



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

1313 Sherman Street
Denver, CO 80203



P (303) 866-3441
F (303) 866-4474

John Hickenlooper, Governor

Mike King, DNR Executive Director

James Eklund, CWCB Director

TO: Colorado Water Conservation Board Members

FROM: Linda Bassi, Chief 
Jeff Baessler, Deputy Section Chief 
Stream and Lake Protection Section

DATE: January 25, 2015

AGENDA ITEM: 13. Instream Flow and Natural Lake Level Appropriation
Recommendations in Water Divisions 1, 4, 5 and 6

Introduction

This memo provides an overview of the technical analyses that were performed by both the recommending entities and CWCB staff to provide the Board with sufficient information to declare its intent to appropriate instream flow and natural lake level water rights in accordance with the Rules Concerning the Colorado Instream Flow and Natural Lake Level Program ("ISF Rules"). An executive summary for each stream and lake recommendation and appendices of the supporting scientific data, which provides the technical basis for each appropriation, was mailed to the Board separately.

Staff Recommendation

Staff recommends that, pursuant to ISF Rule 5d., the Board declare its intent to appropriate an instream flow ("ISF") water right on each stream segment listed and a natural lake level ("NLL") water right for each lake listed on the attached Tabulation of Instream Flow and Natural Lake Level Recommendations, and direct Staff to publicly notice the Board's declaration of its intent to appropriate.

Background

Pursuant to ISF Rule 5d., staff is requesting the Board to declare its intent to appropriate ISF and NLL water rights on the stream segments and lakes identified in the attached table. Staff has reviewed each proposed stream segment and lake to ensure that for each ISF and NLL recommendation, the data set is complete and standard methods and procedures were followed. In addition, staff has completed its water availability studies. Staff has identified 16 stream segments, and four natural lakes in Water Divisions 1, 4, 5 and 6 for which sufficient information has been compiled and analyses performed upon which the Board can base its intent to appropriate. These stream segments and lakes are located in Larimer, Delta, Gunnison, Garfield, Rio Blanco, and Routt Counties.

Technical Investigations

Staff's executive summary and technical analysis of each stream and lake are contained in the Instream Flow Recommendation Reports and form the basis for staff's recommendations. In addition to the reports, the scientific data and technical analyses performed by the recommending entity are



accessible on the Board's web site at: <http://cwcw.state.co.us/environment/instream-flow-program/Pages/2015ProposedISFAppropriations.aspx>

Natural Environment Studies

The Bureau of Land Management (BLM), Colorado Parks and Wildlife (CPW), the United States Forest Service, and the City of Fort Collins have conducted field surveys of the natural environment resources on these streams and lakes and have found natural environments that can be preserved. To quantify the resources and to evaluate instream flow requirements, the BLM and CPW collected biologic and hydraulic data and performed R2CROSS modeling on all segments. The CWCB staff analyzed and/or reviewed all of the data and models used to support the recommendations, and worked with the recommending entities to prepare final recommendations of the amount of water necessary to preserve the natural environment to a reasonable degree for each of the streams listed on the attached Tabulation of Instream Flow and Natural Lake Level Recommendations.

Water Availability Studies

Staff has conducted an evaluation of water availability for the streams and lakes listed. To determine the amount of water physically available for the Board's instreamflow appropriations, staff analyzed available USGS gage records, available streamflow models, and/or utilized appropriate standard methods to develop a hydrograph of median daily and/or mean monthly flows for each stream flow recommendation. To determine water availability for the lakes, staff reviewed hydrology, analyzed historical aerial photos, and obtained information from people familiar with the proposed NLL to assess the long term persistence of the lakes. In addition, staff analyzed the water rights tabulation for each stream and lake and consulted with the Division Engineer's Office in the relevant water division to identify any potential water availability problems. Based upon its analyses, staff has determined that water is available for appropriation on each stream and lake to preserve the natural environment to a reasonable degree without limiting or foreclosing the exercise of valid water rights.

Stakeholder Outreach

Staff provided public notice of the recommendations in both March and November of 2014 and contacted or met with the County Commissioners for each county where the stream segments are located. In addition, water commissioners and local land owners were contacted when possible to further discuss the recommendations.

Instream Flow Rule 5d.

Rule 5d. provides that the Board may declare its intent to appropriate ISF water rights after reviewing Staff's recommendations for the proposed appropriations. Rule 5d. also sets forth the activities that take place after the Board declares its intent that initiate the public notice and comment procedure for the ISF appropriations. Specifically,

- 5d. Board's Intent to Appropriate. Notice of the Board's potential action to declare its intent to appropriate shall be given in the January Board meeting agenda and the Board will take public comment regarding its intent to appropriate at the January meeting.
- (1) After reviewing Staff's ISF recommendations for proposed ISF appropriations, the Board may declare its intent to appropriate specific ISF water rights. At that time, the Board shall direct the Staff to publicly notice the Board's declaration of its intent to appropriate.
 - (2) After the Board declares its intent to appropriate, notice shall be published in a mailing to the ISF Subscription Mailing Lists for the relevant water divisions and shall include:



- (a) A description of the appropriation (e.g. stream reach, lake location, amounts, etc.);
 - (b) Availability (time and place) for review of Summary Reports and Investigations Files for each recommendation; and,
 - (c) Summary identification of any data, exhibits, testimony or other information in addition to the Summary Reports and Investigations Files supporting the appropriation.
- (3) Published notice shall also contain the following information:
- (a) The Board may change flow amounts of contested ISF appropriations based on information received during the public notice and comment period.
 - (b) Staff will maintain, pursuant to Rule 5e.(3), an ISF Subscription Mailing List for each water division composed of the names of all persons who have sent notice to the Board Office that they wish to be included on such list for a particular water division. Any person desiring to be on the ISF Subscription Mailing List(s) must send notice to the Board Office.
 - (c) Any meetings held between Staff and members of the public will be open to the public. Staff may provide Proper Notice prior to any such meetings and may provide notice to persons on the ISF Subscription Mailing List(s).
 - (d) Any Notice to Contest must be received at the Board office no later than March 31st, or the first business day thereafter. All Notices of Party status and Contested Hearing Participant status must be received at the Board office no later than April 30th, or the first business day thereafter.
 - (e) Staff will announce its Final Staff ISF Recommendation concerning contested appropriations at the September Board meeting and will send notice of the Final Staff Recommendation to all persons on the Contested Hearing Mailing List.
 - (f) The Board may take final action on any uncontested ISF appropriations at the May Board meeting.
- (4) After the Board declares its intent to appropriate, notice of the Board's action shall be mailed within five working days to the County Commissioners of the county(ies) in which the proposed reach or lake is located.

Attachment





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Conservation Board**

Department of Natural Resources

Instream Flow Tabulation

Water Division 1

Case Number	Stream	Watershed	County	Upper Terminus	Lower Terminus	Length (miles)	USGS QUADS	Amount(dates) (CFS)	Approp Date
13/1/A-001	Graves Creek	Lonetree Creek-Owl Creek	Larimer	Colorado - Wyoming border at lat 40 59 54N long 105 01 05W	confl unnamed trib at lat 40 58 12N long 104 59 33W	2.76	Carr West Round Butte	0.17 (1/1 - 12/31)	
13/1/A-003	Spottlewood Creek	Cache la Poudre	Larimer	a point located at lat 40 59 33N long 105 03 12W	a point located at lat 40 57 55N long 105 00 57W	3.53	Round Butte	0.1 (1/1 - 12/31)	

Totals for Water Division 1

Total # of Stream Miles = 6.29

Total # of Appropriations = 2

(Totals do not include donated/acquired water rights)

Instream Flow Tabulation - Water Division 4

Case Number	Stream	Watershed	County	Upper Terminus	Lower Terminus	Length (miles)	USGS QUADS	Amount(dates) (CFS)	Approp Date
15/4/A-001	Alkali Creek	Lower Gunnison	Delta	headwaters in the vicinity of lat 38 53 45N long 108 09 34W	confl Lone Starr Ditch hdgt at lat 38 50 08N long 108 09 20W	5.10	Indian Point Point Creek	0.3 (11/1 - 5/15) 2 (5/16 - 7/31) 1.5 (8/1 - 8/31) 0.8 (9/1 - 10/31)	
15/4/A-002	Hubbard Creek	North Fork Gunnison	Delta	US Forest Service Boundary at lat 38 57 23N long 107 31 45W	Deertrail Ditch hdgt at lat 38 56 03N long 107 31 06W	1.88	Bowie	8.3 (4/1 - 6/10) 408 (6/11 - 8/15) 1.8 (8/16 - 3/31)	
15/4/A-006	Schaefer Creek	North Fork Gunnison	Gunnison	headwaters in the vicinity of lat 38 51 12N long 107 15 17W	confl Grouse Spring Creek at lat 38 55 03N long 107 16 49W	5.92	Anthracite Range Marcellina Mountain Paonia Reservoir West Beckwith Mountain	1.7 (12/1 - 4/15) 4.6 (4/16 - 7/31) 2.9 (8/1 - 11/30)	
15/4/A-007	Terror Creek	North Fork Gunnison	Delta	confl East & West Terror Creeks at lat 38 56 54N long 107 34 29W	Terror Ditch hdgt at lat 38 55 36N long 107 34 24W	1.55	Bowie	1.5 (10/1 - 3/31) 4.8 (4/1 - 9/30)	
15/4/A-008	Terror Creek	North Fork Gunnison	Delta	Terror Ditch hdgt at lat 38 55 36N long 107 34 24W	Fire Mountain Canal at lat 38 54 23N long 107 34 02W	1.52	Bowie	4.2 (4/1 - 5/31)	

Totals for Water Division 4

Total # of Stream Miles = 15.97

Total # of Appropriations = 5

(Totals do not include donated/acquired water rights)

Instream Flow Tabulation - Water Division 5

Case Number	Stream	Watershed	County	Upper Terminus	Lower Terminus	Length (miles)	USGS QUADS	Amount(dates) (CFS)	Approp Date
15/5/A-001	Timber Springs Gulch	Eagle	Eagle	Spring Complex at lat 39 40 27N long 106 37 39W	BLM Property Boundary at lat 39 40 03N long 106 37 41W	0.47	Edwards Wolcott	1 (11/1 - 3/31) 1.3 (4/1 - 10/31)	

Totals for Water Division 5	Total # of Stream Miles =	0.47
	Total # of Appropriations =	1
	<i>(Totals do not include donated/acquired water rights)</i>	

Instream Flow Tabulation - Water Division 6

Case Number	Stream	Watershed	County	Upper Terminus	Lower Terminus	Length (miles)	USGS QUADS	Amount(dates) (CFS)	Approp Date
15/6/A-001	Armstrong Creek	Upper Yampa	Routt	LT of ISF case # 06CW035 at lat 40 44 40N long 107 08 08W	confl Elkhead Creek at lat 40 44 43N long 107 08 12W	0.10	Quaker Mountain	1 (4/1 - 6/30) 0.5 (7/1 - 7/31) 0.22 (8/1 - 3/31)	
15/6/A-003	Brush Creek	Lower White	Rio Blanco Garfield	headwaters in the vicinity of lat 39 36 09N long 108 45 23W	confl East Douglas Creek at lat 39 39 16N long 108 42 26W	5.31	Calf Canyon Douglas Pass	0.5 (11/1 - 3/31) 0.65 (4/1 - 10/31)	
15/6/A-004 (increase)	East Douglas Creek	Lower White	Rio Blanco Garfield	confl Bear Park Creek at lat 39 38 13N long 108 41 43W	confl Brush Creek at lat 39 39 16N long 108 42 26W	1.56	Brushy Point	2.1 (5/1 - 7/15) 0.5 (7/16 - 10/15)	
15/6/A-005 (increase)	East Douglas Creek	Lower White	Rio Blanco	confl Brush Creek at lat 39 39 16N long 108 42 26W	confl Cathedral Creek at lat 39 46 59N long 108 38 35W	14.22	Brushy Point White Coyote Draw	0.5 (5/1 - 10/15)	
15/6/A-006	Elkhead Creek	Upper Yampa	Routt	LT of ISF Case # 06CW034 at lat 40 45 04N long 107 07 60W	confl First Creek at lat 40 44 02N long 107 10 01W	3.68	Bears Ears Peaks Quaker Mountain	7.6 (4/1 - 6/30) 4.1 (7/1 - 7/31) 1.7 (8/1 - 3/31)	
15/6/A-010 (increase)	Soldier Creek	Lower White	Rio Blanco	confl RF & MF Solider Creek at lat 39 42 57N long 108 34 31W	confl Cathedral Creek at lat 39 45 36N long 108 33 48W	3.67	Black Cabin Gulch Razorback Ridge	0.4 (4/1 - 9/30)	
13/6/A-005	Yellow Creek	Piceance Creek- Yellow Creek	Rio Blanco	confl Barcus Creek at lat 40 07 04N long 108 21 40W	confl Lambert Springs at lat 40 08 35N long 108 23 09W	3.66	Barcus Creek Barcus Creek SE Rough Gulch	1.5 (3/1 - 6/15) 0.6 (6/16 - 2/29)	
13/6/A-006	Yellow Creek	Piceance Creek- Yellow Creek	Rio Blanco	confl Lambert Springs at lat 40 08 35N long 108 23 09W	confl White River at lat 40 10 22N long 108 24 11W	3.45	Rough Gulch	2.3 (3/1 - 6/15) 1.1 (6/16 - 2/29)	

Totals for Water Division 6

Total # of Stream Miles = 35.65

Total # of Appropriations = 8

(Totals do not include donated/acquired water rights)

Instream Flow Tabulation - Water Division 6

Case Number	Stream	Watershed	County	Upper Terminus	Lower Terminus	Length (miles)	USGS QUADS	Amount(dates) (CFS)	Approp Date
				Report Totals		Total # of Stream Miles =		58.38	
						Total # of Appropriations =		16	
						(Totals do not include donated/acquired water rights)			



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Natural Lake Tabulation

Water Division 1

Case Number	Name of Lake	Watershed	County	Lake Location	Surface Acres	Elevation (ft)	Volume (AF)	Approp Date	USGS Map Name
15/1/A-001	Spottlewood Lake 1	Cache la Poudre	Larimer	lat 40 52 16N long 104 59 56W	0.053	5,635	0.19		Carr SW
15/1/A-002	Spottlewood Lake 2	Cache la Poudre	Larimer	lat 40 52 28N long 104 59 53W	0.045	5,646	0.12		Carr SW
15/1/A-003	Spottlewood Lake 3	Cache la Poudre	Larimer	lat 40 52 27N long 104 59 50W	0.192	5,648	0.17		Carr SW
15/1/A-004	Spottlewood Lake 4	Cache la Poudre	Larimer	lat 40 52 31N long 104 59 37W	0.089	6,659	0.16		Carr West



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1313 Sherman Street, Room 721
Denver, CO 80203

NOTICE

To: Instream Flow Subscription Mailing Lists

Subject: Proposed 2015 Instream Flow and Natural Lake Level Appropriations in Water Divisions 1, 4, 5 and 6

Date: January 30, 2015

At its January 26-27, 2015 regular meeting, the Colorado Water Conservation Board (CWCB) declared its intent to appropriate instream flow (ISF) water rights on 16 streams segments and natural lake level (NLL) water rights on 4 lakes. The attached ISF table provides the name, watershed, county, upper terminus, lower terminus, length and flow amounts for all sixteen stream segments. The attached NLL table provides the name, watershed, county, location, surface elevation and volume for the 4 lakes.

Copies of the Instream Flow and Natural Lake Level Recommendations and Appendices of data submitted into the Official CWCB Record are available for review by the public during regular business hours (8:00 a.m. - 5:00 p.m.) at the Colorado Water Conservation Board's Office, located at 1313 Sherman Street, Room 718, Denver, Colorado, 80203. In addition to the CWCB office, copies of the Instream Flow and Natural Lake Level Recommendations are available online at:

<http://cwcb.state.co.us/environment/instream-flow-program/Pages/2015ProposedISFAappropriations.aspx>

In addition to the above Instream Flow and Natural Lake Level Recommendation Summary Reports and Appendices, staff may rely on any additional data, exhibits, testimony, or other information submitted by any party as part of the Official CWCB Record to support its Instream Flow Recommendations. Pursuant to Rule 5d.(3) of the [Rules Concerning the Colorado Instream Flow and Natural Lake Level Program adopted by the Colorado Water Conservation Board](#), it should also be noted that:

(a) The Board may change flow amounts of contested ISF appropriations based on information received during the public notice and comment period.



(b) Staff will maintain, pursuant to Rule 5e.(3), an ISF Subscription Mailing List for each water division composed of the names of all persons who have sent notice to the Board Office that they wish to be included on such list for a particular water division. Any person desiring to be on the ISF Subscription Mailing List(s) must send notice to the Board Office.

(c) Any meetings held between Staff and members of the public will be open to the public. Staff may provide Proper Notice prior to any such meetings and may provide notice to persons on the ISF Subscription Mailing List(s).

(d) Any Notice to Contest must be received at the Board office no later than March 31, 2015. All Notices of Party status and Contested Hearing Participant status must be received at the Board office no later than April 30, 2015.

(e) Staff will announce its Final Staff Instream Flow Recommendation concerning contested appropriations at the September 2015 Board meeting and, prior to that meeting, will send notice of the Final Staff Recommendation to all persons on the Contested Hearing Mailing List.

(f) The Board may take final action on any uncontested ISF appropriations at the May 2015 Board meeting.

A notice to contest an ISF or NLL appropriation must be made in writing and contain the following information: (a) identification of the Person(s) requesting the hearing; (b) identification of the ISF or NLL appropriation(s) at issue; and (c) the contested facts and a general description of the data upon which the Person will rely to the extent known at that time.

Should you wish to comment on the proposed ISF or NLL Recommendations, you may do so by writing Jeff Baessler of the Board's staff at the address given above or by sending your comments by email to jeffrey.baessler@state.co.us. It should be noted that while your appearance at any meeting is welcome, such an appearance is not necessary for your concerns to be recognized. Staff will take your comments into account and, if you so request, will present them to the Board in your absence. If you are not currently on the Board's Instream Flow Subscription Mailing List and you would like to be, please contact the Board's Office at the address given above.

Instream Flow Recommendations

Div	Stream	Watershed	County	Length (miles)	Upper Terminus*	Lower Terminus*	Flow (CFS)
1	Graves Creek	Lone Tree Creek – Owl Creek	Larimer	2.76	Colorado-Wyoming border	confl. unnamed tributary	0.17 (1/1-12/31)

1	Spottlewood Creek	Cache La Poudre	Larimer	3.53	A point at UTM North: 4537937.85 East 495521.89	A point at UTM North: 4534887.62 East: 498663.70	0.1 (1/1-12/31)
4	Alkali Creek	Lower Gunnison	Delta	5.10	Headwaters	Lone Star Ditch Headgate	0.3 (11/1-5/15) 2 (5/16-7/31) 1.5 (8/1-8/31) 0.8 (9/1-10/31)
4	Hubbard Creek	North Fork Gunnison	Delta	1.88	U. S. Forest Service Boundary	Deertrail Ditch Headgate	8.3 (4/1-6/10) 2.6 (6/11-8/15) 1.8 (8/16-3/31)
4	Terror Creek	North Fork Gunnison	Delta	1.55	confl. East & West Terror Creeks	Terror Ditch Headgate	1.5 (10/1-3/31) 4.8 (4/1-9/30)
4	Terror Creek	North Fork Gunnison	Delta	1.52	Terror Ditch Headgate	Fire Mountain Canal	4.2 (4/1-5/31)
4	Schaefer Creek	North Fork Gunnison	Gunnison	5.92	Headwaters	confl. Grouse Spring Creek	1.7 (12/1-4/15) 4.6 (4/16-7/31) 2.9 (8/1-11/30)
5	Timber Springs Gulch	Eagle	Eagle	0.47	Springs Complex	BLM Property Boundary	1 (11/1-3/31) 1.3 (4/1-10/31)
6	Brush Creek	Lower White	Garfield, Rio Blanco	5.31	Headwaters	confl. East Douglas Creek	0.5 (11/1-3/31) 0.65 (4/1-10/31)
6	East Douglas Creek (Increase)	Lower White	Garfield, Rio Blanco	1.56	confl. Bear Park Creek	confl. Brush Creek	2.1 (5/1-7/15) 0.5 (7/16-10/15)
6	East Douglas Creek (Increase)	Lower White	Rio Blanco	14.22	confl. Brush Creek	confl. Cathedral Creek	0.5 (5/15-10/15)
6	Soldier Creek (Increase)	Lower White	Rio Blanco	3.67	confl. Right Fork & Middle Fork Soldier Creeks	confl. Cathedral Creek	0.4 (4/1-9/30)
6	Yellow Creek	Piceance-Yellow	Rio Blanco	3.66	confl. Barcus Creek	confl. Lambert Springs	1.5 (3/1-6/15) 0.6 (6/16-2/29)
6	Yellow Creek	Piceance-Yellow	Rio Blanco	3.45	confl. Lambert Springs	confl. White River	2.3 (3/1-6/15) 1.1 (6/16-2/29)
6	Armstrong Creek	Upper Yampa	Routt	0.10	Lower Terminus of ISF case # 06CW035	confl. Elkhead Creek	1 (4/1-6/30) 0.5 (7/1-7/31) 0.22 (8/1-3/31)
6	Elkhead Creek	Upper Yampa	Routt	3.68	Lower Terminus of ISF Case # 06CW034	confl. First Creek	7.6 (4/1-6/30) 4.1 (7/1-7/31) 1.7 (8/1-3/31)

*All UTM's NAD 1983 Zone 13 North

Natural Lake Level Recommendations

Div	Lake	Watershed	County	Location*	Elevation (ft)	Volume (Acre Feet)
1	Spottlewood Lake # 1	Cache La Poudre	Larimer	UTM North:4524450.31 UTM East: 500088.64	5,635	0.19
1	Spottlewood Lake # 2	Cache La Poudre	Larimer	UTM North:4524806.62 UTM East: 500159.81	5,646	0.12
1	Spottlewood Lake # 3	Cache La Poudre	Larimer	UTM North:4524786.50 UTM East: 500226.24	5,648	0.17
1	Spottlewood Lake # 4	Cache La Poudre	Larimer	UTM North:4524912.38 UTM East: 500530.95	5,659	0.16

*All UTM's NAD 1983 Zone 13 North

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Department of Natural Resources

1313 Sherman Street
Denver, CO 80203P (303) 866-3441
F (303) 866-4474

John Hickenlooper, Governor

Mike King, DNR Executive Director

James Eklund, CWCB Director

TO: Colorado Water Conservation Board Members

FROM: Jeff Baessler, Deputy Section Chief
Stream and Lake Protection Section

DATE: November 20, 2014

AGENDA ITEM: #19. Notice of 2015 Instream Flow Recommendation Appropriations in Water Divisions 1, 4, 5, and 6

Background

Pursuant to Instream Flow ("ISF") Rule 5c., the Colorado Water Conservation Board is providing notice that the following 21 stream segments and 5 natural lake level recommendations are being considered for ISF and natural lake level appropriations in 2015. At the January 2015 CWCB meeting, Staff may request that the Board form its intent to appropriate ISF and natural lake level water rights on some or all these streams and lakes. These streams were previously noticed at the Board's March 2014 meeting.

Staff Recommendation

This is an informational item that provides notice of recommended stream segments and natural lakes that staff may bring to the Board in January 2015 with a recommendation that the Board form its intent to appropriate ISF and natural lake level water rights. No Board action is required.

Div	Stream	County	Recommender(s)
1	Graves Creek Colorado-Wyoming border to South Line S27 T12N R68W 6 th PM	Larimer	CPW & City of Fort Collins
1	Upper Spottlewood Creek NW S29 T12N R68W 6 th PM to NW S33 T12N R68W 6 th PM	Larimer	CPW & City of Fort Collins
1	Spottlewood Lake 1 UTM North: 4524450.31 East: 500088.64 (NAD 1983 Zone 13 North)	Larimer	CPW & City of Fort Collins
1	Spottlewood Lake 2 UTM North: 4524566.61 East: 500021.07 (NAD 1983 Zone 13 North)	Larimer	CPW & City of Fort Collins
1	Spottlewood Lake 3 UTM North: 4524806.62 East: 500159.81 (NAD 1983 Zone 13 North)	Larimer	CPW & City of Fort Collins
1	Spottlewood Lake 4 UTM North: 4524786.50 East: 500226.24 (NAD 1983 Zone 13 North)	Larimer	CPW & City of Fort Collins



1	Spottlewood Lake 5 UTM North: 4524912.38 East: 500530.95 (NAD 1983 Zone 13 North)	Larimer	CPW & City of Fort Collins
1	Lone Tree Creek NW S29 T12N R67W 6 th PM to SE S31 T12N R67W 6 th PM	Weld	CPW & City of Fort Collins
4	Alkali Creek Headwaters to Lone Star Ditch Headgate	Delta	BLM
4	Hubbard Creek USFS Boundary to Deer Trail Ditch Headgate	Delta	BLM
4	Terror Creek Confl. East & West Terror Creeks to Terror Ditch Headgate	Delta	BLM
4	Terror Creek Terror Ditch Headgate to Fire Mountain Canal	Delta	BLM
4	Schaefer Creek Headwaters to confl. Grouse Spring Creek	Gunnison	USFS
4	Kelso Creek Headwaters to Red Squirrel Ditch Headgate	Mesa	USFS
5	Timber Springs Gulch Springs Complex to Groff Ditch Cottonwood Enlargement Headgate	Eagle	BLM
6	Brush Creek Headwaters to confl. East Douglas Creek	Garfield, Rio Blanco	BLM
6	East Douglas Creek (Increase) Confl. Bear Park Creek to confl. Brush Creek	Garfield, Rio Blanco	BLM
6	East Douglas Creek (Increase) Confl. Brush Creek to confl. Cathedral Creek	Rio Blanco	BLM
6	Soldier Creek (Increase) Confl. Right Fork & Middle Fork Soldier Creeks to confl. Cathedral Creek	Rio Blanco	BLM
6	Yellow Creek <i>Confl. Barcus Creek to confl. Lambert Springs</i>	Rio Blanco	BLM
6	Yellow Creek <i>Confl. Lambert Springs to confl. White River</i>	Rio Blanco	BLM
6	Armstrong Creek Lower Terminus of ISF case # 06CW035 to confl Elkhead Creek	Routt	CPW
6	Elkhead Creek Lower Terminus of ISF Case # 06CW034 to confl. Armstrong Creek	Routt	CPW
6	Elkhead Creek Confl. Armstrong Creek to confl. First Creek.	Routt	CPW
6	Willow Creek (Increase) Outlet of Steamboat Lake to confl. Beaver Creek	Routt	BLM
6	Willow Creek (Increase) Confl. Beaver Creek to confl. Lester Creek	Routt	BLM

* CPW (Colorado Parks and Wildlife), BLM (Bureau of Land Management)

The detailed recommendations and appendices for these streams can be found on the CWCB website at <http://cwcb.state.co.us/environment/instream-flow-program/Pages/2015ProposedISFAappropriations.aspx>



STATE OF
COLORADO

Viehl - DNR, Rob <rob.viehl@state.co.us>

CWCB Proposed 2015 ISF Recommendations

1 message

Rob Viehl <Rob.Viehl@state.co.us>

Thu, Nov 6, 2014 at 1:33 PM

To: rob.viehl@state.co.us

**COLORADO****Colorado Water
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Department of Natural Resources

1313 Sherman Street, Room 718, Denver, Colorado 80203

Phone: (303) 866-3441 * Fax: (303) 866-4474

www.cwcb.state.co.us

Pursuant to ISF Rule 5c. of the Rules Concerning the Colorado Instream Flow and Natural Lake Level Program, this notice identifies the streams and lakes to be considered for instream flow (ISF) and natural lake level appropriations in 2015. At the January 2015 meeting of the Colorado Water Conservation Board (CWCB), staff may request that the Board form its intent to appropriate instream flow and natural lake level water rights for the streams and lakes listed on the attached Instream Flow and Natural Lake Level Appropriation List. The attached list contains a description of the Instream Flow and Natural Lake Level Recommendations including stream name, watershed, county, upper terminus, lower terminus, length, and USGS quad sheet name(s).

Copies of the Instream Flow and Natural Lake Level Recommendations and Appendices of data submitted into the Official CWCB Record are available for review by the public during regular business hours (8:00 a.m. - 5:00 p.m.) at the Colorado Water Conservation Board's Office, located at 1313 Sherman Street, Room 718, Denver, Colorado, 80203. In addition to the CWCB office, copies of the Instream Flow and Natural Lake Level Recommendations are available online at:

<http://cwcb.state.co.us/environment/instream-flow-program/Pages/2015ProposedISFA appropriations.aspx>

In addition to the above Instream Flow and Natural Lake Level Recommendations and Appendices, staff may rely on any additional data, exhibits, testimony, or other information submitted by any party as part of the Official CWCB Record to support its Instream Flow and Natural Lake Level Recommendations.

It should also be noted that, pursuant to the [ISF Rules](#):

5d. (3)

(a) The Board may change flow amounts of contested ISF appropriations based on information received during the public notice and comment period.

(b) Staff will maintain, pursuant to Rule 5e.(3), an ISF Subscription Mailing List for each water division composed of the names of all persons who have sent notice to the Board Office that they wish to be included on such list for a particular water division. Any person desiring to be on the ISF Subscription Mailing List(s) must send notice to the Board Office.

(c) Any meetings held between Staff and members of the public will be open to the public. Staff may provide Proper Notice prior to any such meetings and may provide notice to persons on the ISF Subscription Mailing List(s).

(d) Any Notice to Contest must be received at the Board office no later than March 31, 2015, or the first business day thereafter. All Notices of Party status and Contested Hearing Participant status must be received at the Board office no later than April 30, 2015 or the first business day thereafter.

(e) Staff will announce its Final Staff ISF Recommendation concerning contested appropriations at the September 2015 Board meeting and will send notice of the Final Staff Recommendation to all persons on the Contested Hearing Mailing List.

(f) The Board may take final action on any uncontested ISF appropriations at the May 2015 Board meeting.

Should you wish to comment on the proposed Instream Flow and Natural Lake Level Recommendations, you may do so by writing Jeff Baessler of the Board's staff at the address given above or by sending your comments by email to jeffrey.baessler@state.co.us, or rob.viehl@state.co.us. It should be noted that while your appearance at any meeting is welcome, such an appearance is not necessary for your concerns to be recognized. Staff will take your comments into account and, if you so request, will present them to the Board in your absence. If you are not currently on the Board's Instream Flow Subscription Mailing List and you would like to be, please contact the Board's Office at the address given above.

Instream Flow Recommendations

Div	Stream	Watershed	County	Length (miles)	Upper Terminus	Lower Terminus	Quad Sheet(s)
1	Graves Creek	Lone Tree - Owl	Larimer	2.68	Colorado-Wyoming border	South Line S27 T12N R68W 6 th PM	Carr West, Round Butte
1	Spottewood Creek #1	Cache La Poudre	Larimer	2.03	NW S29 T12N R68W 6 th PM	NW S33 T12N R68W 6 th PM	Round Butte
1	Lone Tree Creek	Lone Tree - Owl	Weld	2.88	NW S29 T12N R67W 6 th PM	SE S31 T12N R67W 6 th PM	Carr West
4	Alkali Creek	Lower Gunnison	Delta	7.83	Headwaters	Lone Star Ditch Headgate	Indian Point, Point Creek

4	Hubbard Creek	North Fork Gunnison	Delta	1.88	USFS Boundary	Deer Trail Ditch Headgate	Bowie
4	Terror Creek	North Fork Gunnison	Delta	1.55	confl. East & West Terror Creeks	Terror Ditch Headgate	Bowie
4	Terror Creek	North Fork Gunnison	Delta	1.71	Terror Ditch Headgate	Fire Mountain Canal	Bowie
4	Schaefer Creek	North Fork Gunnison	Gunnison	5.92	Headwaters	confl. Grouse Spring Creek	Anthracite Range, Marcellina Mtn., Paonia Reservoir, West Beckwith Mtn.
4	Kelso Creek	Lower Gunnison	Mesa	11.90	Headwaters	Red Squirrel Ditch Headgate	Kelso Point, Snipe Mountain
5	Timber Springs Gulch	Eagle	Eagle	1.90	Springs Complex	Groff Ditch Cottonwood Enlargement Headgate	Edwards, Wolcott
6	Brush Creek	Lower White	Garfield, Rio Blanco	5.31	Headwaters	confl. East Douglas Creek	Calf Canyon, Douglas Pass
6	East Douglas Creek (Increase)	Lower White	Garfield, Rio Blanco	1.56	confl. Bear Park Creek	confl. Brush Creek	Brushy Point
6	East Douglas Creek (Increase)	Lower White	Rio Blanco	14.22	confl. Brush Creek	confl. Cathedral Creek	Brushy Point, White Coyote Draw
6	Soldier Creek (Increase)	Lower White	Rio Blanco	3.67	confl. Right Fork & Middle Fork Soldier Creeks	confl. Cathedral Creek	Black Cabin Gulch, Razorback Ridge
6	Yellow Creek	Piceance-Yellow	Rio Blanco	3.55	confl. Barcus Creek	confl. Lambert Springs	Barcus Creek, Barcus Creek SE, Rough Gulch
6	Yellow Creek	Piceance-Yellow	Rio Blanco	3.58	confl. Lambert Springs	confl. White River	Rough Gulch
6	Armstrong Creek	Upper Yampa	Routt	0.10	Lower Terminus of ISF case # 06CW035	confl. Elkhead Creek	Quaker Mountain
6	Elkhead Creek	Upper Yampa	Routt	0.56	Lower Terminus of ISF Case # 06CW034	confl. Armstrong Creek	Bears Ears Peak, Quaker Mountain
6	Elkhead Creek	Upper Yampa	Routt	3.12	confl. Armstrong Creek	confl. First Creek	Quaker Mountain
6	Willow Creek (Increase)	Upper Yampa	Routt	4.65	outlet of Steamboat Lake	confl. Beaver Creek	Hahns Peak

6	Willow Creek (Increase)	Upper Yampa	Routt	1.32	confl. Beaver Creek	confl. Lester Creek	Hahns Peak
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Natural Lake Level Recommendations

Div	Lake	Watershed	County	Location (NAD 1983 Zone 13 North)	Quad Sheet(s)
1	Spottlewood Lake # 1	Cache La Poudre	Larimer	UTM North:4524450.31 UTM East: 500088.64	Carr SW
1	Spottlewood Lake # 2	Cache La Poudre	Larimer	UTM North:4524566.61 UTM East: 500021.07	Carr SW
1	Spottlewood Lake # 3	Cache La Poudre	Larimer	UTM North:4524806.62 UTM East: 500159.81	Carr SW
1	Spottlewood Lake # 4	Cache La Poudre	Larimer	UTM North:4524786.50 UTM East: 500226.24	Carr SW
1	Spottlewood Lake # 5	Cache La Poudre	Larimer	UTM North:4524912.38 UTM East: 500530.95	Carr West

STATE OF COLORADO

Colorado Water Conservation Board

Department of Natural Resources

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TO: Colorado Water Conservation Board Members

John W. Hickenlooper
Governor

FROM: Jeff Baessler
Stream and Lake Protection Section

Mike King
DNR Executive Director

DATE: March 1, 2014

James Eklund
CWCB Director

SUBJECT: **Agenda Item 21, March 18-19, 2014, Board Meeting**
Stream and Lake Protection Section – Instream Flow Appropriation
Recommendations for January 2015

Introduction and Staff Recommendation

Pursuant to Rule 5c. of the Rules Concerning the Colorado Instream Flow and Natural Lake Level Program ("ISF Rules"), Staff is providing notice that the following 43 stream segments have been recommended for instream flow ("ISF") appropriations in 2015. At the January 2015 CWCB meeting, Staff may request that the Board form its intent to appropriate ISF water rights on these streams.

Please note that the list below includes 23 new recommendations (identified with an *) and 20 recommendations that were received in previous years. Staff has not yet moved the older recommendations forward due to the need for additional scientific data and/or ongoing attempts to address stakeholder issues. In 2015, Staff will recommend that the Board move forward on the recommendations for which Staff is able to reasonably address all outstanding issues. Staff is currently working with the recommending entities to prioritize this list of recommendations.

This is an informational item with no Board action required.

Division	Stream Name	County(ies)	Recommender(s)
1	Coal Creek (Boulder County Open Space Boundary to Louisville Wastewater Treatment outfall)	Boulder	City of Louisville & CPW
1	Coal Creek (Louisville Wastewater Treatment outfall to Lafayette pumping station #2)	Boulder	City of Louisville & CPW
1	North Clear Creek (Confl. Chase Gulch to Confl. Wastewater Treatment Plant)	Gilpin	CPW & CDPHE
1	North Clear Creek (Confl. Wastewater Treatment Plant to Confl. Clear Creek)	Gilpin	CPW & CDPHE
1	* Boxelder Creek	Larimer	CPW & Larimer

	<i>(Confl. South & North Boxelder Creeks to Confl. Slab Canyon Wash)</i>		County Open Lands
1	Graves Creek <i>(Colorado – Wyoming Border to South Line S27 T12N R68W)</i>	Larimer	City of Fort Collins & CPW
1	* Sand Creek <i>(Colorado – Wyoming Border to Confl. Boxelder Creek)</i>	Larimer	CPW & Larimer County Open Lands
1	* Sand Creek <i>(Headwaters to Inlet Mountain Supply Reservoir # 1)</i>	Larimer	CPW & Larimer County Open Lands
1	Spottewood Creek #1 <i>(NW S29 T12N R68W to Road at NW S33 T12N R68W)</i>	Larimer	City of Fort Collins & CPW
1	Spottewood Creek #2 <i>(NW S34 T11N R68W to SW S34 T11N R68W)</i>	Larimer	City of Fort Collins & CPW
1	Lone Tree Creek <i>(NW S29 T12N R67W to SE S31 T12N R67W)</i>	Weld	City of Fort Collins & CPW
2	Beaver Creek <i>(Confl. East & West Beaver Creeks to Confl. Patton Canyon)</i>	Fremont	CPW
2	West Beaver Creek <i>(Confl. Douglas Gulch to Confl. East Beaver Creek)</i>	Fremont, Teller	CPW
2	Baker Creek <i>(headwaters to USFS Boundary)</i>	Huerfano	CPW
2	Bonnett Creek <i>(headwaters to USFS Boundary)</i>	Huerfano	CPW
2	Apishapa River <i>(Headwaters to Confl. Herlick Canyon Creek)</i>	Las Animas	CPW
2	Arkansas River <i>(Outlet of Fish Hatchery to Confl. Fountain Creek)</i>	Pueblo	CPW & City of Pueblo
4	* Alkali Creek <i>(Headwaters to Lone Starr Ditch Headgate)</i>	Delta	BLM
4	* Hubbard Creek <i>(USFS Boundary to Deer Trail Ditch Headgate)</i>	Delta	BLM
4	* Terror Creek <i>(Confl. East & West Terror Creeks to Fawcett Ditch Headgate)</i>	Delta	BLM
4	* Little Cimarron River (ISF Increase) <i>(Headwaters to Butte Ditch Headgate)</i>	Gunnison, Hinsdale	CPW
4	* Little Cimarron River <i>(Butte Ditch Headgate to Confl. Cimarron River)</i>	Gunnison, Montrose	CPW
4	* Schaefer Creek <i>(Headwaters to Confl. Grouse Spring Creek)</i>	Gunnison	USFS
4	* Kelso Creek <i>(Headwaters to Confl. Escalante Creek)</i>	Mesa	USFS
5	* Timber Springs Gulch <i>(Springs Complex to Groff Ditch Headgate)</i>	Eagle	BLM
5	Dry Fork Roan Creek <i>(Confl. North Dry Fork Creek & South Dry Fork Creek to Confl. Roan Creek)</i>	Garfield	BLM
6	* Brush Creek <i>(Headwaters to Confl. East Douglas Creek)</i>	Garfield, Rio Blanco	BLM
6	* East Douglas Creek (ISF Increase) <i>(Confl. Bear Park Creek to Confl. Brush Creek)</i>	Garfield, Rio Blanco	BLM
6	* East Douglas Creek (ISF Increase) <i>(Confl. Brush Creek to Confl. Cathedral Creek)</i>	Rio Blanco	BLM
6	Picance Creek	Rio Blanco	BLM & CPW

	<i>(Confl. Dry Fork to Confl. White River)</i>		
6	* Soldier Creek (ISF Increase) <i>(Confl. Right Fork & Middle Fork Soldier Creeks to Confl. Cathedral Creek)</i>	Rio Blanco	BLM
6	Yellow Creek <i>(Confl. Barcus Creek to Lambert Springs)</i>	Rio Blanco	BLM
6	Yellow Creek <i>(Confl. Lambert Springs to Confl. White River)</i>	Rio Blanco	BLM
6	* Armstrong Creek <i>(Lower Terminus of ISF Case # 06CW035 to Confl. Elkhead Creek)</i>	Routt	CPW
6	* Big Canyon Creek <i>(Headwaters to Confl. Elkhead Creek)</i>	Routt	CPW
6	* Elkhead Creek <i>(Lower terminus of ISF Case # 06CW034 to the Confl. First Creek)</i>	Routt	CPW
6	* Hole-in-the-Wall Creek <i>(Headwaters to Confl. Elkhead Creek)</i>	Routt	CPW
6	* North Fork Elkhead Creek <i>(Headwaters to Confl. Sawmill Creek)</i>	Routt	CPW
6	* North Fork Elkhead Creek <i>(Confl. Sawmill Creek to Confl. Elkhead Creek)</i>	Routt	CPW
6	* Sawmill Creek <i>(Headwaters to Confl. North Fork Elkhead Creek)</i>	Routt	CPW
6	* Stukey Creek <i>(Headwaters to Confl. Elkhead Creek)</i>	Routt	CPW
6	Willow Creek (ISF Increase) <i>(Outlet of Steamboat Lake to Confl. Beaver Creek)</i>	Routt	BLM
6	Willow Creek (ISF Increase) <i>(Confl. Beaver Creek to Confl. Lester Creek)</i>	Routt	BLM

CPW (Colorado Parks and Wildlife), BLM (Bureau of Land Management), CDPHE (Colorado Department of Public Health and Environment), USFS (United States Forest Service)

The detailed recommendations and appendices for these streams will be posted on the CWCB website at:

<http://cwcb.state.co.us/environment/instream-flow-program/Pages/2015ProposedISFAappropriations.aspx>



Colorado Water Conservation Board Department of Natural Resources

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Pursuant to ISF Rule 5c of the Rules Concerning the Colorado Instream Flow and Natural Lake Level Program, this notice identifies the streams to be considered for instream flow appropriations in 2015. At the January 2015 meeting of the Colorado Water Conservation Board (CWCB), staff may request that the Board form its intent to appropriate instream flow water rights for the streams listed on the attached Instream Flow Appropriation List. The attached list contains a description of the Instream Flow (ISF) Recommendations including stream name, watershed, county, upper terminus, lower terminus, length, and USGS quad sheet name(s).

Please note that the attached list includes 23 new recommendations (identified with an*) that were received in January 2014 and 20 recommendations that were received in previous years. The older recommendations did not move forward in previous years due to the need for additional scientific data and/or ongoing attempts to address stakeholder issues.

Copies of the Instream Flow Recommendations and Appendices of data submitted into the Official CWCB Record are available for review by the public during regular business hours (8:00 a.m. - 5:00 p.m.) at the Colorado Water Conservation Board's Office, located at 1313 Sherman Street, Room 723, Denver, Colorado, 80203. In addition to the CWCB office, copies of the Instream Flow and Natural Lake Level Recommendations are available online at:

<http://cwcb.state.co.us/environment/instream-flow-program/Pages/2015ProposedISFAappropriations.aspx>

In addition to the above Instream Flow Recommendations and Appendices, staff may rely on any additional data, exhibits, testimony, or other information submitted by any party as part of the Official CWCB Record to support its Instream Flow Recommendations.

It should also be noted that, pursuant to the [ISF Rules](#):

5d. (3)

(a) The Board may change flow amounts of contested ISF appropriations based on information received during the public notice and comment period.

(b) Staff will maintain, pursuant to Rule 5e.(3), an ISF Subscription Mailing List for each water division composed of the names of all persons who have sent notice to the Board Office that they wish to be included on such list for a particular water division. Any person desiring to be on the ISF Subscription Mailing List(s) must send notice to the Board Office.

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(e) Staff will announce its Final Staff ISF Recommendation concerning contested appropriations at the September 2015 Board meeting and will send notice of the Final Staff Recommendation to all persons on the Contested Hearing Mailing List.

(f) The Board may take final action on any uncontested ISF appropriations at the May 2015 Board meeting.

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Div	Stream	Watershed	County	Length (miles)	Upper Terminus	Lower Terminus	Quad Sheet(s)
1	Coal Creek	St. Vrain	Boulder	6.10	Boulder County Open Space Boundary	Louisville Wastewater Treatment Outfall	Louisville, Lafayette
1	Coal Creek	St. Vrain	Boulder	1.70	Louisville Wastewater Treatment Outfall	Pumping station #2	Louisville, Lafayette
1	North Clear Creek	Clear	Gilpin	5.95	confl. Chase Gulch	Wastewater Treatment Plant	Black Hawk
1	North Clear Creek	Clear	Gilpin	1.73	Wastewater Treatment Plant	confl. Clear Creek	Black Hawk, Squaw Pass
1	*Boxelder Creek	Cache la Poudre	Larimer	11.0	confl. South & North Boxelder Creeks	confl. Slab Canyon Wash	Livermore, Table Mountain
1	Graves Creek	Lone Tree - Owl	Larimer	2.68	Colorado-Wyoming border	South Line S27 T12N R68W	Carr West, Round Butte
1	*Sand Creek	Cache la Poudre	Larimer	10.25	Colorado-Wyoming border	confl. Boxelder Creek	Table Mountain
1	*Sand Creek	Cache la Poudre	Larimer	9.43	Headwaters	Inlet Mountain Supply	Round Butte

						Reservoir No. 1	
1	Spottlewood Creek #1	Cache La Poudre	Larimer	2.03	NW S29 T12N R68W	NW S33 T12N R68W	Round Butte
1	Spottlewood Creek #2	Cache La Poudre	Larimer	1.61	NW S34 T11N R68W	SW S34 T11N R68W	Carr SW, Carr West
1	Lone Tree Creek	Lone Tree - Owl	Weld	2.88	NW S29 T12N R67W	SE S31 T12N R67W	Carr West
2	Beaver Creek	Upper Arkansas	Freemont	8.90	confl. East Beaver Creek	confl. unnamed tributary	Phantom Canyon, Mount Pittsburg
2	West Beaver Creek	Upper Arkansas	Freemont, Teller	7.50	confl. Douglas Gulch	confl. East Beaver Creek	Big Bull Mtn, Phantom Canyon
2	Baker Creek	Huerfano	Huerfano	2.14	Headwaters	USFS Boundary	Trinchera, Trinchera Peak
2	Bonnett Creek	Huerfano	Huerfano	3.30	Headwaters	USFS Boundary	Big Bull Mountain, Phantom Canyon
2	Arkansas River	Upper Arkansas	Pueblo	9.13	outlet of Fish Hatchery	confl. Fountain Creek	North West Pueblo
2	Apishapa River	Apishapa	Las Animas	4.50	Headwaters	confl. Herick Canyon Creek	Cucharas Pass, Herlick Canyon
4	*Alkali Creek	Lower Gunnison	Delta	7.83	Headwaters	Lone Star Ditch Headgate	Indian Point, Point Creek
4	*Hubbard Creek	North Fork Gunnison	Delta	1.88	USFS Boundary	Deer Trail Ditch Headgate	Bowie
4	*Terror Creek	North Fork Gunnison	Delta	3.26	confl. East & West Terror Creeks	Fawcett Ditch Headgate	Bowie
4	*Little Cimarron River (Increase)	Upper Gunnison	Gunnison, Hinsdale	17.9	Headwaters	Butte Ditch Headgate	Lost Lake, Sheep Mountain, Uncompahgre Peak
4	*Little Cimarron River	Upper Gunnison	Gunnison, Montrose	6.56	Butte Ditch Headgate	confl. Cimarron River	Cimarron, Curecanti Needle, Lost Lake
4	*Schaefer Creek	North Fork Gunnison	Gunnison	5.92	Headwaters	confl. Grouse Spring Creek	Anthracite Range, Marcellina Mtn., Paonia Reservoir, West Beckwith Mtn.
4	*Kelso Creek	Lower Gunnison	Mesa	15.43	Headwaters	confl. Escalante Creek	Kelso Point, Snipe Mountain
5	*Timber Springs Gulch	Eagle	Eagle	1.90	Springs Complex	Groff Ditch Headgate	Edwards, Wolcott
5	Dry Fork Roan Creek	Parachute-Roan	Garfield	7.61	confl. South Dry Fork and North Fork Dry Fork Creeks	confl. Roan Creek	Long Point, Wagon Track Ridge
6	*Brush Creek	Lower White	Garfield, Rio Blanco	5.31	Headwaters	confl. East Douglas Creek	Calf Canyon, Douglas Pass
6	*East Douglas Creek (Increase)	Lower White	Garfield, Rio Blanco	1.56	confl. Bear Park Creek	confl. Brush Creek	Brushy Point
6	*East Douglas Creek (Increase)	Lower White	Rio Blanco	14.22	confl. Brush Creek	confl. Cathedral Creek	Brushy Point, White Coyote Draw
6	Piceance Creek	Piceance-Yellow	Rio Blanco	7.70	confl. Dry Fork Creek	confl. White River	Barcus Creek SE, White River City
6	*Soldier Creek	Lower White	Rio Blanco	3.67	confl. Right Fork & Middle Fork Soldier Creeks	confl. Cathedral Creek	Black Cabin Gulch, Razorback Ridge
6	Yellow Creek	Piceance-Yellow	Rio Blanco	4.74	Springs in NWNE S12, T1N R98W, 6PM	confl. Barcus Creek	Barcus Creek SE

6	Yellow Creek	Piceance-Yellow	Rio Blanco	7.11	confl. Barcus Creek	confl. White River	Barcus Creek, Barcus Creek SE, Rough Gulch
6	*Armstrong Creek	Upper Yampa	Routt	0.10	Lower Terminus of ISF case # 06CW035	confl. Elkhead Creek	Quaker Mountain
6	*Big Canyon Creek	Upper Yampa	Routt	4.36	Headwaters	confl. Elkhead Creek	Quaker Mountain
6	*Elkhead Creek	Upper Yampa	Routt	3.68	Lower Terminus of ISF Case # 06CW034	confl. First Creek	Bears Ears Peak, Quaker Mountain
6	*Hole-in-the-Wall Creek	Upper Yampa	Routt	4.01	Headwaters	confl. Elkhead Creek	Bears Ears Peak, Quaker Mountain
6	*North Fork Elkhead Creek	Upper Yampa	Routt	3.22	Headwaters	confl. Sawmill Creek	Bears Ears Peaks, Buck Point, Slide Mountain
6	*North Fork Elkhead Creek	Upper Yampa	Routt	6.17	confl. Sawmill Creek	confl. Elkhead Creek	Slide Mountain
6	*Sawmill Creek	Upper Yampa	Routt	3.44	Headwaters	confl. North Fork Elkhead Creek	Buck Point, Slide Mountain
6	*Stuckey Creek	Upper Yampa	Routt	4.10	Headwaters	confl. Elkhead Creek	Bears Ears Peaks, Quaker Mountain
6	Willow Creek (Increase)	Upper Yampa	Routt	4.65	outlet of Steamboat Lake	confl. Beaver Creek	Hahns Peak
6	Willow Creek (Increase)	Upper Yampa	Routt	1.32	confl. Beaver Creek	confl. Lester Creek	Hahns Peak