King County

**King County Water and Land Resources Division**
**Wood Investigation Report**
Form to be completed by representatives from both KCWLRD and KCSO for each investigation

**Complaint Report**

Reported By: _____ Phone No.:_____
Address:_____E-mail:_____
Landowner Name:_____ Phone No.:_____
Location, Address, or Parcel #:_____ E-mail:_____
Stream/River:_____ River Mile:_____ Bank looking downstream: _____
Complaint Received By: _____Section: _____ Date: _____
King County Sheriff's Office Contact: _____Phone No.:_____
Complainant's Description of Problem:

**Imminent Threat Assessment**

As a first step, determine the urgency of action based on immediate threat to property, infrastructure, and public safety. If you answer yes to any of the four questions below, report the issue immediately to the King County River and Floodplain Management Section (RFMS) Manager or designee and request technical staff assistance to conduct field checks to answer all questions on this form. Upon completion, e-mail a copy of this form to the RFMS Manager, KCSO, and the complainant, and save an electronic copy in the Large Wood Investigation files.

**Imminent Threat to Property and Infrastructure**

Has the wood damaged a flood district facility or public or private structure? □ Yes □ No
If yes, describe the structure:

Could the wood potentially create or increase the extent of damage to a Flood District facility or public or private structure that may cause loss of function to the facility or structure? □ Yes □ No
If yes, describe the potential threat:

**Imminent Threat to Public Safety**

Has a river recreation accident involving the wood been reported? □ Yes □ No

Is the wood completely spanning the active river channel in a location and season known for high recreational use? Yes No

Follow-up Inspection Need By:
□ Engineer □ Geomorphologist □ Ecologist □ King County Agency _____ □ Stakeholder Group
□ King County Sheriff's Office
Follow-up Assigned to: _____by: _____ date: _____
Assignment Accepted by: _____ date:_____

King County

**Site Diagram**

Sketch a diagram of the site below. At a minimum include a north arrow, both stream banks, a flow direction arrow, the wood piece(s) shown with approximate degree of encroachment into the channel, label the wood pieces (number 1 through *n*) and list their approximate lengths and diameters in the table, label inside and outside bends, draw and label major structures in the vicinity of the wood (flood facility, house, utilities, etc.), indicate parking and an access route to view the wood. If a flood facility has visible damage, indicate the approximate location and size on the sketch. Note the flow rate of the river/stream and indicate stage level on the sketch (i.e. submergence of the wood). Indicate photo point locations and direction (e.g., facing upstream, facing downstream) on the sketch (label as PP#), GPS coordinates (if available) and record photo number from camera in the box provided.

| Photo Point # | GPS coordinates (if available) | Photo # on Camera |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| Wood Inventory | | |
|---|---|---|
| Wood No. | Length (ft) | Diameter (in) |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Date: _____

Flow: _____(cfs)

Gauge: _____

**Recreation Use and Wood**

| | |
|---|---|
| Amount of in-river recreation | □ High □ Moderate □ Low □ None □ Unknown |
| Types of recreation use | □ Floating □ Boating □ Wading/Fishing □ Unknown |
| Recreation seasons | □ Spring □ Summer □ Fall □ Winter □ Unknown |
| User experience levels | □ Expert □ Intermediate □ Beginner □ Unknown |
| How many access points are upstream? | □ 1 □ 2-5 □ More than 5 □ Unknown |

Source of above information: □ KCSO Estimate □ MacIlroy Report □ Cedar Study □ Other:_____
Is there enough sight distance to the wood location for a recreationist to end their float before approaching the wood:
at low flows? □ Definitely □ Probably □ Possibly □ Not Likely
at high flows? □ Definitely □ Probably □ Possibly □ Not Likely
Is there a recreational flow path around the wood:
at low flows? □ Definitely □ Probably □ Possibly □ Not Likely
at high flows? □ Definitely □ Probably □ Possibly □ Not Likely
Is there an easily accessed portage route or take out upstream of the wood? □ Yes □ No □ Don't Know
Pre-existing wood loading in the reach, based on study results or visual assessment, is:
□ High □ Medium □ Low
*High – Wood is present in the active channel and is visible within sight distance of the current location*
*Medium –Wood is present within the active channel around the bend upstream or downstream*
*Low – No other wood is found within the active channel within the upstream or downstream bend*

**Reach Management**

Is the wood in or nearby a King County capital project planning site or reach? □ Yes □ No □ Don't Know
If yes, Division/Section:_____ Project Manager:_____

Is there a Public Safety Management Plan for the project or reach? □ Yes □ No □ Don't Know

Have wood hazards previously been signed in this reach? □ Yes □ No □ Don't Know

Has the King County Sheriff's Office previously or now requested signage for this reach? □ Yes □ No

Have the King County Prosecuting Attorney's Office and King County Risk Management previously approved language for wood hazard signage in this reach? □ Yes □ No □ Don't Know

**Ecological Assessment**

What type, extent, and quality of habitat exist in this reach?

How does the wood contribute to habitat values in this reach?

King County

**Conclusion**

Based on the facts above, draw a conclusion about the risk to public safety posed by the wood and whether or not mitigating actions can be taken to reduce the risk. Describe alternative actions considered and refer to the reach Public Safety Management Plan if applicable.

**Recommended Action(s)**:

□ None □ Monitor □ Signage □ Remedial Pruning □ Reach/River Closure □ Relocate Wood

(*If pruning or relocation is recommended a King County ecologist should, to the extent practicable, evaluate the ecological values and functions of the wood prior to manipulation in order to assess mitigation needs.)*

**Mitigation Recommendation Summary**

If wood manipulation is recommended and implemented, briefly describe the values and functions of wood lost by the management action. Recommend action(s) for anticipated permit-required mitigation.

Mitigation Recommendation Developed by:

Name/Title/Section:_____

Signature:_____ Date:_____

**Wood Evaluator Information**

King County Water and Land Resource Division Representative

Name/Title/Section:_____

Signature:_____Date:_____

King County Sheriff's Office Representative

Name/Title/Section:_____

Signature:_____ Date:_____

King County

**Recommendation Chain of Custody**

Recommendation Approved/Declined by (circle one):
Name/Title/Section:_____
Signature:_____ Date:_____

If recommendation is declined, please indicate reason below:

Recommendation Implemented by:
Name/Title/Section:_____
Signature:_____ Date:_____