

CONSTRUCTION SEQUENCE

June 2025

Civil & Environmental Consultants is providing this general overview of how construction will occur in the expansion area once the Conditional Use Permit is approved. Construction will generally conform to the following sequence, but changes may occur due to variables inherent in most construction projects. This construction sequence is being submitted in response to feedback received during the Condition Use Permit hearing process, prior to finalization of any Conditions of Approval. The construction timeline will adhere to all applicable Conditions of Approval.

- Landscape screening will be installed pursuant to the applicable Condition of Approval.
- The Coffin Butte Road left turn lane construction will be completed as the first part of the construction of the expansion area. A detailed design will be completed and submitted to Benton County for their review and approval prior to any construction commencing.
- The new leachate storage ponds will be constructed first, initially with the landfill staff excavating the soil material and hauling it to the existing landfill for use as daily cover. Blasting will be required during excavation of the leachate storage ponds and blasting will occur between the hours of 12:00 PM and 5:00 PM. However, once subgrade for the leachate storage ponds is achieved, blasting will not be required for the leachate storage ponds.
- Some of the material from the leachate storage pond excavation might be stockpiled on the existing landfill to be used as daily cover, intermediate cover or for road or tipper deck construction.
- Once construction of the leachate storage ponds achieves the required subgrade elevation, the liner installation company will mobilize to the site and install the required liner system and floating cover system.
- All the existing leachate piping that was routing leachate to the existing leachate ponds that is located in the expansion area footprint will be removed. New piping for the leachate will be installed that connects the leachate sumps in the existing landfill to the new leachate ponds.
- Once the new leachate ponds are approved by the Oregon Department of Environmental Quality (ODEQ) then leachate from the existing landfill will be pumped to these new ponds.
- Once the new leachate ponds are active, the existing leachate ponds will be closed in accordance with the closure requirements of the ODEQ.
- The building located within the footprint of the expansion area will be removed.
- The area will be logged, and timber will be removed by a company that specializes in timber removal.
- At this point the landfill staff will start removing soil material from the expansion area and using it as daily cover.

- Currently, the existing landfill has 14.2 million cubic yards of airspace remaining, at 15% for daily cover, the landfill staff will remove approximately 2.2 million cubic yards of material from the expansion area.
- At the appropriate time based on sequencing, Coffin Butte Landfill will hire a Contractor to complete the remaining excavation, which is estimated to be approximately 946,000 cubic yards. Additional blasting will be performed during the excavation of the expansion cell. Again, blasting will be performed between the hours of 12:00 PM and 5:00 PM.
- The Contractor will remove this material, and it will either be used for final cover material or stockpiled on the landfill for use as daily and/or intermediate cover for the expansion area.
- Once the subgrade elevations have been achieved, the liner system installation company will be mobilized to the site to install the liner system.
- The liner system is estimated to be installed in 3 phases over a period of 3 years.
- Once the liner system has been installed and approved by ODEQ, waste placement will commence.

