



King County

Department of Local Services
Permitting Division
35030 SE Douglas St., Ste. 210
Snoqualmie, WA 98065-9266
206-296-6600 TTY Relay: 711

Permit Conditions

Applicant: FRED WAGNER
4425 S ORCHARD ST
TACOMA, WA 98466

Application Number: GRDE18-0114
Application Date: 07/24/2018

The Permit Conditions attached to this cover sheet apply to the permit referenced herein. These conditions must be complied with by the applicant and verified by DLS Permits staff or this permit may become null and void.

Site Address/Location:

Parcel Number: 3122079040

Permit Type: SiteDevCA/Grade/Grading/NA

Title: RAVENSDALE MINE RECLAMATION

Description: Trenching and fill for ongoing reclamation and restoration efforts at the Ravensdale Mine.

See also: GRDE15-0049.

Valuation: \$0.00

Reviewed By:

Aquatic Areas: Laura Casey, (206) 477-0368, Laura.Casey@kingcounty.gov

Misc: Laura Casey, (206) 477-0368, Laura.Casey@kingcounty.gov

Sensitive Areas-Buffers-Setbacks: Steve Bottheim, (206) 477-0372, Steve.Bottheim@kingcounty.gov

Site Development: Joe Barto, (206) 477-0374, Joe.Barto@kingcounty.gov

Wetlands - Aquatic Area: Laura Casey, (206) 477-0368, Laura.Casey@kingcounty.gov

Permit Conditions

Critical Areas

Aquatic Areas

- 1) **AA-2**
Stream Y is a Type N aquatic area, with a 65-foot buffer measured from ordinary high water mark on both sides of this Type N stream. The aquatic area and buffer are protected from clearing, grading, and impacts of this project.
- 2) **AA-4**
Ravensdale Creek is a Type F aquatic area. It is protected with a 165-foot buffer measured from ordinary high water mark on both sides of this Type F stream from clearing, grading, and impacts of this project.

Misc

- 3) **Partial review of site**
The wetlands and aquatic areas reviewed for this project are limited to those in the near vicinity of the proposed trenches to be filled. Other wetlands and aquatic areas existing on these parcels and are not addressed by this permit.

Sensitive Areas-Buffers-Setbacks

- 4) **Geotech Reports**
All site work shall conform to the recommendations of the geotechnical engineer, Icicle Creek Engineers, contained in their report dated March 26 2020.

Site Development

Site Development

- 1) **Boundaries of Clearing Limits**
The boundaries of the clearing limits shown on this plan shall be clearly flagged in the field prior to construction. No clearing or grading shall take place until these limits are approved in the field by DDES staff. During the construction period, no disturbance beyond the flagged clearing limits shall be permitted. The flagging shall be maintained by the permittee for the duration of construction.
- 2) **Call Site Development Services**
At least 48 hours prior to the start of any work, call the Environmental and Site Development Services Section to arrange a pre-construction meeting. Please be advised this permit shall not be effective until the Notice to Proceed has been issued pursuant to this meeting. If required, Notice of Construction Activity signs shall be in place prior to the pre-construction meeting.
- 3) **Contaminated Groundwater**
The permittee and the contractor shall assure that no contaminated soils or groundwater enter the existing drainage system nor natural water bodies. Any discharge of contaminated groundwater shall

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be conducted only with appropriate WDOE (for storm water drainage) or METRO (for sanitary sewer) approval. Analysis of all discharged water shall be in compliance with the conditions of the site's WDOE water quality discharge authorization modification the site's METRO industrial waste water permit. If contaminated groundwater is to be stored or held on-site, it shall be stored in a WDOE approved containment system.

4) Contaminated Soils

All persons collecting or transporting contaminated soils shall take appropriate measures to avoid spillage during loading and transporting.

5) Cut-Fill Slopes

Cut/fill slopes shall be no steeper than is safe for the intended use and shall not exceed 2 foot horizontal to 1 foot vertical unless otherwise approved by DDES.

6) Daily ESC Inspections

Permittee shall inspect the TE/SCP facilities at the end of each working day to assure himself that they are in good condition. If TE/SCP facilities require repair or maintenance, it shall be performed prior to the end of the working day. All disturbed areas shall be promptly and thoroughly stabilized against erosion during periods of wet weather when work is not being performed at the site.

7) Disturbed Areas 48 hours

Any areas of exposed soils, including roadway embankments, that will not be disturbed for two days during the wet season (October 1 to March 31) or seven days during the dry season (April 1 to September 30) shall be immediately stabilized with approved TESC measures (e.g., seeding, mulching, plastic covering, etc.) If a King County Community Plan and/or Basin Plan or the Department of Ecology Stormwater Manual have more conservative timelines for implementation of erosion control measures, the more stringent timelines shall apply.

8) Dust

Dust, dirt, and fly ash or airborne solids from any source shall not be emitted in quantities as to adversely affect adjacent property. (KCC 21A.22.070)

9) Dust Control

During hauling operations, permittee shall provide effective dust control measures consisting of water, asphalt treated base, chemical dust palliatives, or equivalent measures to control dust from this operation (KCC 21A.22.070.C).

10) ESC by Permittee

The implementation of these ESC plans and the construction, maintenance, replacement, and upgrading of these ESC facilities is the responsibility of the permittee until all construction is approved.

11) ESC Minimum

The ESC facilities shown on this plan are the minimum requirements for anticipated site conditions. During the construction period, these ESC facilities shall be upgraded (e.g. additional sumps, relocation of ditches and silt fences, etc.) as needed for unexpected storm events.

12) ESC Plan Approval

Approval of this erosion/sedimentation control (ESC) plan does not constitute an approval of

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permanent road or drainage design (e.g. size and location of roads, pipes, restrictors, channels, retention facilities, utilities, etc.).

13) ESC Specialist

The permittee shall provide daily inspection by an erosion control specialist of the adequacy and maintenance needs of all erosion control measures. In addition, any area needing erosion control shall be immediately addressed. Daily inspection reports shall be submitted to King County DDES bi-weekly.

14) ESC Systems

The erosion and sedimentation control systems depicted on this drawing are intended to be minimum requirements to meet anticipated site conditions. As construction progresses and unexpected or seasonal conditions dictate, the permittee should anticipate that more siltation and sedimentation control facilities will be necessary to ensure complete siltation control on the proposed site. During the course of construction, it shall be the obligation and responsibility of the permittee to address any new conditions that may be created by his activities and to provide additional facilities over and above minimum requirements as may be needed to protect adjacent properties and water quality of the receiving drainage system.

15) Fence Buffers

Clearing limits adjacent to wetland and stream sensitive areas and/or their buffers shall have a sign placed on a fence a minimum of every 200 feet stating: This is a sensitive area or buffer. No disturbance is allowed beyond this fence without approval from DDES.

16) Geotech Report

The approved geotech report by Icicle Engineers is dated July 28, 2020. Please refer to that for geotechnical recommendations.

17) Hours of Operation

Permittee shall comply with the Hours of Operation as set forth in K.C.C. 12.86:

For heavy equipment used on construction sites, including crawlers, tractors, bulldozers, rotary drills and augers, loaders, power shovels, cranes, derricks, graders, off-highway trucks, ditchers, trenchers, compactors, compressors and other similar equipment, operating hours are between 7:00 a.m. and 7:00 p.m. weekdays and between 9:00 a.m. and 7:00 p.m. weekends;

For impact types of construction equipment, including pavement breakers, pile drivers, jackhammers, sandblasting tools or other types of equipment or devised that create impulse noise or impact noise, operating hours are between 8:00 a.m. and 5:00 p.m. on weekdays and 9:00 a.m. and 5:00 p.m. on weekends; and

For all other construction activities, operating hours are between 7:00 a.m. and 10:00 p.m. on weekdays and between 9:00 a.m. and 8:00 p.m. on weekends.

This condition does not apply to sound created by mineral extraction or materials processing operations, which are governed by K.C.C. chapter 21A.22.

18) Inactive Sites and ESC

The ESC facilities on inactive sites shall be inspected and maintained a minimum of once a month or

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within the 48 hours following a storm event.

19) Inspect ESC Daily

The ESC facilities shall be inspected daily by the permittee and maintained as necessary to ensure their continued functioning.

20) Inspected by LUIS

This permit will be inspected by the Land Use Inspection Section. 48 hours prior to start of construction, call the LUIS at (206) 296-6642 to schedule a pre-construction conference.

21) KCDOT Haul Route Approval

Prior to hauling excess excavated material on King County Public Right of Way, the permittee shall contact the King County Department of Transportation and obtain all of the necessary approvals.

22) Limit of Work

Work shall be limited to site clearing, grading, and installation of temporary and permanent erosion control facilities.

23) Limit to That Shown

Work shall be limited to that shown on the approved plans, dated on 7/31/2020. A copy of the approved plans, conditions and permit must be on the job site whenever work is in progress.

24) Monthly Geotech Reports

Geotech reports shall be presented monthly to DPER. The reports should address the recommendations in the geotechnical report.

25) Name of Person

Permittee shall provide the name of a responsible person or agent who can be contacted 24 hours a day.

26) No Burn Zone

This site may be located in a NO-BURN ZONE. Contact PSAPCA at (206) 296-7435 for information.

27) NPDES Permit

A National Pollutant Discharge Elimination System (NPDES) permit for surface water discharge may be required for this project. Contact the Washington State Department of Ecology at (360) 649-7000 for information. If an NPDES permit is required, it must be obtained prior to issuance of the clearing and grading permit.

28) Only Earth

Except in an approved sanitary landfill or as part of engineered fill, fill material shall meet the following standards:

- a. Fill material shall consist of earthen material, organic material or recycled or reprocessed materials that are not categorized as dangerous waste under Title 173 WAC and that were produced originally from an earthen or organic material;
- b. Fill material shall have a maximum dimension of less than twelve inches;
- c. Recycled concrete shall be free of rebar and other materials that may pose a safety or health hazard;
- d. Recycled asphalt shall not be used in areas subject to exposure to seasonal or continual perched

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- ground water, in a critical aquifer recharge area or over a sole-source aquifer; and
- e. Recycled materials that have not been reprocessed to meet the definition of common borrow shall be intermixed with well-graded, natural, earthen materials in sufficient quantities and of a suitable size to assure filling of all voids and to assure that the fill can be compacted to ninety percent of the maximum density. (KCC 16.82.100.4)

Wetlands - Aquatic Area

29) **WL-2**

Several wetlands are located in the vicinity of this project, and are protected with adjacent upland buffers from clearing, grading, and impacts of this development. Mining is an allowed use in the Forestry Zone, and forestry is considered to have a low impact on wetlands. Therefore the wetland buffers for this project are for a low impact use.

Wetland G - Category II - 90 foot buffer

Wetlands H, J and K - Category III - 40 foot buffer

Wetlands C, I and L - Category IV - 25 foot buffer