

Federal Way Link Extension/ State Route 509 Midway Landfill Project

Public Meeting
February 11, 2020



Welcome – Who's Here?



Agenda



Presentation

- Cleanup Process
- Project Description
- Site History & Previous Cleanup Work
- Proposed Development & Construction
- Ecology Role & Documents
- Next Steps & How to Comment

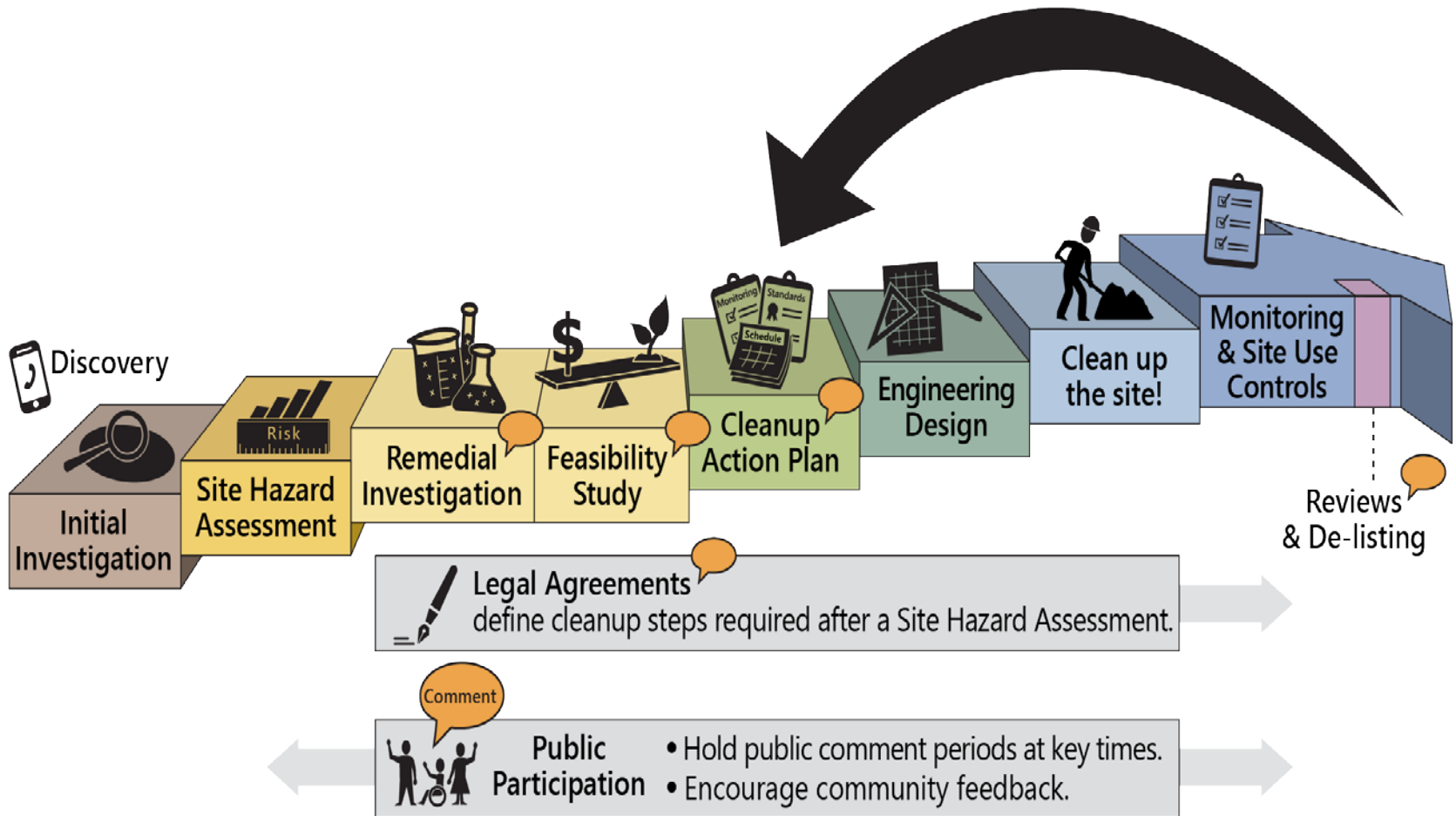


Hearing

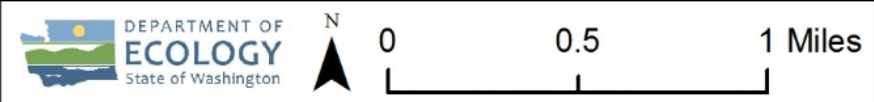
- Collect formal comments (audio recording)



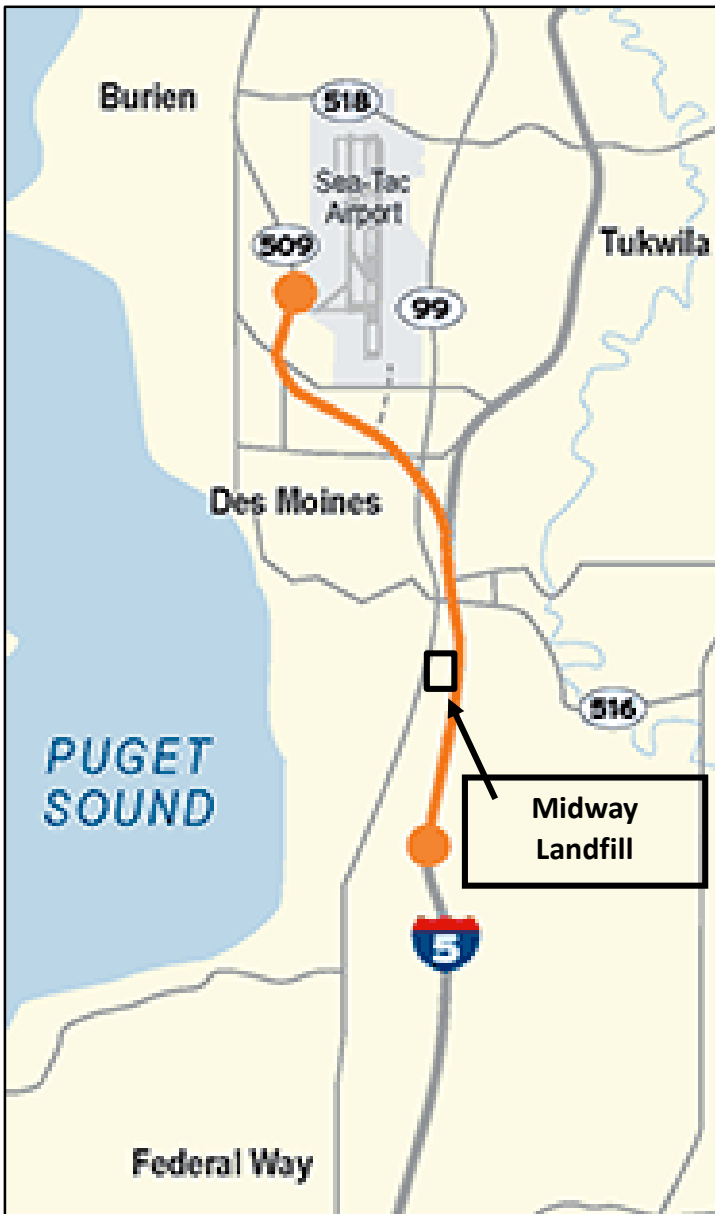
Washington's Formal Cleanup Process



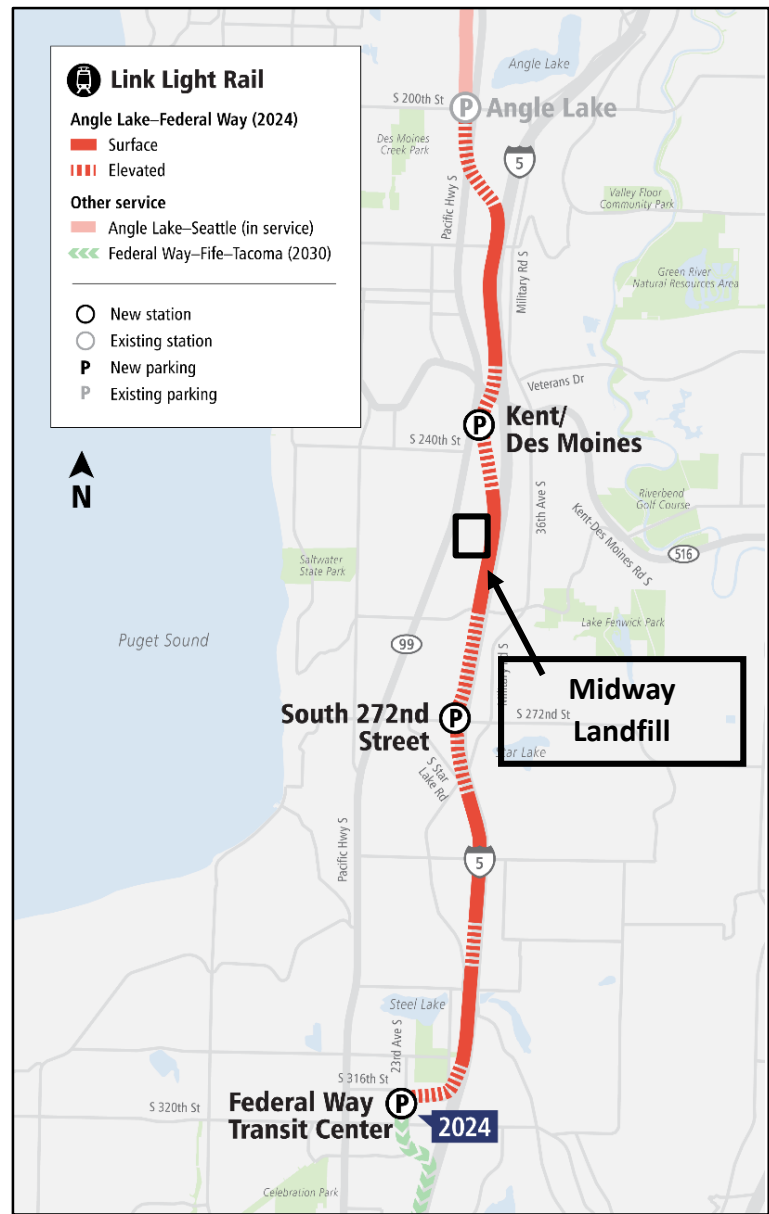

Midway Landfill Site



July 2018
Aerial Imagery
Leica Geosystems, Inc




**WSDOT SR 509
Completion Project**
<https://www.wsdot.wa.gov/Projects/SR509/completion>

**Sound Transit Federal Way
Link Extension**
<https://www.soundtransit.org/fwlink>

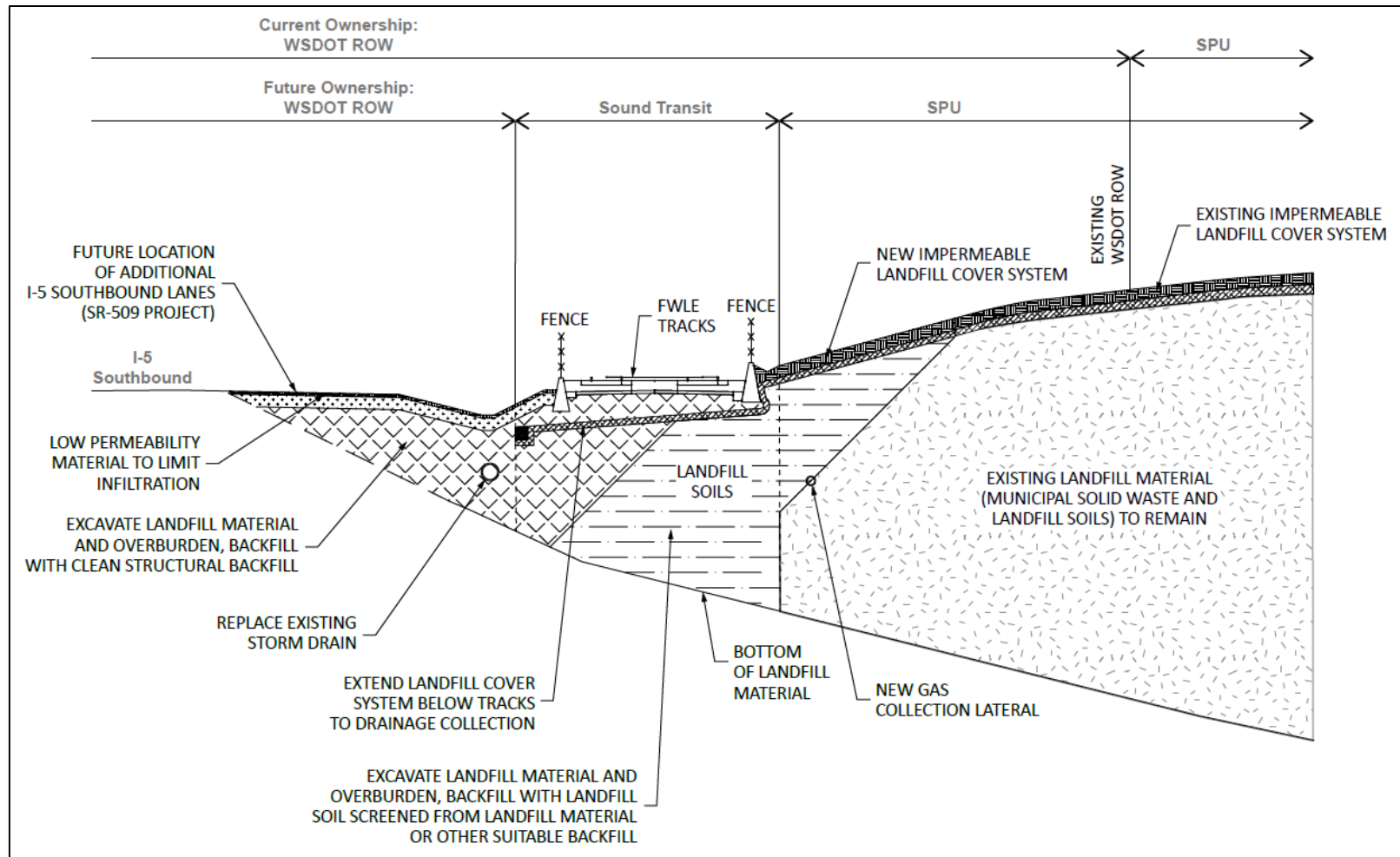
Federal Way Link Extension (FWLE) Midway Project Details

- Excavate landfill along rail line.
- Backfill with “good” soil.
- Dispose waste off-property to a permitted landfill.
- Re-install environmental protections:
 - Gas system
 - Landfill cover
 - Stormwater control



Conceptual Cross Section

FWLE Midway Project Waste Removal and Backfill



Ecology Documents for Public Comment



Consent Decree Amendment



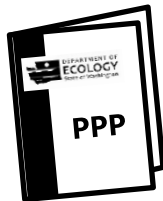
**Seattle
Public
Utilities**



**Prospective Purchaser
Consent Decree**



Cleanup Action Plan Amendment



Updated Public Participation Plan



Midway History - Gravel Pit



Looking North from near middle of gravel pit.

Reference:
WSDOT Photo Archives.



Applied Geotechnology Inc.
Geotechnical Engineering
Geology & Hydrogeology

Gravel Pit Operations in 1959

Midway Landfill
Kent, Washington

JOB NUMBER
14,169.102

DRAWN
NB

APPROVED
MAA

DATE
1 December 87

REVISED

DATE

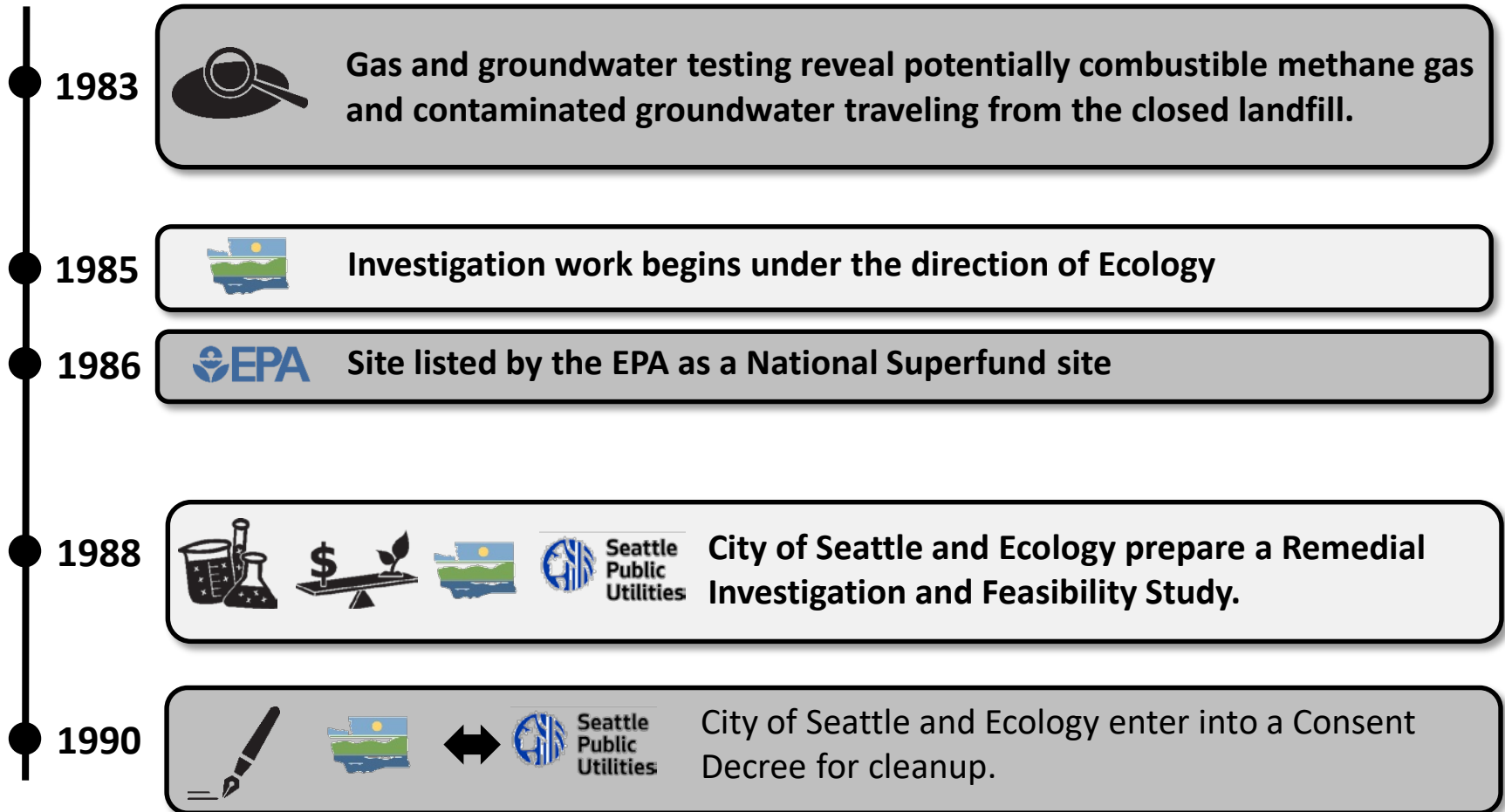
FIGURE

5

Midway History –Waste 1977



Midway History - Previous Cleanup Work



Midway - Cleanup Action, Monitoring, & Maintenance

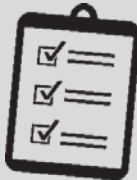
1992



City of Seattle completes remedial actions:

- Covered the landfill with an engineered, multilayered waterproof cap with a top layer of grass.
- Installed a gas extraction system to control methane.
- Controlled surface water.
- Fenced the landfill to limit access to the Site.

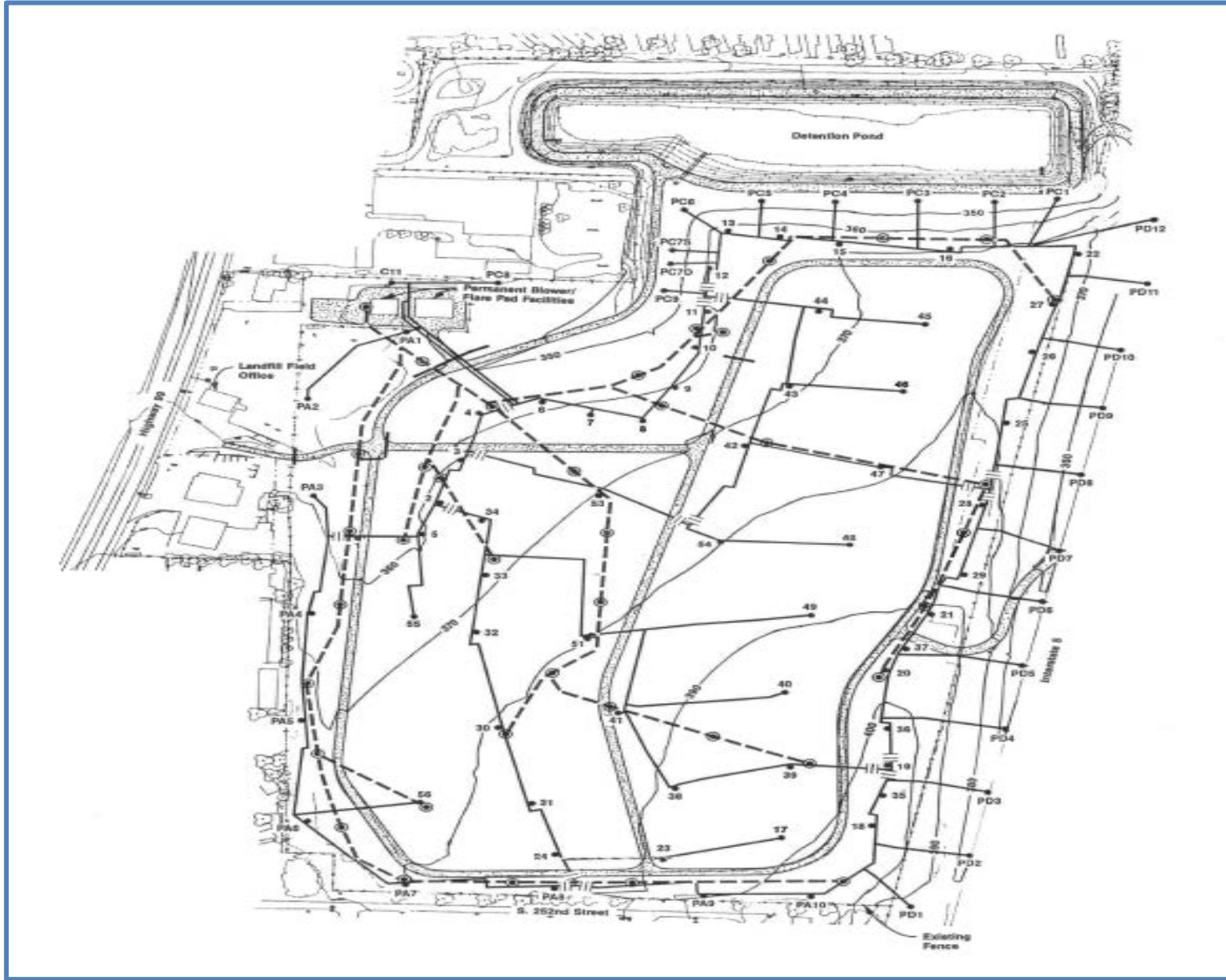
On-going



City of Seattle maintains these protective features and monitors groundwater quality and landfill gas at the Site.



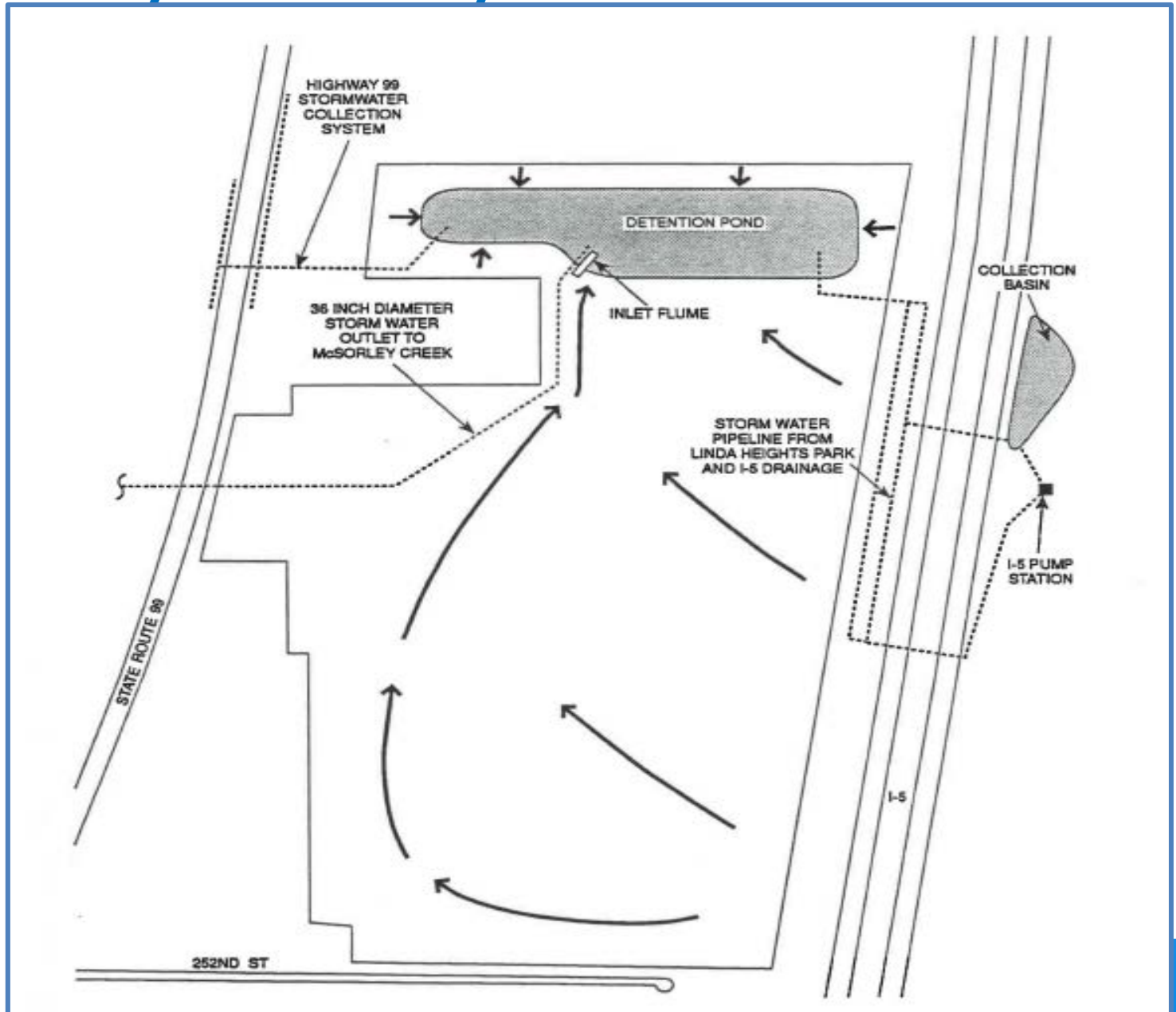
Midway History – Gas System



Midway History – Landfill Cap



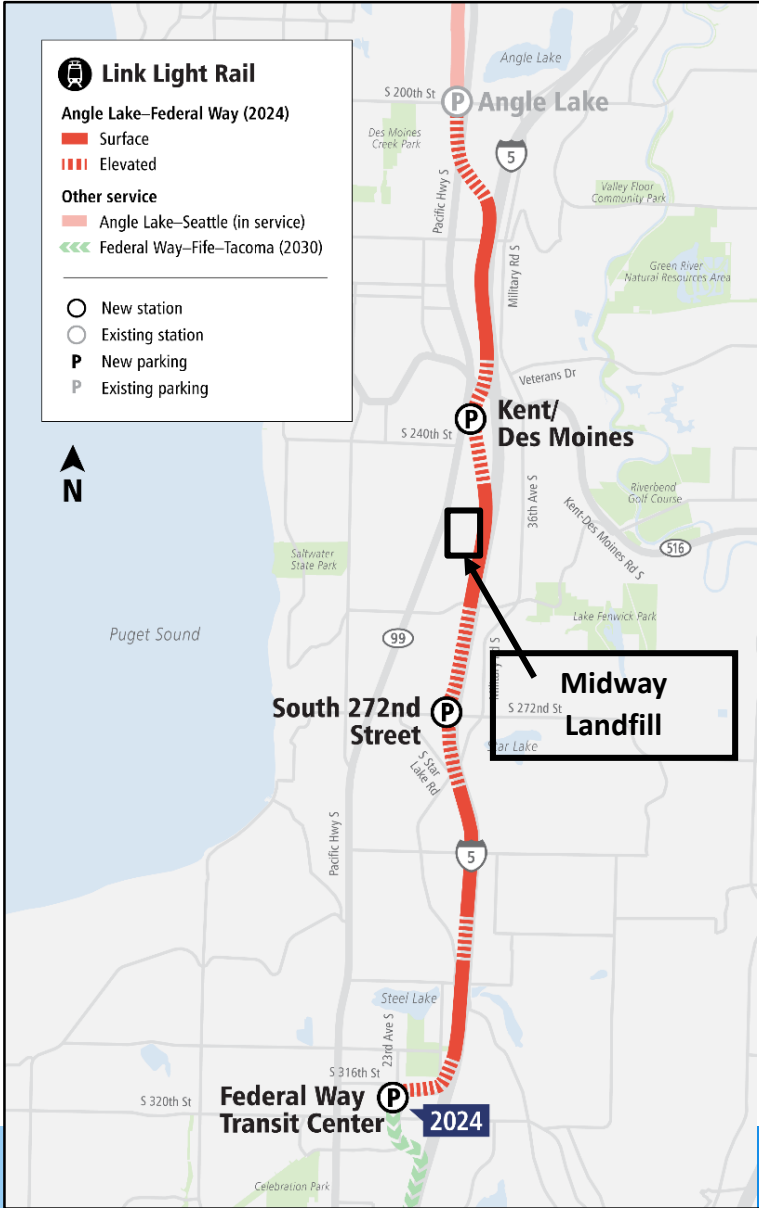
Midway History – Stormwater



Midway Waste Excavation



Federal Way Link Extension



Federal Way Link Extension



[Federal Way link light rail flyover tour](#)



Federal Way Link light rail flyover tour



Watch later Share



S 252nd St
Midway Landfill

MORE VIDEOS



2:50 / 6:20



Key Focus: Environmental Protection



Proposed development will protect human health and the environment during and after construction.



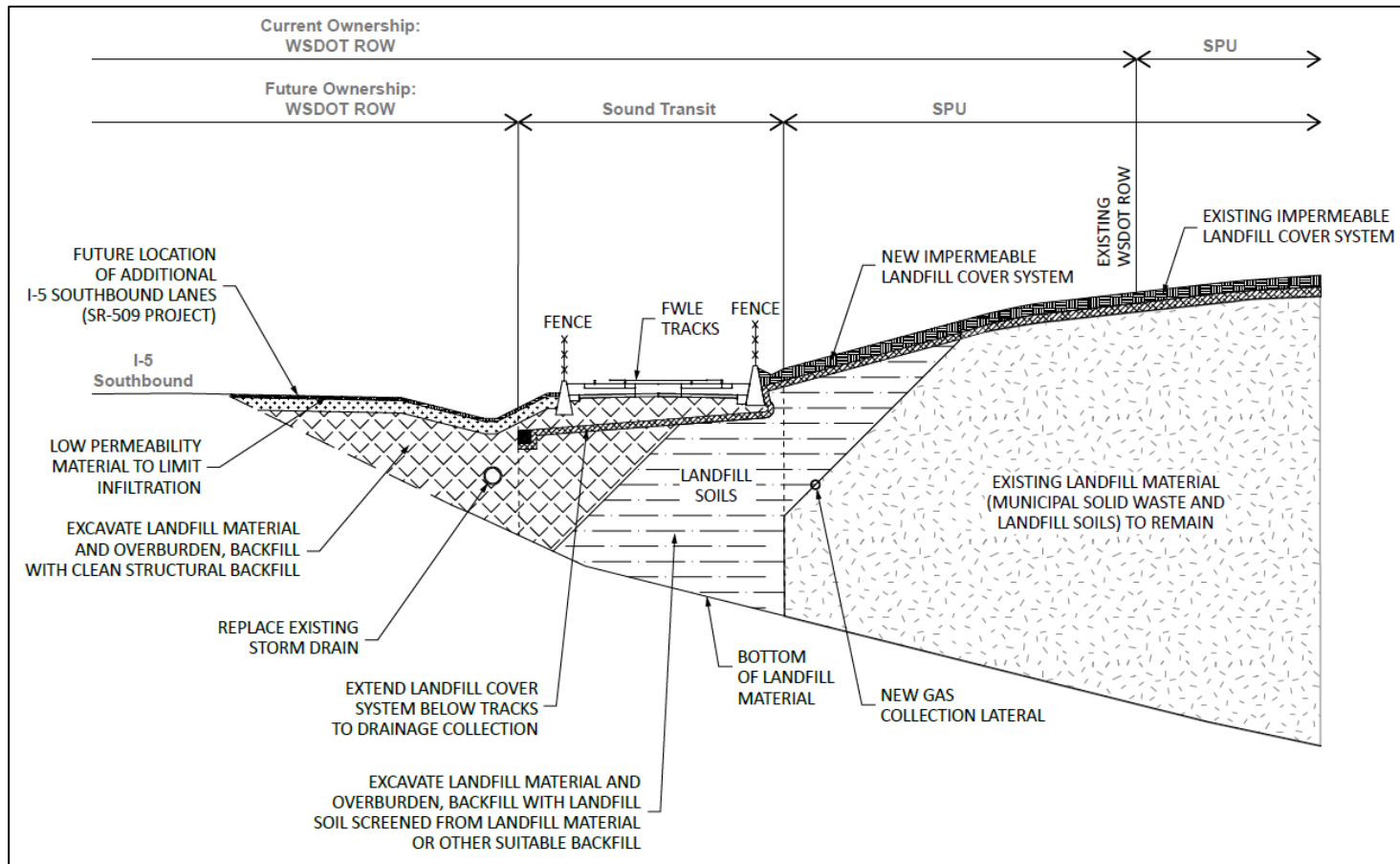
SOUNDTRANSIT



Construction Process & Impacts



- Remove Landfill Material
- Backfill Material
- Impermeable Cover System
- Gas System
- Surface water management system
- Track Construction



Construction Timing



Kiewit

Summer 2020

Groundbreaking

- Remove & dispose of landfill material
- Reconstruct gas collection and stormwater systems
- Construct FWLE light rail



**FWLE
light rail**


SOUNDTRANSIT



Construction Access from I-5



Kiewit

**FWLE
light rail**



Protecting Air Quality



We will protect against dust, odors and releases of gases during and after construction.



Image icons : Beau Wingfield (vapor) and Adrien Coquet (smell) from Noun project

Noise Impacts



- Large scale equipment
- Primary Work Schedule
 - 7am-6pm M-F
 - Additional times worked as needed



Site Control and Disposal

Environmental & Safety Controls

- Manage stormwater/erosion
- Control track-out
- Security fencing for the site
- Cover loads transported on roadways



Ecology Roles and Responsibilities



Regulate the cleanup process



Review all project details to protect human health and the environment



Coordinate public participation



Consent Decree
Amendment



Prospective Purchaser
Consent Decree



Cleanup Action
Plan Amendment



Updated Public
Participation Plan



Cleanup Action Plan (CAP) Amendment

The CAP Defines requirements for:



- Removal and disposal of landfill material (municipal solid waste and landfill soils)
- Protection and repair of the disturbed landfill cap and infrastructure systems
- Approval and documentation of the work



What happens next?

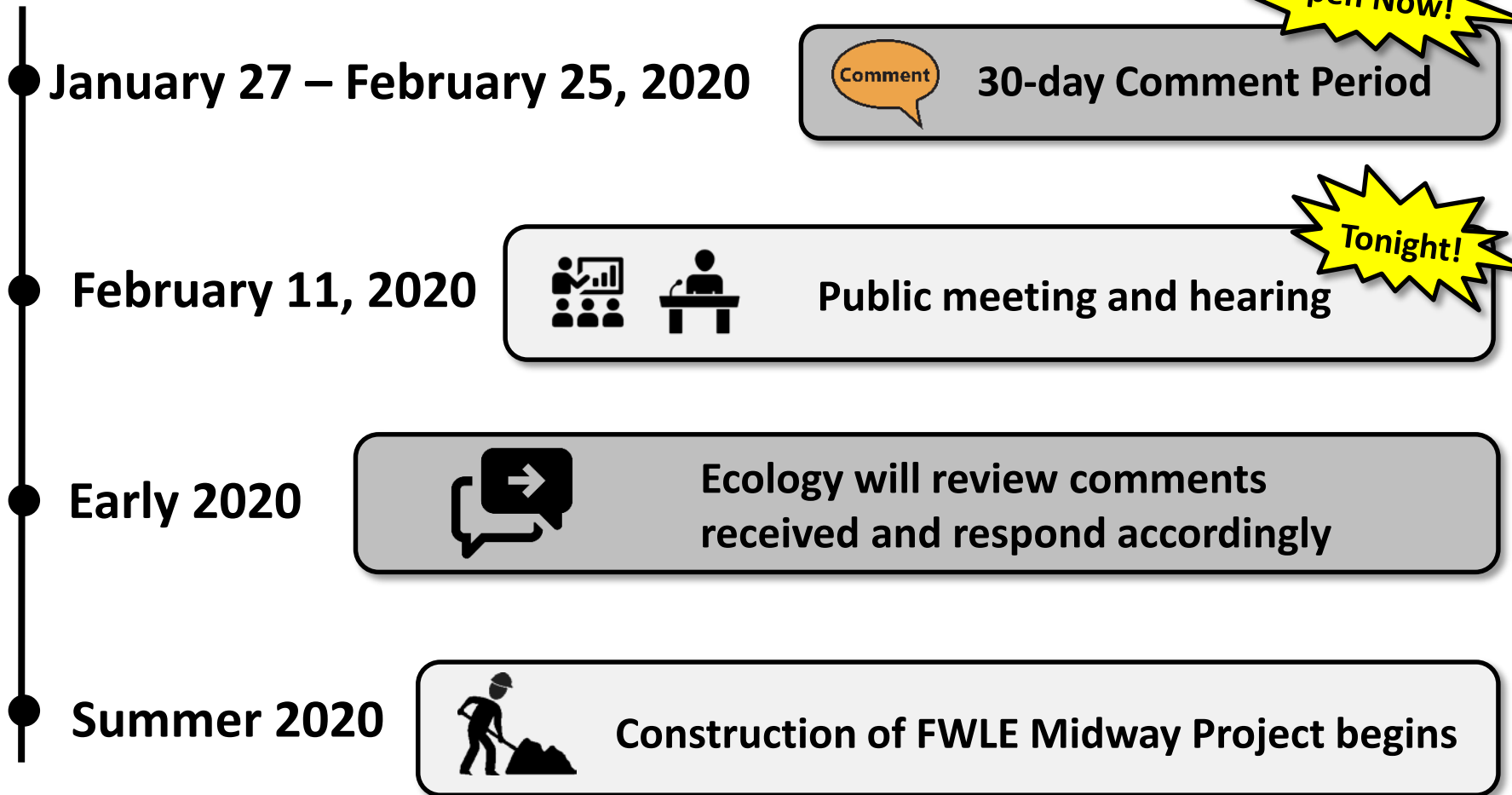


Image icons : Gregor Cresnar (presentation and respond) and Vectors Point (hearing) from Noun project



How to Comment



Comment Period:
January 27– February 25, 2020



Go online: <http://bit.ly/Ecology-MidwayLandfill-Comments>



Use a comment form located at the sign-in table



Mail/email to:

Mark Adams – Site Manager
3190 160th Avenue SE
Bellevue, WA 98008-5452
Mark.Adams@ecy.wa.gov



Questions?



Mark Adams

Site Manager

425-649-7107

mark.adams@ecy.wa.gov



Jefferson Rose

Community Outreach Manager

206-370-5568

fwle@soundtransit.org

Construction Hotline

1-888-298-2395



**Seattle
Public
Utilities**

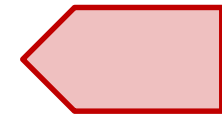
Jeff Neuner


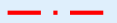
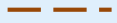

Midway Program Manager

206-684-7693

Jeff.neuner@seattle.gov

Future Land Ownership



-  New Sound Transit Guideway
-  Current SPU Property Boundary
-  Future Sound Transit Property
-  Approximate Project Work Area



Sound Transit
Federal Way Link
Extension

Future Property Ownership =
City of Seattle

Future Property Ownership =
Sound Transit

Approximate Limits of Work
Affecting Midway Landfill

Midway Landfill Property
Boundary & Existing WSDOT
Right-of-Way Line

