



Oregon

Tina Kotek, Governor

Department of Environmental Quality

Northwest Region

700 NE Multnomah Street, Suite 600

Portland, OR 97232

(503) 229-5263

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TTY 711

March 3, 2023

Josette Mitchell – City Administrator
1001 Bridge Street
Vernonia, OR
97064-1240

Re: City of Vernonia
WQ-Columbia County
Permit No. 101094 / File No. 92773
Springboard Duplexes Lots 11 & 12 - Sanitary Sewer Approval

Dear Mr. Hobart,

The Department of Environmental Quality has reviewed the above referenced document received in our Portland office February 14, 2023 as prepared by Jeffrey Sublet PE (Ironmark Surveying & Engineering) for the City of Vernonia (City), per Oregon Administrative Rule (OAR) Chapter 340, Division 052. A \$276 Technical Activities Fee was received for the plan review on this project. A positive LUCS was also received. A project description is below.

PROJECT DESCRIPTION

- 1 connection to an existing sewer by building a manhole over an existing sewer main on 1st Street;
- 2 new flat-top 48-inch diameter manholes;
- 335 linear feet of 8-inch ASTM D-3034 SDR-35 PVC sanitary sewer main;
- 102 linear feet of 4-inch ASTM D-3034 SDR-35 PVC lateral service to 12 lots;
- 12 4-inch cleanouts.

CONDITIONS OF APPROVAL

1. Each of the laterals may serve ONLY one dwelling unit.
2. Construction shall be inspected and certified in writing by the design engineer, Jeffrey Sublet PE, per OAR 340-052. Please use the attached "Inspection and Certification of Proper Construction" and "Manhole Test Record" forms to certify the project and to record testing on the new project manholes.
3. The City of Vernonia shall not allow any sewer construction to be performed, except under active inspection. Sanitary taps to existing sewers must be inspected and approved by qualified City staff. Only APWA approved materials and methods shall be used.
4. All sanitary sewer materials, construction, and testing shall comply with the American Public Works Association (APWA), Oregon Chapter, Year-2021 and subsequent revisions (Part RD300 of Oregon Standard Drawings and Part 00400 of Oregon Standard Specifications for Construction), and with the City of Vernonia accepted Construction Standards. *The more stringent requirements*

shall apply in each situation. A copy of both APWA and City construction standards shall be kept at the construction site for reference at all times.

5. The PVC **sanitary sewer** main shall be **air tested** per APWA Part 00445.72, and **deflection tested** per Part 00445.73. A **TV acceptance inspection** is required for the newly constructed sanitary sewer, per APWA Part 00445.74.
6. Manholes are to be installed per APWA Part 00470 and vacuum tested in accordance to APWA Part 00470.71(b). Test results shall be recorded and submitted to DEQ on the attached "Manhole Test Record" form.

CITY OF VERNONIA RESPONSIBILITIES

The City shall comply with our approval conditions and shall ensure that the following additional requirements are met:

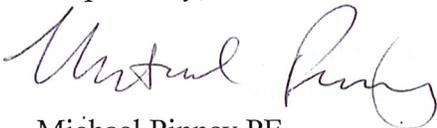
1. Provide timely submittal of the engineer's certification;
2. Observe water quality regulations for all aspects of the project;
3. **Ensure that a 1200-C erosion control permit** is obtained, if applicable, when the project disturbs **one-acre** or more when all construction phases are considered;
4. Verify that all contractors install effective erosion controls; and
5. Verify that contractors and municipal staff adhere to ODEQ guidelines and procedures for proper flushing of water lines. See State dechlorination requirements at: <http://www.deq.state.or.us/wq/pubs/bmps/chlorwaterdisp.pdf>.

This plan approval is valid for one year. If construction has not commenced within one year, plans must be resubmitted along with the appropriate fee for approval, unless waived by the Department.

FEES: Plan review fees of \$276 have been received..

INQUIRIES: Please contact me at (971) 227-1765 for additional information.

Respectfully,



Michael Pinney PE
Senior Environmental Engineer

Enclosures:

(1) "Inspection and Certification of Proper Construction"; and (2) "Manhole Test Record."

CC (with): Jeffrey Sublet PE, Ironmark Surveying & Engineering LLC, PO Box 38, Saint Paul, Oregon, 97137

eCC W/O): Tiffany Yelton-Bram, Manager, Source Control Section, NWR-WQ



INSPECTION AND CERTIFICATION OF PROPER CONSTRUCTION

TO (check appropriate box):

- Jonathan Gasik, MS, PE – 221 Stewart Ave., Suite 201, Medford, OR 97501
- Tim Caire, PE – 165 East 7th Ave., Suite 100, Eugene, OR 97401
- Timothy C. McFetridge, PE – 4026 Fairview Industrial Dr., Salem, OR. 97302.
- Michael Pinney, PE – 700 NE Multnomah Ave. Suite 600, Portland OR. 97232

Project Name: _____

Project Location: _____

I was the design engineer on the above-referenced project and I, or my authorized representative, did supervise and inspect the construction. I certify that such construction was inspected and found to be in accordance with the plans and specifications, including any changes therein approved by the Department of Environmental Quality.

Design Engineer's Signature

Supplemental inspections were made by: _____

Cc: Sewer system owner

OREGON ADMINISTRATIVE RULES 340-052-0040

Responsibility of Treatment Works Owners, Design Engineers and Developers After Approval of Plans for (Domestic) Sewage Projects

(1) Construction of all projects must be in accordance with the project plans and specifications approved by the Department. No substantial change in or deviation from such plans and specifications shall be made without the prior written approval of the Department, which shall make the final determination whether or not a change or deviation is in fact substantial.

(2) The owner of the sewerage system (generally a municipality) as recipient of any construction work on its system has a vested responsibility to review and approve project plans prior to the start of construction. Department approval of plans under these rules does not preclude the right and responsibility of review and approval by the owner. The owner may adopt more stringent construction standards and impose special conditions for sewer use, service connection, and related activities. Department approval of plans in such cases is contingent upon similar approval by the owner. Submittal of plans to the Department through the owner and prior approval of plans by the owner is encouraged.

(3) Inspection and certification of proper construction shall be governed by the following provisions:

(a) The construction of all sewerage projects shall be under the supervision of and shall be thoroughly inspected by the design engineer or his authorized representative, unless relieved under subsection (b) of this section. At the completion of the project, he shall certify in writing to the owner and the Department that such construction was inspected by him and found to be in accordance with the plans and specifications, including any changes therein approved by the Department. Nothing in the foregoing exempts an owner from monitoring the project for conformance to requirements and performing supplementary inspections or prevents an owner's qualified staff from assuming responsibility for inspection and certification;

(b) If the design engineer is to have no further involvement or have limited involvement with the project after obtaining Department approval of plans, he must so notify the Department, the owner, and the developer upon submittal of plans or immediately upon being disassociated or limited in control over materials or workmanship within the project. (Nothing precludes either the owner or the developer from giving such notice if this is more appropriate). Thereupon, if the project is to continue on to construction, the owner shall assume necessary responsibility for satisfactory construction of the project in accordance with the approved plans. He shall employ or apply such construction engineering/inspection services as appropriate for the project. The owner shall thereupon certify in accordance with subsection (a) of this section. No project shall proceed to construction without adequate and capable construction engineering/inspection services. (This assumption of construction engineering/inspection services responsibility by the owner does not necessarily relieve the design engineer of design responsibility);

(c) Sewerage system integrity and watertightness is the system owner's ultimate responsibility. He shall monitor all private sewer construction and control all common sewer construction in the sewerage system to the extent necessary to this end.

(4) An appropriate final operation and maintenance manual, approved by the Department shall be prepared and submitted to the owner by the design engineer for all treatment works, disposal systems, and list stations prior to start up of such facilities.

Stat. Auth.: ORS 454.626, ORS 454.780 & ORS 468.020

Stats. Implemented: ORS 468B.055

Hist.: DEQ 3-1981, f. & ef. 2-6-81; DEQ 27-1994, f. & cert. ef. 11-15-94