Stream Flow Proposal

	Classification Year 0 - 5	Interim Compliance Year 6 -11	Full Compliance Year 11 -16

Presumptive Compliance

Classification — Year 0 - 5

Existing Release Under Regulations

- Consider Factors Indicative of the Degree of Human Alteration of Natural Stream Flow → Develop Draft Stream Flow Classes
- Propose Stream Flow Classifications, Public Notice, and Solicit Comment
- If Classification Change Proposed, 60 day comment period
- Adopt Stream Flow Classifications

Impoundments

Interim Compliance — Year 6 -11

Class 2 – release 75% of natural inflow

Class 3 – releases per Low Level Release Rule

LOW LEVEL RELEASE RULE		
Bioperiod	Effective Date	Minimum Required Release
Overwinter	Dec 1 - Feb 28	Bioperiod Q95
Habitat Forming	Mar 1 - Apr 30	Bioperiod Q95
Cluepeid Spawning	May 1 - May 30	Bioperiod Q95
Resident Spawning	Jun 1 - Jun 30	Bioperiod Q90
Rearing and Growth	Jul 1 - Oct 31	Bioperiod Q80
Salmonid Spawning	Nov 1 - Nov 30	Bioperiod Q90

Class 4 – greater of 0.1 cfsm or existing stream flow

Full Compliance — Year 11 -16

Class 2 – release 75% of natural inflow

Class 3 – Release per Multi-Level Release rule

MULTI-LEVEL RELEASE RULE		Minimum Required Release	
Bioperiod	Effective Date	Anteceedent 14d Period Dry	Anteceedent 14d Period Wet
Overwinter	Dec 1 - Feb 28	Bioperiod Q95	Bioperiod Q75
Habitat Forming	Mar 1 - Apr 30	Bioperiod Q95	Bioperiod Q75
Cluepeid Spawning	May 1 - May 30	Bioperiod Q95	Bioperiod Q75
Resident Spawning	Jun 1 - Jun 30	Bioperiod Q90	Bioperiod Q75
Rearing and Growth	Jul 1 - Oct 31	Bioperiod Q80	Bioperiod Q50
Salmonid Spawning	Nov 1 - Nov 30	Bioperiod Q90	Bioperiod Q75

Class 4 – greater of .1 cfsm or existing stream flow

Data Reporting

Other Diversions

Interim Compliance

Look at diversion impact individually

Operate diversion such that

- Class 1 – max alteration is $.05 \times Q99$
- Class 2 – max alteration is $.25 \times Q99 \times F$
- Class 3 – max alteration is $.50 \times Q99 \times F$
- Class 4 – existing practice

F = ratio Q99 for the bioperiod to Q99 for rearing and growth bioperiod

Full Compliance

Look at diversions in basin cumulatively

Operate diversion such that

- Class 1 – max alteration is $.05 \times Q99$
- Class 2 – max alteration is $.25 \times Q99 \times F$
- Class 3 – max alteration is $.50 \times Q99 \times F$
- Class 4 – existing practice

F = ratio Q99 for the bioperiod to Q99 for rearing and growth bioperiod

Alternate Compliance

Approved Watershed Based Plans

Diversion Permit

Special Compliance

Run of River Dams, Dams with Watersheds < 3 Square Miles, Reservoirs in Series

Exempted

Diversions Not Requiring Permit, Tidal Rivers, Public Safety Withdrawals