



# Metro

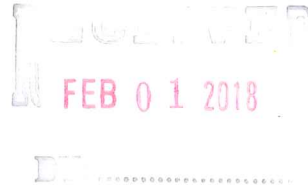
**Gary Shepherd, Senior Assistant Attorney**

600 NE Grand Ave.  
Portland, OR 97232-2736  
oregonmetro.gov

503-797-1600  
Fax: 503-797-1792  
gary.shepherd@oregonmetro.gov

January 29, 2018

Kevin Cook, Senior Planner  
Multnomah County  
Land Use Planning Division  
1600 SE 190<sup>th</sup> Avenue  
Portland, OR 97233



RE: Metro's North Tualatin Mountains  
Case #T3-2017-9165 – Use Application

Dear Mr. Cook:

Enclosed for the record is the required Septic Review Certification form and Letter of Authorization issued by the City of Portland/Multnomah County Sanitarian. After review and inspection, the Sanitarian approved the use of a vault toilet. This information is provided as an additional response to item 13 of the County's incompleteness determination dated October 27, 2017.

If you have any questions or concerns with the information or response provided, please contact me directly at 503-797-1600 or [gary.shepherd@oregonmetro.gov](mailto:gary.shepherd@oregonmetro.gov). Metro thanks you for your time and assistance with this application review.

Sincerely,

Gary Shepherd  
Office of Metro Attorney



FEB 01 2018



## ONSITE SEPTIC

City of Portland – Bureau of Development Services

1900 SW 4<sup>th</sup> Avenue, Portland, Oregon 97201 – 503-823-6892 – TTY 503-823-6868 – www.portlandoregon.gov/bds

## SEPTIC REVIEW CERTIFICATION (Land Use/Planning)

Land Use/Planning and Zoning approval involving new construction or addition to any building(s), any change in use, and the creation of a new parcel or property line adjustment requires approval by the Sanitarian.

### STEP 1- Complete the following:

Address of Proposed Work: NO SITE ADDRESS - EAST OF NW McNAMEE RD.

Property Map & Tax Lot #: ZN1W203C-01200 Alternate Acct #: R 119904580

Description of proposed work for this Septic Planning Review: INSTALLING ONE VAULT TOILET - EXT PRECAST (NOT A SEPTIC SYSTEM) (NO DRAINFIELD)

Change in number of bedrooms? ☐ Yes ☐ No # of existing bedrooms \_\_\_\_\_ # of bedrooms at completion \_\_\_\_\_

Applicant's Name METRO - JO GARY SHEPHERD

Applicant E-mail gary.shepherd@oregonmetro.gov

Mailing Address 600 NE GRAND AVE. Phone 503-797-1600

City PORTLAND State OR ZIP 97232

Permit No. 17-286460 SE

Date 1/29/18

**STEP 2- Submit** with current Septic Evaluation application, for each lot affected along with all required checklist items listed on the application. Refer to the current Septic Evaluation application for current fee for Septic Planning Review "with site visit".

Septic Evaluation Application available for download at [www.portlandoregon.gov/bds/Septic Evaluation Application](http://www.portlandoregon.gov/bds/SepticEvaluationApplication) or Multnomah County Land Use Planning Office

Mail or deliver completed Septic Evaluation Submittal package to:  
City of Portland, Bureau of Development Services, Trade Permits  
1900 SW 4<sup>th</sup> Ave., First Floor, Portland, OR 97201  
For questions please call 503-823-6892

**STEP 3- Review:** After submittal, allow up to 20 business days for submittal application package review

**STEP 4- Site Visit:** Sanitarian will contact you with any questions and/or time of site visit

**STEP 5- Sign Off:** Sanitarian Approves Septic Planning Review

Based on present knowledge of the area, and current regulations of the State of Oregon Department of Environmental Quality (DEQ), the Sanitarian hereby finds that the above proposal is:

☐ Approved – it will not impact the existing system

☒ Approved – the lot is approved for an onsite septic system SER- Vault Toilet

☐ Approval for general layout only\* - A septic permit to install the system is required prior to building permit issuance  
\*Modifications may be required based on specific plans and/or soil conditions impacting the overall site design

☐ Conditions/Comments: No concerns w/ vault toilet proposal. No other septic review or permitting is required.

Erin Miel  
Registered Environmental Health Specialist

Date 1/29/18

**STEP 6- Return:** to Multnomah County Land Use Office with this signed form and site plan (floor plans if applicable)



CITY OF PORTLAND, OREGON – BUREAU OF DEVELOPMENT SERVICES

1900 SW Fourth Avenue, Suite 5000 • Portland, Oregon 97201 • www.portlandonline.com/bds  
Phone - (503) 823-6892 • TDD - (503) 823-6868 • FAX (503) 823-5433



**Letter of Authorization  
For Vault Toilet**

January 29, 2018

METRO ATTN PROPERTY MANAGER  
600 NE GRAND AVE  
PORTLAND, OR 97232-2799

SUBJECT: # 17-286460-SE  
For Property /BURLINGTON 2N1W20BC; BLOCK 23; LOT 1; 2; 5;7;10 & 11; LOT  
3;4;8;9;12 & 13 EXC PT IN ST

Dear METRO:

In response to your application to install a vault toilet located at /BURLINGTON 2N1W20BC; BLOCK 23; LOT 1; 2; 5;7;10 & 11; LOT 3;4;8;9;12 & 13 EXC PT IN ST, a site visit and soils evaluation was conducted as set forth in Oregon Administrative Rules (OAR) 340-071-0150 and 0330 Onsite Wastewater Treatment Systems.

Based upon the results of our study of the land and natural soil, this site is approved for a **vault toilet** in compliance with the standards in Oregon Administrative Rules (OAR) 340-073-0075 adopted January 2, 2014.

The top 23" were of road spoil fill with silt loam below to 63". The pit had standing water in it but it had just poured rain for 1-2 hours just prior to inspection. Contractors relayed the bottom of the did not have standing water in in when it was dug. The soils were saturated but no visible seeps were present. There are no concerns with this vault toilet provided adequate engineering for grading/slope and toilet stability is approved by Multnomah County's Rural Land Use office.

A Septic permit from this office is not required, so no further septic review is required. Please proceed with any remaining land use/zoning, site grading, and/or building permits.

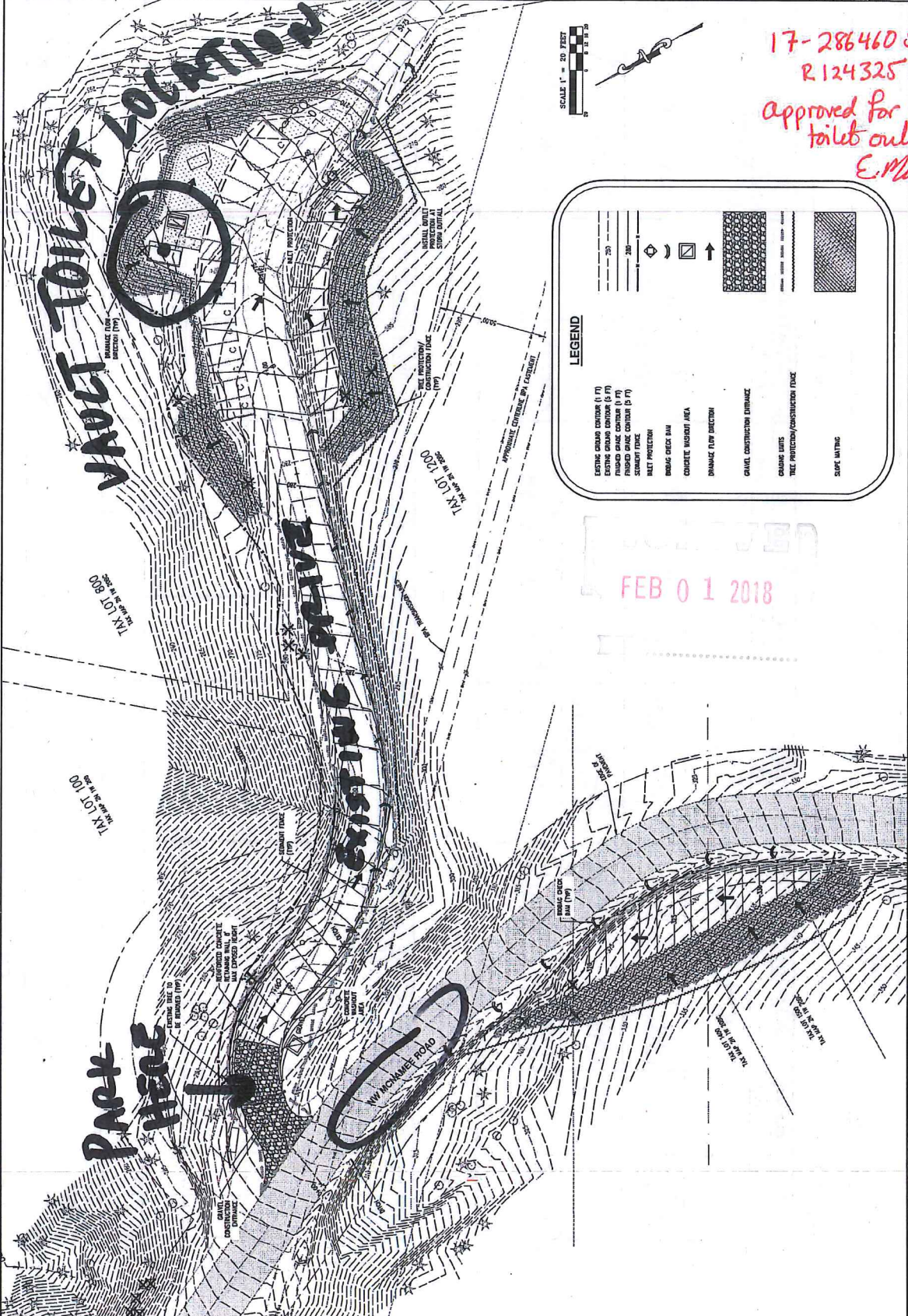
Sincerely,

Erin Mick, REHS  
Onsite Sanitation, Multnomah County  
BDS, Site Development

CC: METRO ATTN PROPERTY MANAGER  
600 NE GRAND AVE  
PORTLAND, OR 97232-2799

FEB 01 2018





17-286460 SE  
 R124325  
 approved for vault  
 toilet only.  
 E. M. [Signature]  
 4

RECEIVED  
 FEB 01 2018





# SEPTIC SITE EVALUATION REPORT Field Notes

Date: 1/5/18  
Evaluator: E. Mick

ADDRESS R124324 McNamee Applicant Metro R# \_\_\_\_\_ Parcel Size: \_\_\_\_\_

Water Source: Well ( ) Public ( ) Surface Streams, Springs, etc., present? YES ( ) NO ( ) Soil Map Unit \_\_\_\_\_

PIT 1	Depth	Boundary	Moist Color			Texture	Structure		Moist	Roots		Redox Features		Notes
			Hue	Val	Chr		Gr	Size		Qty	Size	Conc/%	Deplet/%	
1	08	AS	7.5YR	4	3	SICL	2	F	SBK	FR	many			saturated altered
2	825	CS	10YR	5	3	SICL	2	M	SBK	FI	few	5YR 4/6-5/8 20% at 23" dept. stop		saturated 23"
3	2535	CS	10YR	4	3	SIL	MA	M	SBK	FI	—	5YR 3/3 5-10%		saturated
4	3563		10YR	4	3	SIL	MA			1-2 small roots		paint		saturated
5														

Slope: \_\_\_\_\_ Slope direction: \_\_\_\_\_ Anticipated perched: \_\_\_\_\_

PIT 2	Depth	Boundary	Moist Color			Texture	Structure		Moist	Roots		Redox Features		Notes
			Hue	Val	Chr		Gr	Size		Qty	Size	Conc/%	Deplet/%	
1														
2														
3														
4														
5														

Slope: \_\_\_\_\_ Slope direction: \_\_\_\_\_ Anticipated perched: \_\_\_\_\_

NOTES: TP is on downslope side of cut access road on artificially flattened area - was originally backslope, but w/road cut a shoulder position No seeps, lots of surface water

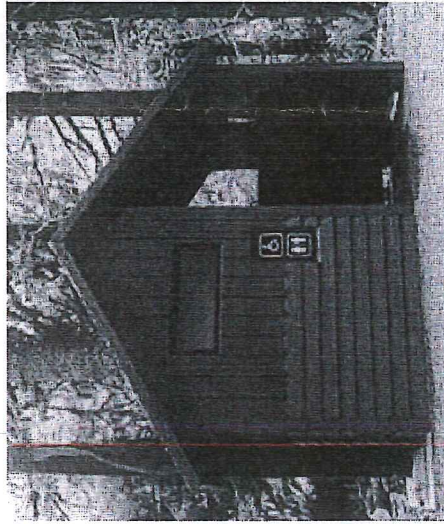
17-286460 SE

FEB 01 2018

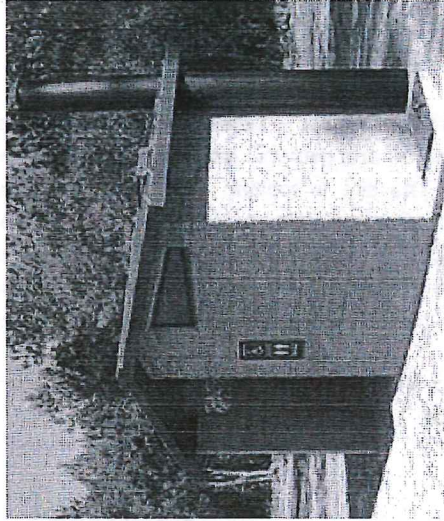
# Concrete Buildings

- Buildings
- Textures & Colors
- Professional Site Services & Install
- Maintenance & Warranty
- Replacement Parts
- Texas Tornado Shelters
- Government Purchasing
- Sales Region Information

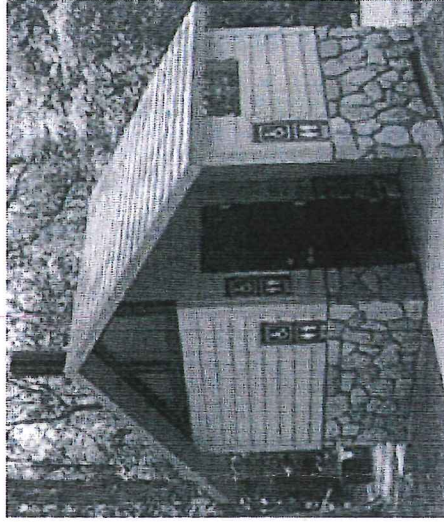
## SINGLE VAULT BUILDINGS



- Cascadian**
- 1 single user waterless restroom
  - floorplan 6' 6" x 14' 8"
  - 1 toilet riser (ADA)
  - ADA grab bars
  - 1 waste clean out hatch
  - 1 concrete waste vault (1,000 gallon)



- Gunnison**
- 1 single user waterless restroom
  - floorplan 6' 6" x 14' 8"
  - 1 toilet riser (ADA)
  - ADA grab bars
  - 1 waste clean out hatch
  - 1 concrete waste vault (1,000 gallon)



- Rocky Mountain**
- 1 single user waterless restroom
  - floorplan 6' 6" x 14' 8"
  - 1 toilet riser (ADA)
  - ADA grab bars
  - 1 waste clean out hatch
  - 1 concrete waste vault (1,000 gallon)

17-286460 SB

FEB 01 2018



# Carlson Geotechnical

A Division of Carlson Testing, Inc.  
Phone: (503) 601-8250  
Fax: (503) 601-8254

Bend Office (541) 330-9155  
Eugene Office (541) 345-0289  
Salem Office (503) 589-1252  
Tigard Office (503) 684-3460



September 13, 2017

Ms. Karen Vitkay  
Metro  
600 NE Grand Avenue  
Portland, Oregon 97232-2736

**Report of**  
**Geotechnical Investigation and Geologic Hazard Reconnaissance**  
**Burlington Creek Forest Nature Park**  
**NW McNamee Road**  
**Multnomah County, Oregon**

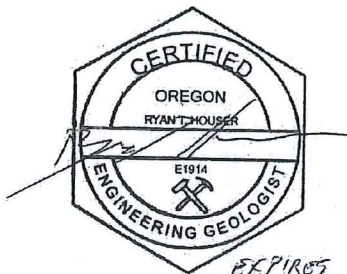
CGT Project No. G1704662

Dear Ms. Vitkay:

Carlson Geotechnical (CGT), a division of Carlson Testing, Inc. (CTI), is pleased to submit this report summarizing our geotechnical investigation and geologic hazard reconnaissance for the proposed Burlington Creek Forest Nature Park project. The site is located within the Burlington Creek Forest along NW McNamee Road in Multnomah County, Oregon. We performed our work in general accordance with CGT Proposal GP7579R2, dated July 10, 2017. Written authorization for our services was provided on July 31, 2017, in the form of Metro Contract No. 734785. A previous version of this report was issued on August 31, 2017. This report has been revised to reflect the current (September 5, 2017) design drawings.

We appreciate the opportunity to work with you on this project. Please contact us at 503.601.8250 if you have any questions regarding this report.

Respectfully Submitted,  
**CARLSON GEOTECHNICAL**



Ryan T. Houser, CEG  
Senior Engineering Geologist  
[rhouser@carlsontesting.com](mailto:rhouser@carlsontesting.com)



EXPIRES: 12/31/2018

Jeffrey P. Quinn, P.E.  
Project Geotechnical Engineer  
[jquinn@carlsontesting.com](mailto:jquinn@carlsontesting.com)

FEB 01 2018