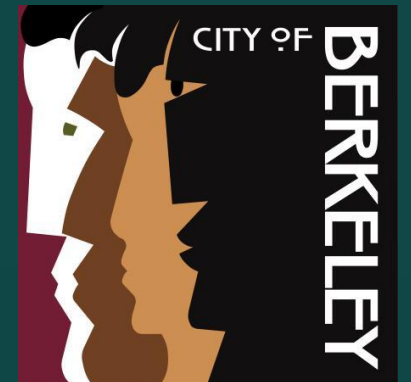


Berkeley Closed Landfill Improvement Project 2024



Background



Photo Credit: Michael Layefsky

- The former landfill was closed in 1983, sealed with a clay cap, and, in 1989, had an underground gas collection and control system installed.
- Over the past 41 years, the gasses have continued to diminish.
- Less than continuous operation was granted in 2009, renewed every three years until it expired in 2018.
- A smaller flare was installed in late 2015 which included major upgrades to the wellfield.
- More data is needed to determine next steps.



Photo Credit: Mary Skramstad

Abatement Order

- We are working closely with environmental regulators to maintain effective controls over operations.
- This entails:
 - ✓ System repairs and improvements
 - ✓ Regular testing
 - ✓ Weekly and monthly monitoring

Improvements

1. Replace outdated components

Due to age and deterioration, some parts need to be replaced (i.e. valves and sample ports).

2. Install new boot seals and replace existing bentonite seals below grade

The intention of the seals are to limit air intrusion.

3. Upgrade Vault Boxes

This upgrade will improve access, reducing the need to dig in the future.

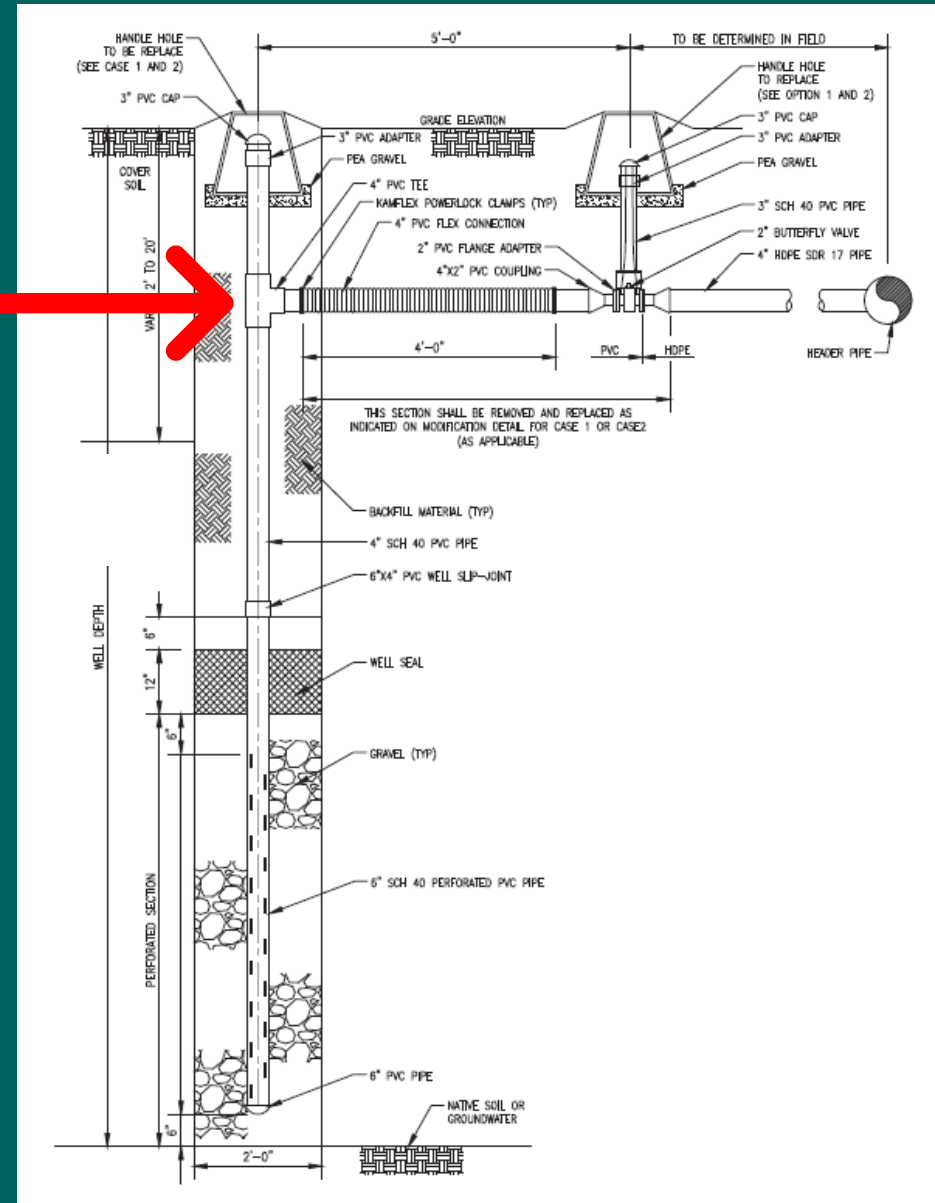


Case I – Modification for shallow lateral connection (Typical).



Case II – Modification for deep lateral connection (Typical).

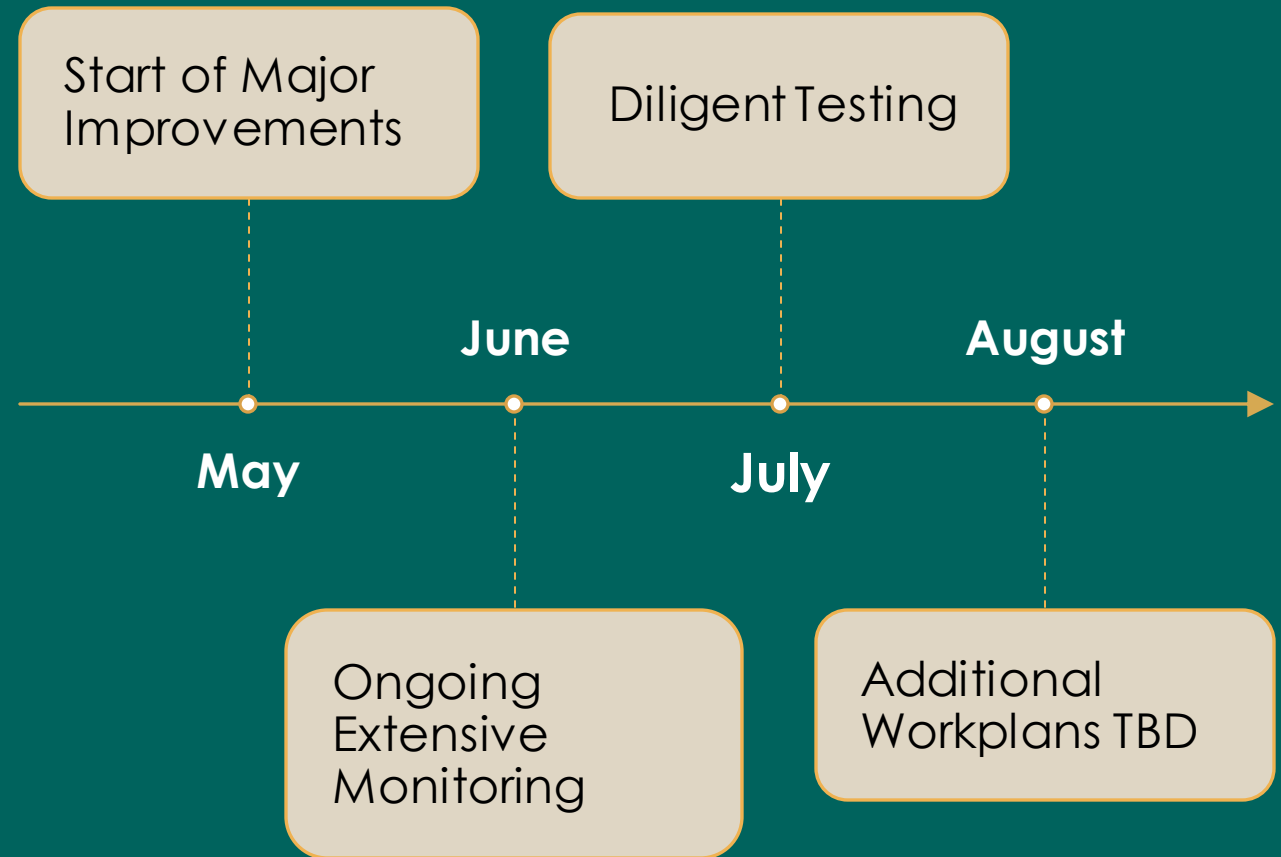
Schematic of extraction wells





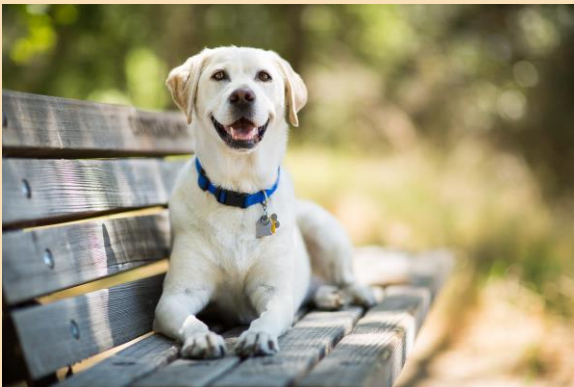
- Major improvements are scheduled to begin **May 6th** and is estimated to end late **June 2024**.

This timeline is subject to change





Impacts to Park Users



- Activities will include closing off small areas of the park to the public.
 - As work continues, the location will change to different areas of the park. See webpage for updates
-
- The park will continue to be a thriving, safe area for dog walkers, kite fliers, and those bringing family for walks.
 - No additional limits need to be placed on activity in the park.

Zero Waste Strategic Plan (In Progress)

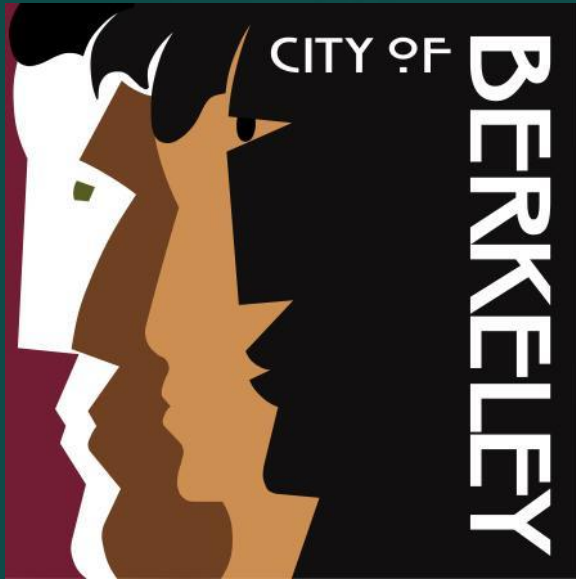
- Plan will establish a framework and roadmap for reaching Berkeley's goal of sending zero waste to **landfills**.



Berkeley Clean Water Program – Trash Clean Up

5 STEPS TO ACHIEVE ZERO WASTE





Questions

Weekly updates will be posted at:

<https://berkeleyca.gov/your-government/our-work/capital-projects>

Email: PWEngineering@berkeleyca.gov