

**KITTITAS COUNTY**  
**DEPARTMENT OF PUBLIC WORKS**

---

Pat Deneen  
304 W 1st St  
Cle Elum, WA 98922

September 4, 2015

Dear Mr. Deneen,

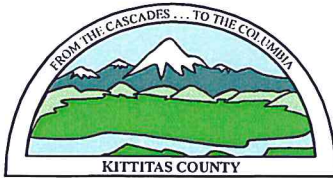
Kittitas County Public Works has determined a traffic impact analysis (TIA) will be required for the Big Creek Trails Rezone RZ-15-00001, which proposes 58 lot residential Planned Unit Developments. A TIA is required when the project will exceed 9 peak hour trips (KCC 12.10.040). The TIA will be required prior to notice of application for the project.

A TIA scope is included with this letter. Please have your traffic consultant contact me to discuss the scope prior to beginning the work.

Sincerely,

A handwritten signature in blue ink that reads "C. Wollman".

Christina Wollman, AICP CFM  
Planner III



# KITTITAS COUNTY DEPARTMENT OF PUBLIC WORKS

---

## TRAFFIC IMPACT ANALYSIS GUIDELINES

- I. Title Page
  1. Name of project
  2. Project sponsor's name and address
  3. Study preparer's name, address and phone number
  4. Date of study preparation
  5. Report certification: responsible engineer's seal, signature, and date
  
- II. Table of Contents
  1. Major sections
  2. List of figures
  3. List of tables
  
- III. Executive Summary (optional)
  1. Site location and study area
  2. Proposed development description
  3. Findings
  4. Recommendations and mitigation
  
- IV. Proposed Development
  1. Purpose of report and study objectives
  2. Description of development
  3. Vicinity map showing location of proposal within the region
  4. Site plan
  5. Phasing and timing of project
  
- V. Existing Conditions
  1. Study area
    - a. Limits of traffic study – study area shall include at a minimum all roads impacting and impacted by the development
    - b. Existing zoning and land use
    - c. Proposed zoning, land use, and intensity in study area
    - d. Anticipated future development in area
  2. Site accessibility
    - a. Study area roadway system
    - b. Existing traffic volumes and conditions in study area
    - c. Existing safety and capacity deficiencies
      - A. Accident analysis
      - B. Conflict analysis
      - C. Horizontal and vertical geometric review
  
- VI. Projected Traffic
  1. Background traffic
    - a. Base-year traffic volumes
    - b. Method of traffic volume projection
    - c. Projected traffic volumes at full build-out or in 20-years (whichever sooner)
    - d. Traffic volumes from other proposed developments

- e. Total background traffic
2. Site traffic
  - a. Trip generation (daily and peak traffic generated by development)
  - b. Trip distribution (how the added trips are distributed on the road system)
3. Total network traffic – background traffic and site traffic combined

VII. Traffic Analysis

1. Site access
2. Capacity and level of service
  - a. Unsignalized intersections - Lund Lane at Nelson Siding Road
  - b. Roadway segments
3. Traffic safety
  - a. Vehicles
  - b. Other modes: bicyclists, pedestrians, and other applicable modes
  - c. Sight distance
4. Site circulation and parking
5. Queuing
  - a. Left turn lane analysis
  - b. Right turn lane analysis
  - c. Other queuing requirements

VIII. Findings/Conclusions

1. Needed improvements to meet Kittitas County Road Standards
2. Site accessibility and circulation plan
3. Compliance with level of service standards
4. Improvements to accommodate background traffic and alternatives identified
5. Additional improvements to accommodate site traffic and alternatives identified
6. Status of improvements already funded, programmed or planned

IX. Appendices (as applicable)

1. Definitions
2. Trip generation sources
3. Passer-by and origin-destination studies
4. Volume and turning movement count sheets
5. Level of service calculations
6. Signal warrant, timing and/or progression calculations
7. Access configuration drawings
8. References

## Lindsey Ozbolt

---

**From:** Christina Wollman  
**Sent:** Friday, September 04, 2015 2:29 PM  
**To:** Pat Deneen  
**Cc:** Lindsey Ozbolt  
**Subject:** Big Creek Trails RZ-15-00001  
**Attachments:** TC-15-00006 Big Creek TIA Required.pdf

The attached letter will be mailed today outlining the requirements for transportation concurrency.

*Christina Wollman, AICP CFM*

Planner III | Floodplain Manager  
Kittitas County Department of Public Works | Flood Control Zone District  
411 N Ruby St, Suite 1 Ellensburg WA 98926 [p] 509.962.7051 | [f] 509.962.7663

---

Notice: All email sent to this address will be received by the Kittitas County email system and may be subject to public disclosure under Chapter 42.56 RCW and to archiving and review.

message id: 38eb45916c6dcbdac24bb8719d004a14