EXHIBIT 11

City of Tumwater
Deschutes Valley Trail
Mazama Pocket Gopher Absence Report

Prepared for:

City of Tumwater
10.20.2025

Land Services Northwest
Alex Callender MS, PWS
120 State Ave NE PMB 190, Olympia, WA, 98501
360.481.4208

1.0 INTRODUCTION

This report is the result of a Mazama Pocket Gopher Survey 0947005100, 12835320200, and 1283543000 found within the bounds of the proposed Deschutes Valley Trail **(Figure 1):**



The Purpose of this report is to provide a study of the presence or absence of indicators of the Mazama Pocket Gopher (*Thomomys Mazama*) (MPG) for ESA compliance and compliance with the City of Tumwater Critical Areas Code (TMC 16.32 Fish and Wildlife Habitat Protection).

This study should allow the reader to assess whether the Mazama pocket gopher is likely to be found on site and what the implications of its presence or absence may have with regard to permits.

Mazama Pocket Gopher

Four subspecies of Mazama pocket gophers found in Thurston City are listed as threatened under the Endangered Species Act (ESA). Impacts to Mazama pocket gophers should be avoided or addressed through USFWS permitting processes**.** The presence of this species on a property may have regulatory implications that may limit the amount or type of development that can occur on a property in order to avoid "take" of the species. Take is defined under the ESA as harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect any threatened or endangered species.

2.0 METHODS

2.1 Review of Existing Information

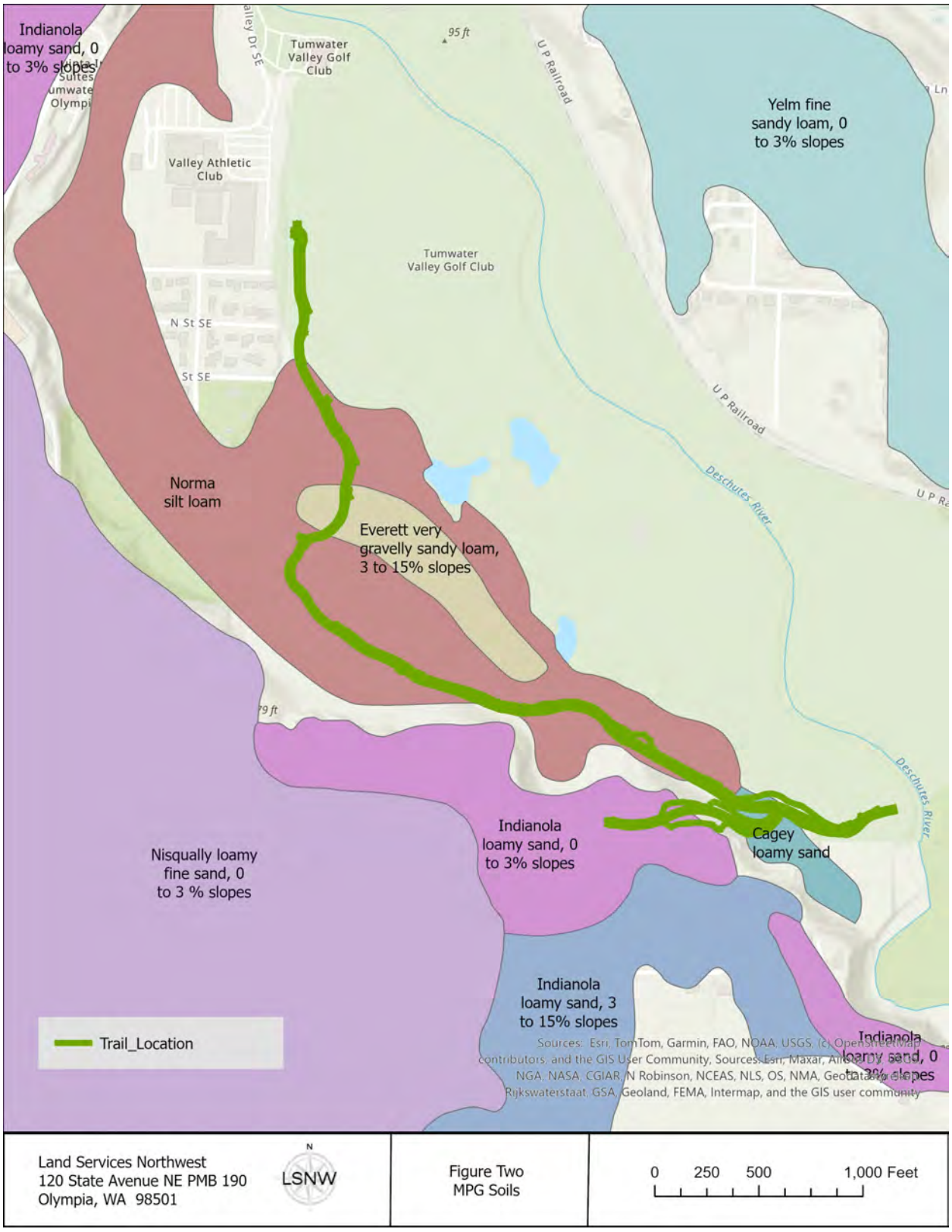
Background Review

Background information on the subject property was reviewed prior to field investigations and included the following:

- Thurston City Geodata Mazama Pocket Gopher Soils Shapefiles
- WDFW Priority Habitats and Species Information
- USFWS species list information
- WDFW species information

2.2 Summary of Existing Information

The existing information shows Everett very gravelly sandy loam 3 to 15 percent slopes, Norma silt loam, Nisqually loamy fine sand, and Cagey loamy sand, which are more and less preferred by the MPG (**Figure 2) and (Attachment A).**


Indianola loamy sand, 0 to 3% slopes
Tumwater Valley Golf Club
95 ft
U P Railroad
Yelm fine sandy loam, 0 to 3% slopes
Valley Athletic Club
Tumwater Valley Golf Club
N St SE
St SE
U P Railroad
Deschutes River
Norma silt loam
Everett very gravelly sandy loam, 3 to 15% slopes
Deschutes River
Indianola loamy sand, 0 to 3% slopes
Cagey loamy sand
Nisqually loamy fine sand, 0 to 3 % slopes
Indianola loamy sand, 3 to 15% slopes
Indianola loamy sand, 0 to 3% slopes
Trail_Location
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
Land Services Northwest
120 State Avenue NE PMB 190
Olympia, WA 98501
N
LSNW
Figure Two
MPG Soils
0 250 500 1,000 Feet

Attachment A

Table 1. Soils known to be associated with Mazama pocket gopher occupancy.

Mazama Pocket Gopher Preference	Soil Type
More Preferred (formerly High and Medium Preference Soils)	Nisqually loamy fine sand, 0 to 3 percent slopes Nisqually loamy fine sand, 3 to 15 percent slopes Spanaway-Nisqually complex, 2 to 10 percent slopes Cagey loamy sand Indianola loamy sand, 0 to 3 percent slopes Spanaway gravelly sandy loam, 0 to 3 percent slopes Spanaway gravelly sandy loam, 3 to 15% slopes
Less Preferred (formerly Low Preference Soils)	Alderwood gravelly sandy loam, 0 to 3 percent slopes Alderwood gravelly sandy loam, 3 to 15 percent slopes Everett very gravelly sandy loam, 0 to 3 percent slopes Everett very gravelly sandy loam, 3 to 15 percent slopes Indianola loamy sand, 3 to 15 percent slopes Kapowsin silt loam, 3 to 15 percent slopes McKenna gravelly silt loam, 0 to 5 percent slopes Norma fine sandy loam Norma silt loam Spana gravelly loam Spanaway stony sandy loam, 0 to 3 percent slopes Spanaway stony sandy loam, 3 to 15 percent slopes Yelm fine sandy loam, 0 to 3 percent slopes Yelm fine sandy loam, 3 to 15 percent slopes

The WDFW Priority Habitats and Species Map ***does not show*** the presence of the MPG within 600 feet of the subject property (**Appendix C**).

2.3 2025 Mazama Pocket Gopher Protocol

A. General Information – 2025 Approach
1. The MPG review season will run June 1-October 31, 2025.

2. The protocol described in this memorandum will only apply to properties not known to be occupied by MPG since April 2014, the date of the federal listing.

3. Negative determinations will be valid for the length of the underlying City permit or approval, per City code.

4. Qualified consultants may perform field reviews and submit results for City evaluation, per the CAO. Consultants must have received training from USFWS at one of the two trainings offered in May/June 2018 and is certified to conduct these surveys.

Alex Callender is qualified as a consultant as he received training and certification during the May 2018 class conducted by the United States Fish and Wildlife Service.

B. In-Office Procedures
1. Staff will review land use applications to determine if the MPG field screening protocols described in this memorandum must be initiated for the following:

a. Within 600 feet of a site known to have positive MPG occurrence; or

b. On or within 300 feet of a soil type known to be associated with MPG occupancy.

The existing information shows Everett very gravelly sandy loam 3 to 15 percent slopes, Norma silt loam, and Nisqually loamy fine sand ,and Cagey loamy sand, which are more and less preferred by the MPG. No occurrence of the MPG was found in the PHS Information.

8. Tumwater landowners who know or learn that Mazama pocket gophers are present on their property can move forward with their proposed development by: 1) proposing mitigation to the City as directed in the City's Critical Areas Ordinance (Title 16); or 2) contacting USFWS directly to discuss the review, assessment, and mitigation process most appropriate for their site(s) and proposed activities,

No MPG mounds were found on the parcel.

C. Preliminary Assessment

As land use applications are received, properties mapped with or within 300 feet of gopher and/or prairie soils undergo the following preliminary assessment in-office.

1. For properties or project areas that appear to meet City criteria below, an internal review is conducted by staff biologist to determine if the project may be released from the full gopher review process. The following criteria may release a project from further gopher review:

*The properties **do not meet** the internal review criterial listed below and require two gopher surveys to meet* ESA compliance and with the City of Tumwater Critical Areas Code (TMC 16.32 Fish and Wildlife Habitat Protection). *The surveys were conducted on September 16, 2025 and October 16, 2025.*

- Locations west of the Black River, or on the Steamboat Island or Cooper Point peninsulas.
- Sites submerged for 30 consecutive days or more since October 31, 2017.
- Sites covered with impervious surfaces (as defined in CAO Chapter 17.15 and Title 24).
- Fully forested (>30%) sites with shrub and fern understory.
- Sites that consist of slopes greater than 40 percent, or that contain landslide hazard areas (per existing City regulations).

- Sites on less preferred MPG soils north of Interstate 5.
- Building to take place in the footprint of an existing structure (also mobile home replacements in the same footprint).
- Mobile home replacements in existing lots in an existing mobile home park.
- Heating oil tank removal
- Foundation repair
- Projects which lie >300 feet from mapped gopher soils.

In order to ensure the review process runs efficiently, the following measures will be implemented as part of the 2025 screening approach. These are intended to reduce costs and staff time, and ensure that MPG screening requests, especially those associated with building permit applications, are screened during the screening season.

1. No soil verification will be required in conjunction with MPG field screening.

2. Site mowing or brushing will be required to initiate first site visits, where necessary and feasible, and completed two to four weeks in advance of the site visit.

3. No further screening will be conducted in 2025 following the detection of MPG mounds on a property. The city will notify landowners that MPG evidence has been detected within two weeks.

No MGP were found.

4. At the end of the 2025 season, City staff will provide data regarding MPG occupancy to USFWS.

5. No additional site visit will be required if indeterminate mounds are detected, if the full number of required visits has been completed.

6. The City will prioritize project specific applications over non-project applications. This will help ensure that applicants that have projects ready for construction will receive necessary permits and may initiate construction in a timely manner.

E. Site Visit Overview

Hired consultants will conduct field observations to determine MPG presence on sites with potential habitat. These site visits will be conducted as follows:

1. All valid site visits must be conducted from June 1 through October 31, 2025. Site visits outside that survey window will not be considered valid.

Site visits were conducted on September 16 and October 16, 2025.

2. A site or parcel is considered to be the entire property, not just the footprint of the proposed project.

The Mazama pocket gopher surveys were conducted on the portions of the parcel #'s 0947005100, 12835320200 and 12835430000 found within the bounds of the proposed Deschutes Valley Trail along

the Tumwater Valley Golf Course (parcels 12835430000 and 09470051000) and a park (parcel 12835320200. The parcels are a mix of a golf course grassy fields, forest and wetlands.

3. Sites with less preferred soils (see Attachment A) will be visited two (2) times, at least 30 days apart.

The surveys were conducted according to the protocol.

4. Sites with more preferred soils (see Attachment A) will be visited two (2) times, at least 30 days apart.

The surveys were conducted according to the protocol.

5. Site conditions must be recorded on a data sheet or similar information documented in narrative form. A template data sheet can be found on the city website at http://www.co.thurston.wa.us/permitting/gopher-reviews/index.html

The data sheets are provided in Appendix B.

6. Document and describe which areas of the parcel cannot be screened due to limited accessibility and/or dense understory. This should be depicted on an aerial or site plan submitted to the city.

A portion of the parcel is forested with a shrub and fern layer and is excluded from the survey. The excluded area is shown on the transect maps in Appendix B.

7. The ground must be easily visible to ensure mound observation and identification. Request mowing if necessary to ensure visibility. Wait two to three weeks after mowing before beginning screening.

The ground was visible.

http://www.co.thurston.wa.us/permitting/gopher-reviews/index.html F. Detailed Field Methodology

1. The survey crew orients themselves with the layout of the property using aerial maps, and strategizes their route for walking through the property.

2. Start GPS to record survey route.

3. Walk the survey transects methodically, slowly walking a straight line and scanning an area approximately 2-3 meters to the left and right as you walk, looking for mounds. Transects should be no more than five (5) meters apart when conducted by a single individual.

4. If the survey is performed by a team, walk together in parallel lines approximately 5 meters apart while you are scanning left to right for mounds.

The surveys were conducted according to the protocol.

5. At each mound found, stop and identify it as an MPG or mole mound. If it is an MPG mound, identify it as a singular mound or a group (3 mounds or more) on a data sheet to be submitted to the city. (City has developed data sheets for your use on http://www.co.thurston.wa.us/permitting/gopher-reviews/index.html)

   No signs of gopher or likely gopher mounds were found.

6. Record all positive MPG mounds, likely MPG mounds, and MPG mound groups in a GPS unit that provides a date, time, georeferenced point, and other required information in City GPS data instruction for each MPG mound. Submit GPS data in a form acceptable to the city. City GPS Data instruction can be found at http://www.co.thurston.wa.us/permitting/gopher-reviews/index.html

   No signs of gopher or likely gopher mounds were found.

7. Photograph all MPG mounds or MPG mound groups. At a minimum, photograph MPG mounds or MPG mound groups representative of MPG detections on site.

   No MPG mounds were found during the survey.

8. Photos of mounds should include one that has identifiable landscape features for reference. In order to accurately depict the presence of gopher activity on a specific property, the following series of photos should be submitted to the City:
   - At least one up-close photo to depict mound characteristics
     No MPG mounds were found.
   - At least one photo depicting groups of mounds as a whole (when groups are encountered).
     No MPG mounds were found.
   - At least one photo depicting gopher mounds with recognizable landscape features in the background, at each location where mounds are detected on a property
     No MPG mounds were found.
   - Photos can be taken with the GPS unit or a separate, camera, preferably a camera with locational features (latitude, longitude)
     No MPG mounds were found.
   - Photo point description or noteworthy landscape or other features to aid in relocation. Additional photos to be considered.
     No MPG mounds were found.
   - The approximate building footprint location from at least two cardinal directions.
     No MPG mounds were found.
   - Landscape photos to depict habitat type and in some cases to indicate why not all portions of a property require gopher screening.

Landscape photos are located in Appendix A.

9. Describe and/or quantify what portion and proportion of the property was screened, and record your survey route and any MPG mounds found on either an aerial or parcel map.

The parcels were surveyed within the bounds of the proposed Deschutes Valley Trail.

10. If MPG mounds are observed on a site, that day's survey effort should continue until the entire site is screened, and all mounds present identified, but additional site visits are not required.

No MPG mounds were found. *The mounds found on site were typical of mole mounds with clumpy soils in a linear fashion.*

11. In order for the city to accurately review Critical Area Reports submitted in lieu of City field inspections the information collected in the field (GPS, data sheets, field notes, transect representations on aerial, etc.) shall be filed with the City. GPS

No mounds were found, the information was submitted in an acceptable format.

3.0 CURRENT CONDITIONS AND METHODS

Land Services Northwest conducted surveys on September 16 and October 16, 2025.

Appendix A – Photos

September 17, 2025






Tumwater Trail
Tumwater Trail
09.16.2025 10:33 AM
47.00555, -122.90320
4839 Tumwater Valley Dr SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:34 AM
47.00513, -122.90321
4833 Tumwater Valley Dr SE, Olympia, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:35 AM
47.00465, -122.90332
4833 Tumwater Valley Dr SE, Olympia, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:38 AM
47.00307, -122.90298
316 N St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:39 AM
47.00285, -122.90281
310 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:40 AM
47.00281, -122.90294
315 N St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:40 AM
47.00281, -122.90297
315 N St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:40 AM
47.00272, -122.90301
315 N St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:47 AM
47.00168, -122.90261
310 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:47 AM
47.00167, -122.90262
310 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:49 AM
47.00175, -122.90255
310 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:53 AM
47.00168, -122.90250
310 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:55 AM
47.00112, -122.90200
309 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:59 AM
47.00065, -122.90167
305 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 10:59 AM
47.00063, -122.90171
305 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:00 AM
47.00064, -122.90171
305 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:00 AM
47.00063, -122.90177
305 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:03 AM
47.00087, -122.90205
305 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:06 AM
47.00096, -122.90256
305 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:07 AM
47.00011, -122.90317
305 O St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:07 AM
46.99999, -122.90304
230 Ruby St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:11 AM
46.99963, -122.90217
230 Ruby St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:12 AM
46.99951, -122.90277
231 Ruby St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:12 AM
46.99951, -122.90287
231 Ruby St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:12 AM
46.99950, -122.90287
231 Ruby St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:20 AM
46.99878, -122.90188
324 Hixon Dr SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:23 AM
46.99818, -122.90032
404 Hillcrest Dr SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:24 AM
46.99811, -122.89987
408 Hillcrest Dr SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:32 AM
46.99672, -122.89350
787 T St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:39 AM
46.99684, -122.89154
787 T St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:39 AM
46.99683, -122.89154
787 T St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 11:40 AM
46.99681, -122.89137
787 T St SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 12:35 PM
46.99645, -122.89720


Tumwater Trail
Tumwater Trail
09.16.2025 12:37 PM
46.99655, -122.89576
711 White Hawk Ln SE, Tumwater, WA 98501


Tumwater Trail
Tumwater Trail
09.16.2025 12:39 PM
46.99655, -122.89576
711 White Hawk Ln SE, Tumwater, WA 98501

October 16, 2025




Tumwater
Tumwater
10.16.2025 11:28 AM
47.00253, -122.90300
315 N St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 11:28 AM
47.00228, -122.90279
315 N St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 11:29 AM
47.00222, -122.90274
315 N St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 11:31 AM
47.00186, -122.90804
315 N St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 11:32 AM
47.00190, -122.90295
310 O St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 11:36 AM
47.00149, -122.90233
310 O St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 11:50 AM
47.00010, -122.90324
305 O St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 11:53 AM
46.99963, -122.90208
231 Ruby St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 11:54 AM
46.99952, -122.90273
231 Ruby St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 11:54 AM
46.99950, -122.90287
231 Ruby St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 12:01 PM
46.99862, -122.90117
231 Ruby St SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 12:04 PM
46.99806, -122.89943
408 Hillcrest Dr SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 12:15 PM
46.99628, -122.89416
772 White Hawk Ln SE, Tumwater, WA 98501


Tumwater
Tumwater
10.16.2025 12:16 PM
46.99631, -122.89417
772 White Hawk Ln SE, Tumwater, WA 98501



Land Services Northwest
120 State Avenue NE PMB 190
Olympia, WA 98501

N
LSNW

Tumwater Trail Map
Survey 1
9/16/2025

0 187.5 375 750 Feet



Land Services Northwest
120 State Avenue NE PMB 190
Olympia, WA 98501

N
LSNW

Tumwater Trail Map
Survey 2
10/16/2025

0 187.5 375 750 Feet

2021 Thurston County Mazama Pocket Gopher Screening Field Form **Site Visit Date:** 9.16.25

Site Name and Parcel #	**Parcel #:** 09470051000, 128353202000 and 12835430000 **Project #:** _____ **Site/Landowner:** City of Tumwater
How were the data collected? (circle the method for each)	**Transect:** Trimble **Garmin** Aerial **Mounds** Trimble Garmin Aerial **Notes:** _____
Field Team Personnel: **(Indicate all staff present, CIRCLE who filled out form)**	**Name:** Alex Callender **Name:** Susan Callender **Name:**
Others onsite (name/affiliation)	
Site visit # **(CIRCLE all that apply)**	**1st** 2nd Unable to screen **Notes:**
Do onsite conditions preclude the need for further visits?	Yes **No** **Dense woody cover that encompasses the entire site (trees/shrubs) that appears to preclude any potential MPG use.** Impervious Compacted Graveled Flooded Other _____ **Notes:**
Describe visibility for mound detection:	Poor Fair **Good** **Notes:**
Request mowing? **(CIRCLE and DESCRIBE WHERE MOWING IS NEEDED and SHOW ON AERIAL PHOTO**	Yes **No** N/A **Notes:**

Page 1 of 2

Mounds observed over the whole site are characteristic of:	MPG Mounds	Likely MPG Mounds	Indeterminate	Likely Mole Mounds	Mole Mounds
Quantify or describe amount of each type and approx. # of mounds *Group = 3 mounds or more*	0	0	0	100+	100+
	No MPG mounds (circle)				
MPG mounds in GPS? (CIRCLE and DESCRIBE) If MPG mounds present, entered in GPS?	None All Most Some Notes: Yes No N/A				
Does woody vegetation onsite match aerial photo?	Yes No - describe differences and show on parcel map/aerial:				
What portion(s) of the property was screened? (CIRCLE and DESCRIBE)	All Part - describe and show on parcel map/aerial: The Mazama pocket gopher surveys were conducted on the portions of the parcel #'s 0947005100, 128353202000 and 12835430000 found within the bounds of the proposed Deschutes Valley Trail along the Tumwater Valley Golf Course (parcels 12835430000 and 09470051000) and a park (parcel 12835320200.				
Notes -	Describe, and show on parcel map/aerial if applicable:				
Team reviewed and agreed to data recorded on form? (CIRCLE, and EXPLAIN if "No")	Yes No Reviewed by initials: AC SC ____ ____ Notes:				

Information provided by Thurston County Government Page 2 of 2

2021 Thurston County Mazama Pocket Gopher Screening Field Form **Site Visit Date:** 10.16.25

Site Name and Parcel #	**Parcel #:** 09470051000, 128353202000 and 12835430000 **Project #:** _____ **Site/Landowner:** City of Tumwater
How were the data collected? (circle the method for each)	**Transect:** Trimble **Garmin** Aerial **Mounds** Trimble Garmin Aerial **Notes:** _____
Field Team Personnel: **(Indicate all staff present, CIRCLE who filled out form)**	**Name:** Alex Callender **Name:** Susan Callender **Name:**
Others onsite (name/affiliation)	
Site visit # **(CIRCLE all that apply)**	**1st** 2nd Unable to screen **Notes:**
Do onsite conditions preclude the need for further visits?	Yes **No** **Dense woody cover that encompasses the entire site (trees/shrubs) that appears to preclude any potential MPG use.** Impervious Compacted Graveled Flooded Other _____ **Notes:**
Describe visibility for mound detection:	Poor Fair **Good** **Notes:**
Request mowing? **(CIRCLE and DESCRIBE WHERE MOWING IS NEEDED and SHOW ON AERIAL PHOTO**	Yes **No** N/A **Notes:**

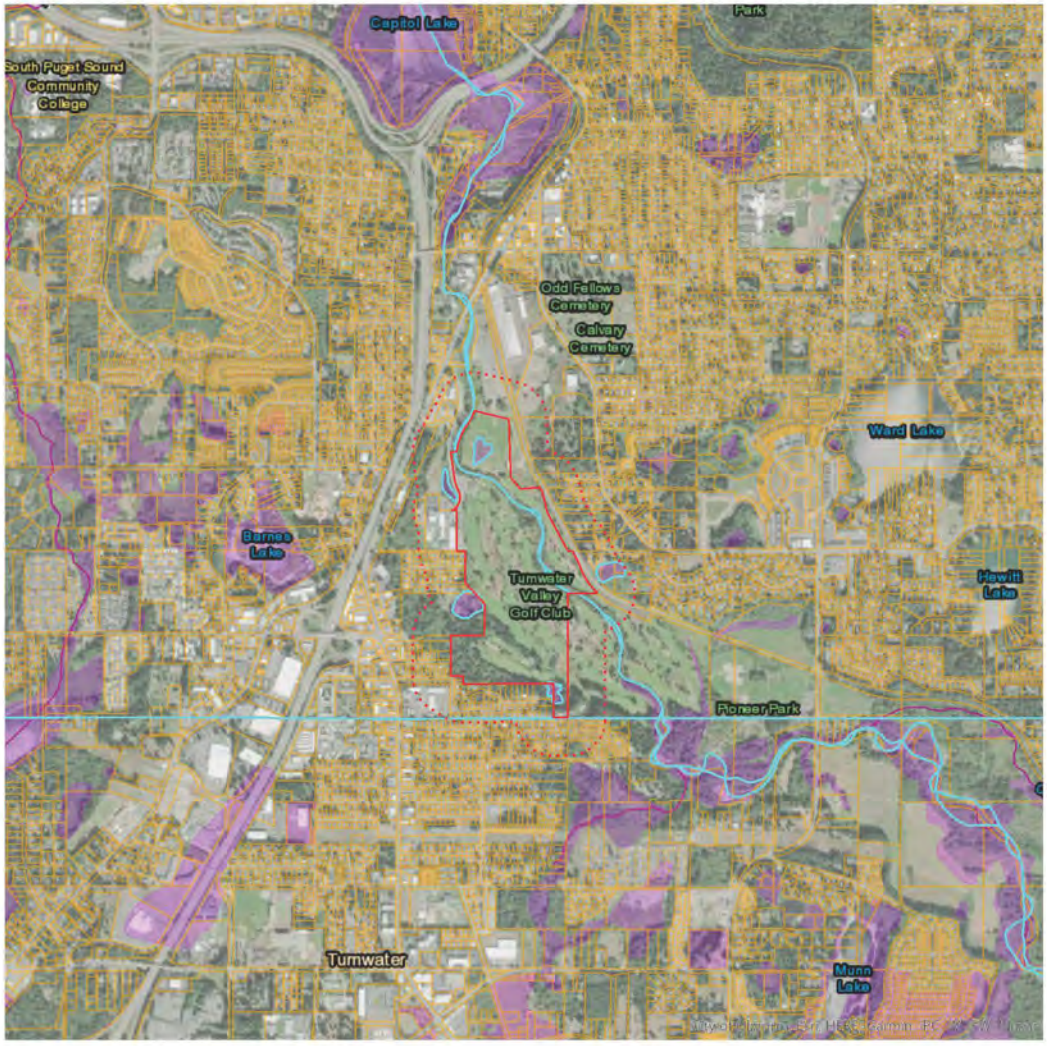
Page 1 of 2

Mounds observed over the whole site are characteristic of:	MPG Mounds	Likely MPG Mounds	Indeterminate	Likely Mole Mounds	Mole Mounds
Quantify or describe amount of each type and approx. # of mounds *Group = 3 mounds or more*	0	0	0	100+	100+
	No MPG mounds (circle)				
MPG mounds in GPS? (CIRCLE and DESCRIBE) If MPG mounds present, entered in GPS?	None All Most Some Notes: Yes No N/A				
Does woody vegetation onsite match aerial photo?	Yes No - describe differences and show on parcel map/aerial:				
What portion(s) of the property was screened? (CIRCLE and DESCRIBE)	All Part - describe and show on parcel map/aerial: The Mazama pocket gopher surveys were conducted on the portions of the parcel #'s 0947005100, 128353202000 and 12835430000 found within the bounds of the proposed Deschutes Valley Trail along the Tumwater Valley Golf Course (parcels 12835430000 and 09470051000) and a park (parcel 12835320200.				
Notes -	Describe, and show on parcel map/aerial if applicable:				
Team reviewed and agreed to data recorded on form? (CIRCLE, and EXPLAIN if "No")	Yes No Reviewed by initials: AC SC ____ ____ Notes:				

Information provided by Thurston County Government Page 2 of 2

Appendix C-PHS

Priority Habitats and Species on the Web



Buffer radius: 600 Feet

Report Date: 09/09/2025, Parcel ID: 09470051000

PHS Species/Habitats Overview:

Occurence Name	Federal Status	State Status	Sensitive Location
Fall Chinook	N/A	N/A	No
Coho	N/A	N/A	No
Cutthroat	Not Warranted	N/A	No
Fall Chum	N/A	N/A	No
Winter Steelhead	N/A	N/A	No
Coho	Candidate	N/A	No
Steelhead	Threatened	N/A	No
Snag-rich Areas	N/A	N/A	No
Freshwater Emergent Wetland	N/A	N/A	No
Freshwater Forested/Shrub Wetland	N/A	N/A	No
Big brown bat			Yes
Little Brown Bat			Yes
myotis spp			Yes
Yuma myotis			Yes
Townsend's Big-eared Bat		Candidate	Yes