



Department of Building & Planning

207 Fourth Avenue North
Kelso, WA 98626
TEL (360) 577-3052
FAX (360) 414-5550

www.co.cowlitz.wa.us/buildplan

Board of County Commissioners
Arne Mortensen District 1
Dennis P. Weber District 2
Joe Gardner District 3

Date: October 25, 2017

Subject: Cowlitz County SEPA Addendum No. 1 (17-10-3913) to Cowlitz County Headquarters Landfill Final Environmental Impact Statement

Description of Proposal: The Cowlitz County Landfill site currently utilizes an enclosed flare system as a Landfill Gas (LFG) control device to meet air pollution control regulations established by the Southwest Clean Air Agency (SWCAA) under the County's existing air permit for the site. The Landfill will be adding an additional Enclosed Ground Flare Station to limit additional LFG fugitive emissions from the landfill. The flare expansion project consists of the installation of a new enclosed flare along with mechanical, electrical, and controls integration into the existing system. The installation will require the construction of a concrete pad, extended fence perimeter, wiring modifications, and a second fuel train. Other modifications will be made to the three main subsystems associated with the operation of the flare. These include 1) the flare itself, 2) the blower skid system and piping, and 3) the flare control system.

The flare to be installed is identical to the one presently on site and will stand approximately 40 feet tall with an outside diameter of 9 feet. It will be located approximately 13 feet north of the existing Blower-skid. The new flare is designed to handle LFG with 30-50% methane content at 1000 scfm and 30 MMBtu/hr. Overall flare capacity will be doubled with the addition of the second flare system, resulting in 2000 scfm of 60 MMBtu/hr. total LFG destruction capacity; potential maximum annual volumetric discharge of 1,051 MMscf and 525,600 MMBtu LFG destruction capacity.

The installation of the additional flare resulted in a revision to the County's existing air permit. The additional flare duplicates the emissions and pollutants of the original flare system.

The additional flare and the revision of the existing air permit necessitates this addendum to the Headquarters Landfill FEIS, specifically section 3.3.2.1.1 to include new information on impacts and air dispersion models.

Proponent: Cowlitz County Department of Public Works

Location of Proposal: Headquarters Landfill is located in Cowlitz County, Washington, at 3434 South Silver Lake Road in Castle Rock. The landfill is approximately 10 miles northeast of Kelso, 6 miles east of Interstate 5, and 2 miles south of Silver Lake. It is in Sections 22, 23, 24 and 26 of Township 9 North, Range 1 West, Willamette Meridian.

Lead Agency: Cowlitz County Department of Building and Planning

Required Approvals: Revised Air Permit Issued by SWCAA

Circulation: This Addendum is being sent to SEPA review agencies and interested parties

Comment: No comment period is required for this addendum

Documents Available: All materials are available in the Building and Planning Department, and are available electronically on the Department's webpage <http://www.co.cowlitz.wa.us/index.aspx?nid=2182>

Responsible Official: Elaine Placido

Position/Title: Director, Department of Building and Planning

Address: 207 4th Avenue North
Kelso, WA 98626

Email: placidoe@co.cowlitz.wa.us

Telephone: (360) 577-3052 (6662)

Date: October 25, 2017

Signature: _____



Exhibits:

1. FEIS Addendum Narrative
2. Attachment A - Layout Drawings
3. Attachment B - CCH_2017_V3
4. Attachment C- ESI Review