

Memo

To: City of Kelso
From: Century West Engineering
Date: 8/25/2023
Project: Southwest Washington Regional Airport New Fuel Site
Re: New Fuel Site Narrative

Existing Conditions and Proposal

The Southwest Washington Regional Airport (airport) is planning the development of a new aviation fuel site. The project area is within the airport fence and includes the current wash rack, adjacent asphalt pavement north of the wash rack, and adjacent flat grass area north of the asphalt pavement. Chain link fence runs along the north and east sides of the project area. The chain link fence on the east side of the project is also the Parrott Way right of way.

The new fuel site development will include two new 12,000 gallon above ground fuel storage tanks and associated pumps, hose reels, and plumbing, a fuel management system card reader, area lighting, and stormwater improvements. A reinforced concrete slab foundation will be constructed to support the new tanks and fuel system. As part of the fuel site development, the existing wash rack will be converted to a fueling apron. The stormwater collection and conveyance system that currently drains the wash rack will be modified to include an oil water separator. Surface stormwater from the entire new fuel site will be contained and collected in the existing catch basin that currently drains the wash rack. The new area lighting will consist of a single 30-foot pole with quad luminaire. The fuel site will be operational 24/7. All non-paved areas of the new fuel site will be topsoiled and hydroseeded.

Once the new fuel site is complete and the new tanks are brought online, the existing fueling station will be taken offline. The existing fuel building will be demo'd/removed, and the existing underground fuel storage tanks will be decommissioned.

The new fuel site will not generate additional aviation traffic or vehicle trips as the airport currently provides fuel service with similar capacity.

The proposed new fuel site consists of the following details.

1. Volume of Excavation: 420 cubic yards Volume of Fill: 20 cubic yards
2. Combined Volume of Excavation and Fill: 440 cubic yards

3. Area of land disturbance: 2,800 square feet

4. Are there structures on this property? Yes _____ or No **X**

If yes, which structure(s)? _____

5. Is project within 200 feet of a shoreline of statewide significance? Yes__ No **X** Do not know __ _

6. Is project within a Critical Area? Yes _____ No **X** Do not know _____

7. Site runoff drains to (check all that apply): Catch basin, Ditch, Pipe, Creek,
 Slough, River, Wetland, Other

8. Will excavation materials be exported? **Yes** _____

9. If so, where is disposal site? (Note: permits may be required) **Unknown, Contractor to determine**

10. If stockpiling:

- Length of time material will be stockpiled: **Approx. 12 months** _____
- Volume of stockpile: **250** cubic yards

11. Are any trees in the grading area? **No** Will any trees be removed? **No**

12. Depth of cut at deepest location: **2** feet

13. Height of fill at highest location: **0** feet

14. Proposed starting date of work: **December 2023** _____

15. Duration of work: **26 weeks** _____