

*Irrigation District
Aquatic Pesticide
Permit*

4th Permit Advisory
Committee Meeting
August 29, 2007 -- Olympia

Agenda

- Timeline, Public Comment Period, etc
- Point of Compliance
- Copper Compliance Schedule
- Ditch Bank Applications

Permit Timeline

Feb - Aug 2006	3 Permit Advisory Committee Meetings, 2 draft permits
August 29, '07	4 th meeting, 3 rd draft
September 28	Comments due
October 15	Ecology review comments, sends to permit advisory committee
Nov. – Mid Jan 08	Public hearings on draft permit
Mid Feb., 2008	Issue final permit

Permit Advisory Committee

Role of the Permit Advisory Committee:

- Share information and concerns
- Edit and comment on documents
- Give advice to Ecology

Permit Advisory Committee

Role of the Department of Ecology:

- Write permit
- Permit must follow state laws and regulations

Major Permit Topics

Significant changes are color coded (annotated version)

1. Compliance Points

- Significant issue for Ecology
- Significant number of comments

1. Compliance Points

- Current “Natural Waters”

————— AND —————

- Four locations based on documented presence of anadromous fish

OR

- Biologic evaluation & economic / engineering analysis

1. Compliance Points

- Current “Natural Waters”



Language taken from current permit:

“...water courses that existed prior to the alteration of water drainage and creation of reclamation and irrigation projects.”

1. Compliance Points

- Four locations based on documented presence of anadromous fish

1. *Amon Wasteway at Gage Road....*
2. *Snipes Creek Wasteway at the Benton 29.32 Lateral...*
3. *Sulphur Creek Wasteway at Sheller Road...*
4. *Crab Creek at Red Rock Coulee...*

More location detail in permit

1. Compliance Points

- *Some explanation in permit*
- *Possibly more in fact sheet or other location*
- *Credible data*

- Biologic evaluation & economic / engineering analysis

2. Copper Limits

The copper limit is challenging

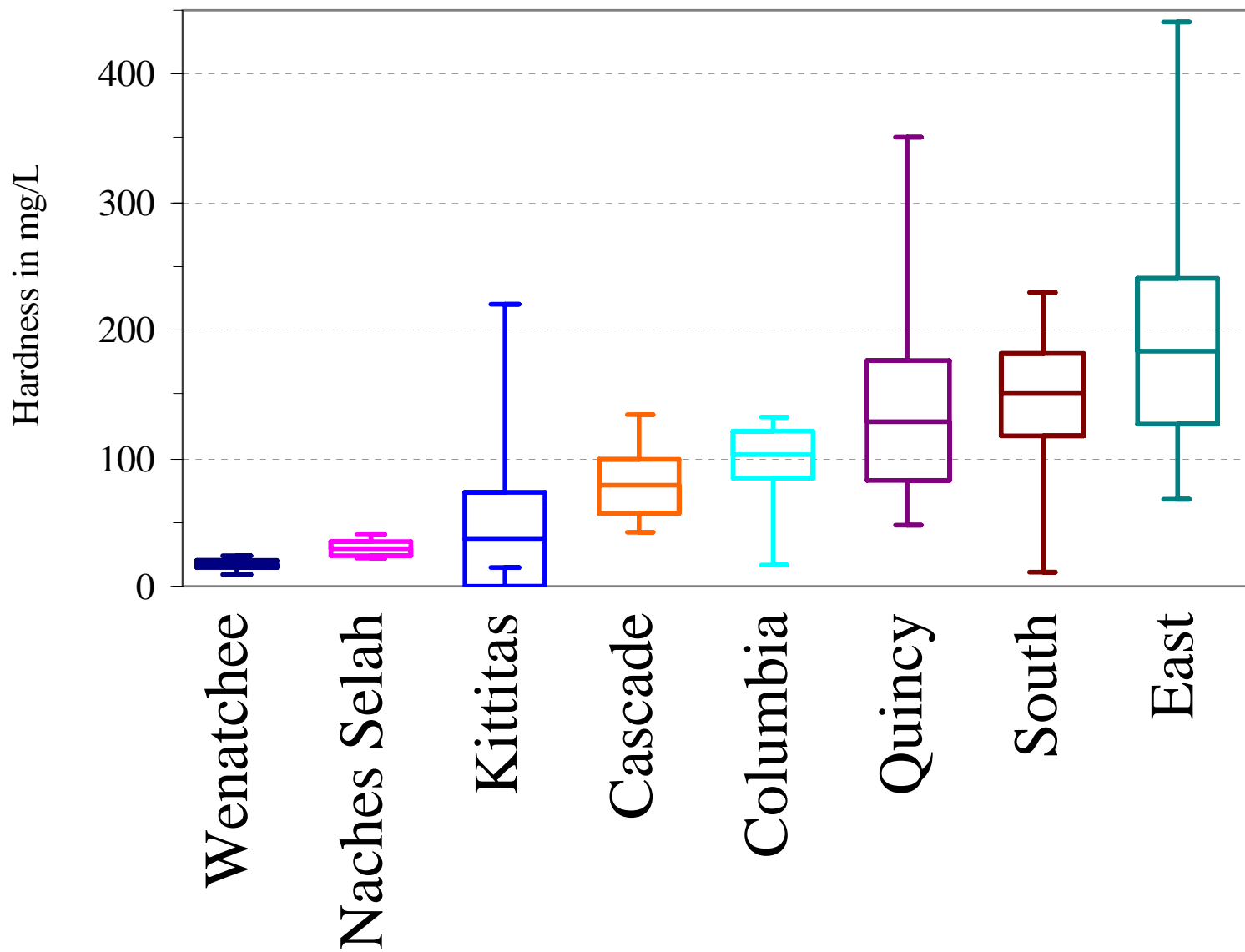
- Current permit limit for copper:
25 ug/L (one day average)

2. Copper Limits

Three parts:

- Hardness value used
- The number
- The duration (one-day average or instantaneous)

Hardness Values at the Compliance Points of Irrigation Districts



If we followed the water quality standards exactly...

District (average)	Copper Criteria
Wenatchee	3.3
Naches Selah	5.4
Kittitas	6.6
Cascade	14
Columbia	18
Quincy	22
South	25
East	30
Lower 10th percentile	4.4

2. Copper Limits

In draft permit:

- 25 ug/L (instantaneous limit)
- Compliance schedule to reach it by 2012 (new)

2. Copper Limits

Other options:

- 24-hour average that is really low
- Individual permits with mixing zones (but with only 2.5% mix, limit would be even more stringent)

3. Ditch Bank Applications

- Added new section for activities covered under other permits
- Designed to match requirements of those permits
- Covers “indirect discharges”

3. Ditch Bank Applications

- Covers: 2,4-D, Glyphosate, Imazapyr, and Triclopyr TEA
- No monitoring requirements [S2.B6]
- Report use on annual report [S3.B]
- No need to notify Ecology [S3.C]
- Posting requirements match other permits [P2.C]

4. Pesticides Covered

Added Imazapyr
(along with
Fluridone and
Green Clean)



[S2.B]

5. "Special Situations"

Edits and new section S2.B4

Questions and Comments:

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Webpage:

www.ecy.wa.gov/programs/wq/pesticides

Reminder: Comments due September 13