibility Study & Selection of Cleanup Actions (Cleanup Action Plan)

←

Final cleanup

Cleanup History

- Investigations began in 1997.

- Rayonier was named potentially liable person in 1997.

- The site is ranked 2 (Washington Ranking Method).

- Agreed order signed in 2001.

- Multiple investigations between 1997 and the present.

- Shelton Hills named potentially liable person in 2013.

Investigation Results
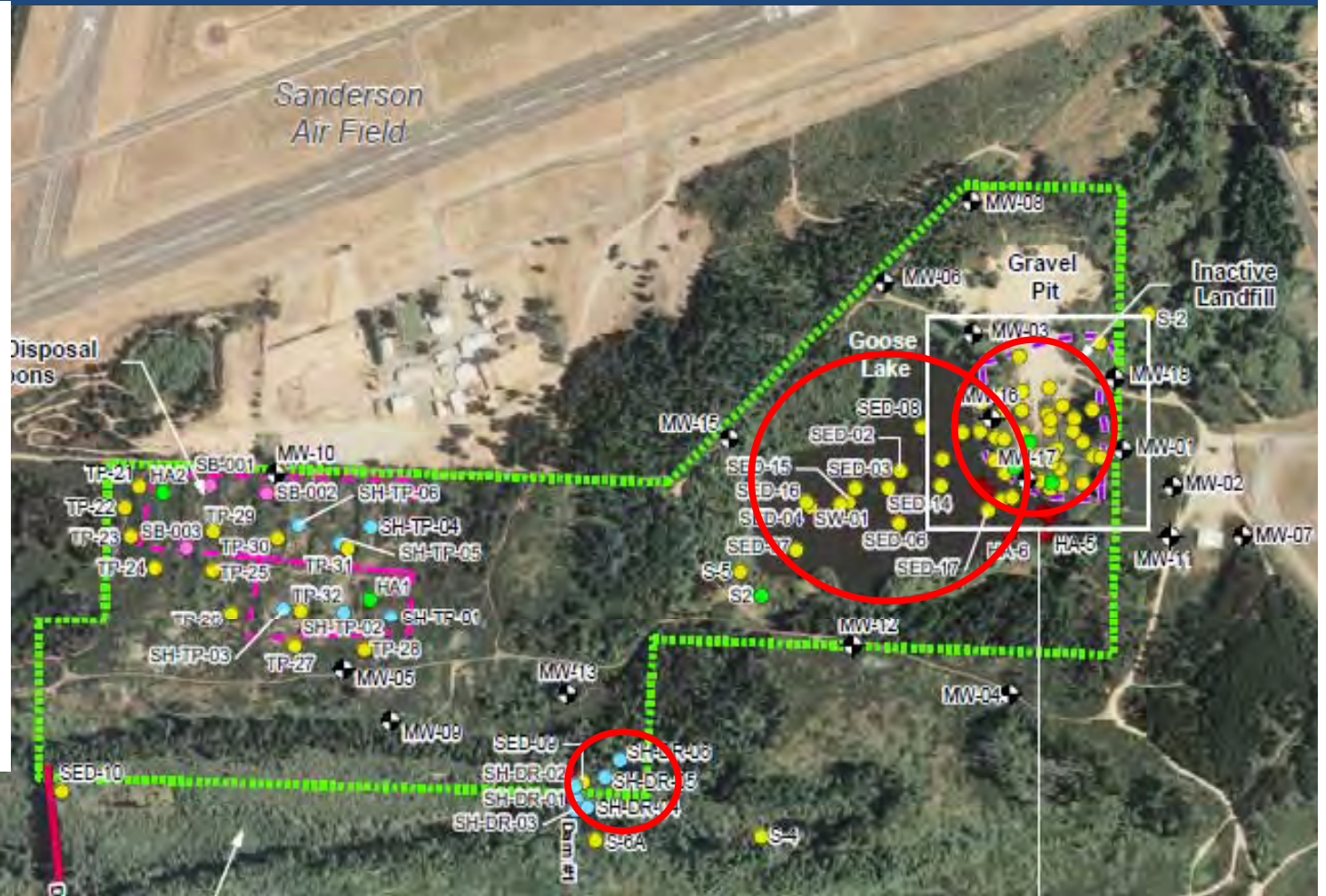
Next Steps

- Working with Rayonier to complete remedial investigation – Summer 2014

- Feasibility Study (Fall 2014) and draft cleanup action plan (Spring 2015) will follow

- Public comment periods on these documents

Goose Lake Contact

Connie Groven

Site Manager/Environmental Engineer

360-407-6254

Connie.Groven@ecy.wa.gov

Ecology's website:
https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=2537

Shelton C Street Landfill
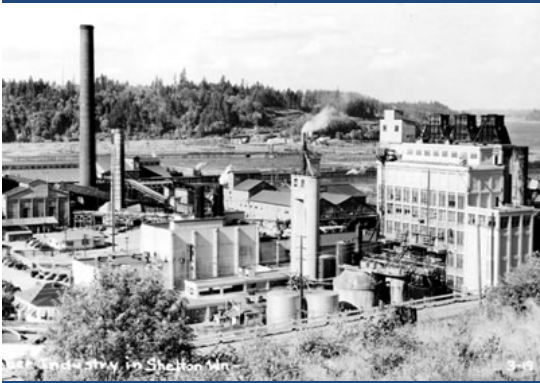
Approximate C Street Landfill Area

History

- City's municipal landfill in 1950s and 1960s.

- Disposal of municipal waste stopped in the 1970s.

- 1976 – 1981: wastewater treatment sludge containing ash from Simpson Shelton mill placed in site.

- Ash sampled by US Environmental Protection Agency in 1980s.

- Based on standards in place at the time, a 1986 report concluding work determined dioxin risk low.

Model Toxics Control Act Cleanup Process

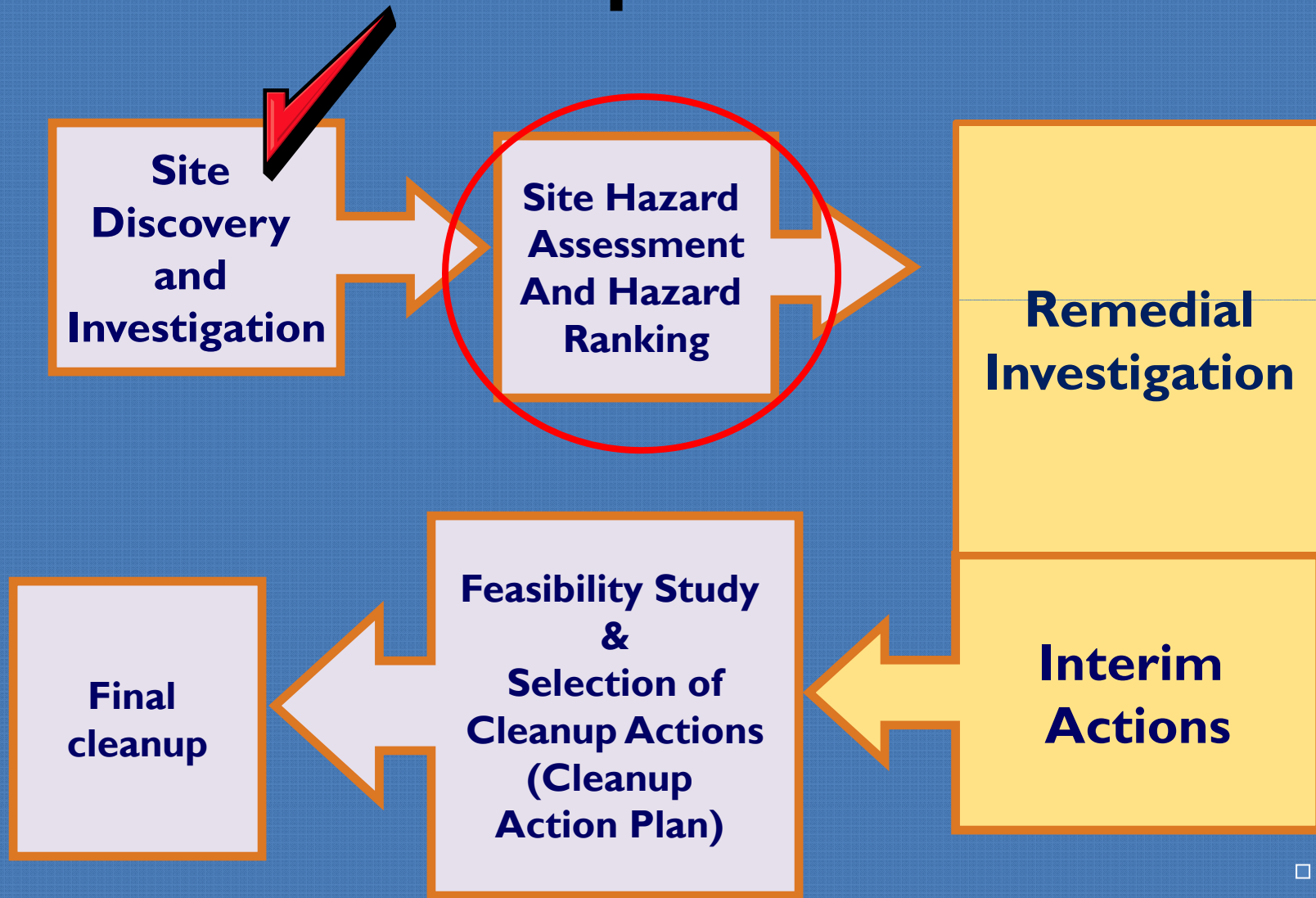**Site Discovery and Investigation** → **Site Hazard Assessment And Hazard Ranking** → **Remedial Investigation**

Remedial Investigation / **Interim Actions** → **Feasibility Study & Selection of Cleanup Actions (Cleanup Action Plan)** → **Final cleanup**

Site Hazard Assessment Process

- The Site Hazard Assessment (SHA) process evaluates potential risk and assigns priority for site cleanup.

- Ecology is evaluating the cost to collect current data. Work is contingent on funding.

- SHA results in a ranking used by Ecology to assign priority for cleanup under the state cleanup regulations.

- Sites are ranked 1 – 5, with one representing the highest relative importance for cleanup.

Next Steps

- Complete SHA and rank the site.

- Evaluate priority for cleanup.

- If selected for formal cleanup:

    - Complete a draft Remedial Investigation/Feasibility Study.

    - Complete a draft Cleanup Action Plan.

C Street Shelton Landfill Contact

Cris Matthews

Site Manager/Hydrogeologist

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Ecology's website:
https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=2295
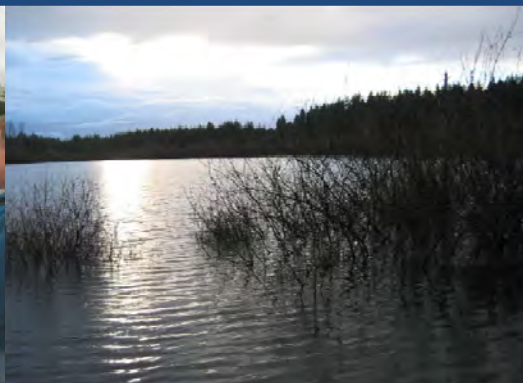
Public Involvement

Public Involvement Opportunities

- **Opportunities for involvement**
    - Comment periods (Agreed order, RI/FS, draft CAP)
    - Public meetings when needed
    - Ecology website

Natalie Graves, Public Involvement Coordinator:

360-407-0067 or Natalie.Graves@ecy.wa.gov to be added to mailing lists.

Integrated Planning Grant

Integrated Planning Grant

- Purpose: To help local governments develop integrated project plans for cleanup and reuse of a contaminated site.

- Eligibility: Local governments

- Available funding: Eligible costs usually up to $200,000.

- City of Shelton granted $200,000 in 2008.

- Renewed in 2013 with $170,000 remaining.

Thank you