

Spring 2026

CEDAR HILLS REGIONAL LANDFILL COMMUNITY MEETING



King County

Department of Natural Resources and Parks
Solid Waste Division

Meet Our Presenters



Rebecca Singer
King County Solid Waste
Division Director



Mark Monteiro
King County Solid Waste
Operations Manager



Chris Stubbs
King County Solid Waste
Deputy Division Director



Aaron Copado
Environmental Scientist

Tonight's agenda



- Welcome & introductions
- Landfill operations
- Construction & gas monitoring
- Property acquisitions & planning
- Environmental compliance
- Question & answer period



**Sign up for landfill
updates**



**Reach our customer
service team**

206-477-4466

Landfill Operations



Mark Monteiro

**King County Solid Waste
Operations Manager**

Operations Updates



Construction season resuming for three major projects: Area 5/6 and Area 9 preparation, Area 8 Stage 1 Closure

Project timelines:

- Area 5/6 projected start May 2026
- Area 8 projected closure April 2026
- Area 9 prep May 2026

Primary Contractors: Scarsella and Goodfellow Brothers with additional sub-contractors

Relocation of landfill employees to North Flare Station, August 2026

CHRL Site Activity: May 2026

Area 5 & 6 preparation

May 2026 – Dec. 2028

Export of interim cover soil, installation of landfill gas collection, conveyance systems, leachate collection infrastructure, and preparation for refuse placement and final cover.

Current status: Contractor currently mobilizing to site to start work on Area 5W.

Area 8: Stage 1 closure

May 2025 – July 2026

Installation of final and interim cover system, landfill gas collection, conveyance systems, and leachate collection infrastructure.

Current status: Contractor currently working on finishing final cover system on south slope, interim cover on east slope.



Area 9 & Area 4 stockpile

May 2025 – Sept. 2027

Demolition of existing maintenance facilities and excavation of Area 9 refuse cell.

Current status: Contractor mobilized. Developing demolition plan to start in June. Processing available soils for A9 stockpile.

Interim Facilities Relocation

June 2025 – Nov. 2026

Relocation and reconfiguration of existing support office and facility spaces at north and south end of landfill.

Current status: Construction and site reconfiguration is ongoing. Permanent move plan and schedule under development. Permanent moves targeted for later this year.

Construction and monitoring



Chris Stubbs

**King County Solid Waste
Deputy Division Director**

2026 construction projects

4 Interior Header

- Going to bid this summer

Area 8

- Final lifts and environmental controls
- Safety improvements to haul road

Lead contractor: Goodfellow Brothers Inc.

Area 9

- Development underway

Lead contractor: Goodfellow Brothers Inc.

Area 5 and 6

- Soil removal, adding environmental controls for new waste

Lead contractor: Scarcella

Landfill facilities and functions

- Temporary relocation underway

Lead contractor: Western Ventures



Major asset rehabilitation



North Flare Station

- Refractory (insulation) replacement to Flare 2
- Replacement of flare tips
- Drone inspection of flares for hot spots

Contaminated Stormwater (CSW)

- Upgrades to pump station 1A
- Conveyance line replacement/repairs

Leachate lagoon liner

- Access installation and inspection June/July

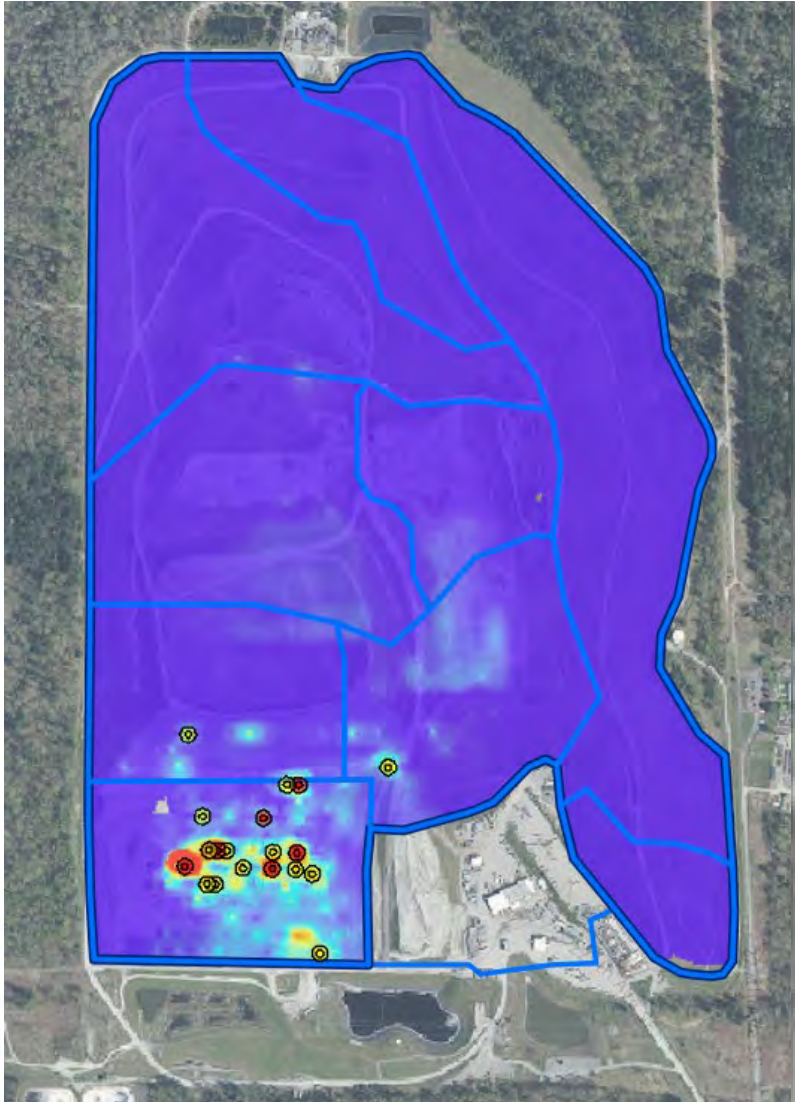
Vault lids

- Replacements scheduled at SR 169 & 154th NE

Stormwater infrastructure

- Repairs currently underway

Landfill gas emissions



Increase in emissions between 2024 and 2025

Driven by construction, operational adjustments, and CHARGE plant start-up

Drone monitoring data supports trend analysis

Future projects and acquisitions



Rebecca Singer

**King County Solid Waste
Division Director**

Projects under design & study for 2026

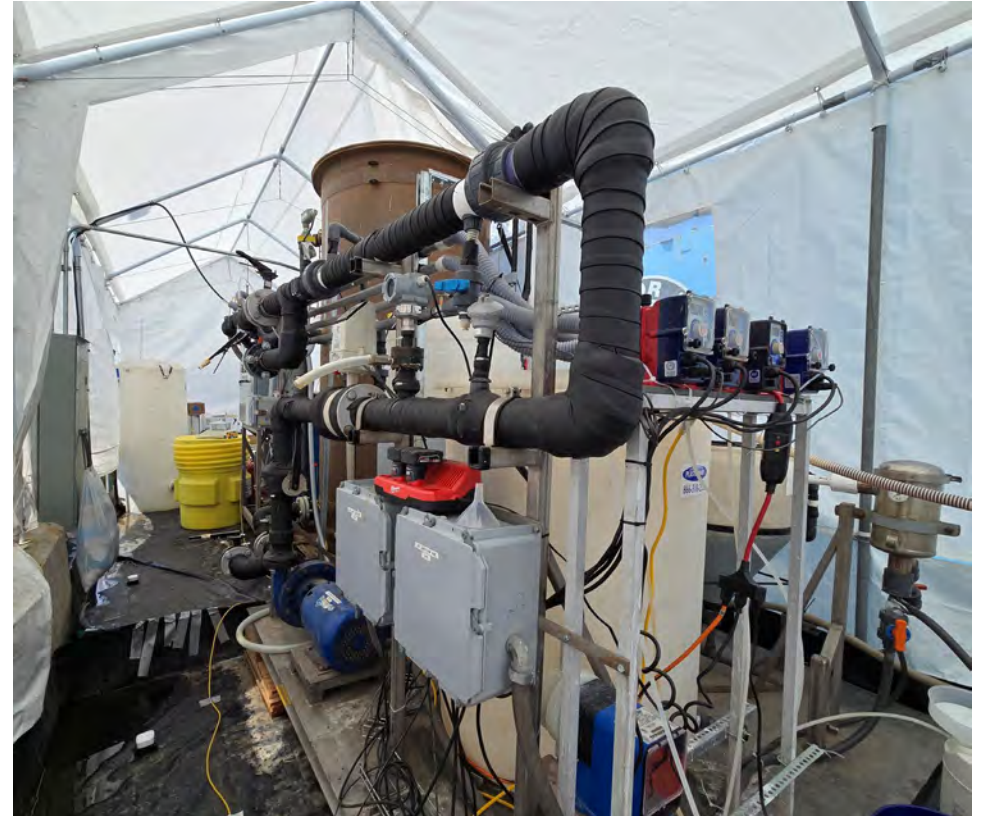
Leachate lagoons improvements

Stormwater modeling

Leachate conveyance line condition assessment

Arsenic removal from leachate and condensate

Site-wide hydrogeologic study



Eastern property acquisition



Fencing placed around properties purchased before April 2026

Trees cut during fencing now replaced, irrigation in-place

Patrols of parcels discontinued in April

Three additional owners reached out regarding selling property

SWD purchased two parcels in 2026

- Fencing will be installed in fall/winter 2026
- Houses will not be included in current deconstruction project

Eastern property deconstruction



Contract could not be awarded due to misunderstanding of deconstruction language

SWD staff working to update bid package to add clarifying language

Bid package sent to King County procurement team mid-May

If project successfully awarded, anticipate completion spring of 2027

Sites will be left with erosion control in place, some trees remaining, no landscaping



Learn more about the benefits of using deconstruction methods

Eastern property site maintenance



Landscaping services to be discontinued.
Will continue to monitor for Class B & C invasive weeds.

Dry weather ditch maintenance in the right of way is responsibility of King County Department of Local Services, not SWD.

Driveway culverts to be removed during deconstruction and returned to open ditch.

Landscape services on 2027 property purchases will continue until deconstruction.

Eastern property site restoration



Working with Parks to design predevelopment site restoration plan for 2027

Currently plan to request Conservation Corps and volunteers for planting events in fall 2027

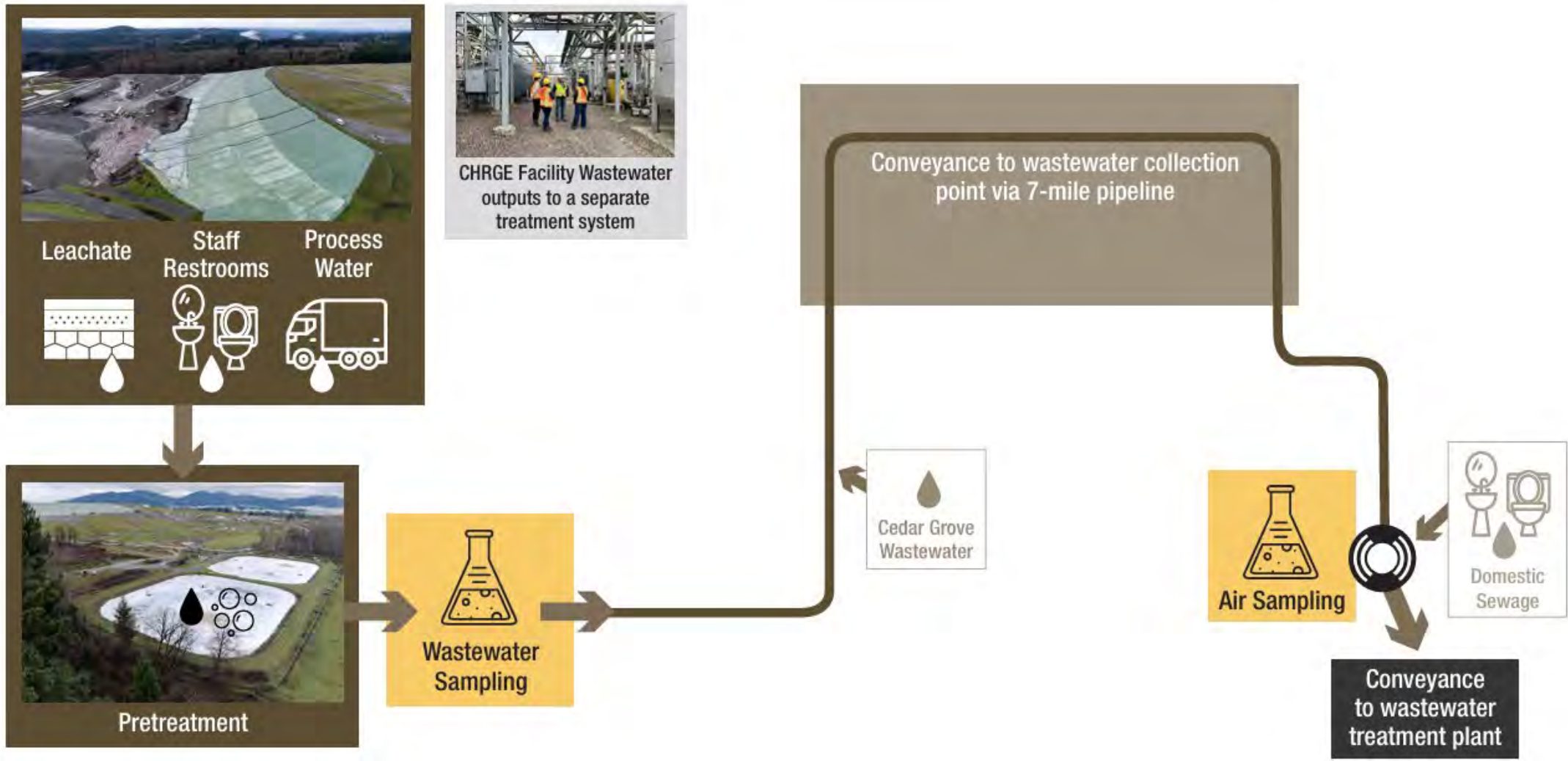
Environmental monitoring & compliance



Aaron Copado

**King County Solid Waste
Environmental Scientist**

Cedar Hills Regional Landfill wastewater system



Industrial wastewater compliance status

Discharge Limit	Compliance Status	Corrective Action
 Volume of wastewater discharged per day	 Consistent compliance	N/A
 pH	 Consistent compliance	N/A
 Metals concentrations	 Consistent compliance	N/A
 Metals loading per day	 Reoccurring non-compliance	Pursuing new treatment to remove arsenic*
 Sulfides	 Occasional non-compliance	Adequate aeration

*Per compliance order issued by King County Industrial Waste Program



Consistent compliance



Reoccurring non-compliance



Occasional non-compliance

Arsenic air monitoring – precursor to current strategies

Administrative Order

- Issued by Puget Sound Clean Air Agency (PSCAA) in November 2023

SWD required to evaluate toxic air pollutants – specifically arsenic in landfill emissions

- If results indicate Acceptable Source Impact Levels (ASILs) may be exceeded, control emissions using Best Available Control Technology (BACT)

No relevant data existed at the time; novel study was needed to evaluate arsenic emissions

Arsenic air monitoring – current status

July 2025 sampling results received

Ambient air results similar at:

- Offsite location (upwind)
- Fenceline locations (upwind and downwind)
- Regional monitoring location (Beacon Hill)

Results neither ruled out nor confirmed lagoons as a source of arsenic emissions

Fourier Transform Infrared testing: no arsine detected

Improved confidence in flare inlet and outlet test results

Dispersion modeling underway

Model predicts whether & where ASIL exceedances may occur

Final report with model results anticipated summer 2026

Model represents
100% LFG flaring

Actual LFG flaring
~8%

Air monitoring – next steps

- Submit final modeling report to PSCAA
- BACT determination
- Receive Order



Q&A

Panelists will do their best to address all questions during the meeting

If time does not allow us to answer all questions, answers will be prepared and posted on the Cedar Hills Regional Landfill Community Meeting page.



Thank you for joining us!



Contacts

Landfill concerns 24/7

206-477-4466

Emergency

911