

2016 ANNUAL REPORT
BY THE DEPARTMENT OF NATURAL RESOURCES
OF 2015 DATA TO MEET THE REQUIREMENTS OF THE INTEGRATED
MANAGEMENT PLAN FOR THOSE PORTIONS OF THE TRI-BASIN NATURAL
RESOURCES DISTRICT LOCATED WITHIN THE REPUBLICAN RIVER BASIN

I. INTRODUCTION

This report is intended to satisfy the Department of Natural Resources (Department or NeDNR) tracking and reporting requirements as described in the Monitoring and Studies Section of the integrated management plan (IMP) for those portions of the Tri-Basin Natural Resources District (TBNRD or District) located within the Republican River Basin. This is the fourth annual report to be filed following the adoption of the IMP in June 2012. The IMP requires that the Department track and report on the following items on an annual basis: a) any surface water permits issued; b) any dam safety permits issued; c) any groundwater transfer permits issued; d) reports of water diverted and when available, water stored by surface water users; and e) the associated offsets for any new permits issued. This report covers activities which occurred from January 1, 2015, to December 31, 2015. Data from streamgages within the District are also to be provided with this report along with calculations of streamflow depletions using the Republican River Compact Administration (RRCA) model.

The information contained in this report will assist in measuring the success of the IMP in meeting its goals and objectives.

II. ACTIVITIES TO BE REPORTED ANNUALLY

A. Summary

Items reported annually include permits that are issued by the Department and the amount of water diverted by surface water users. When an application for a surface water or groundwater permit is reviewed, the Department assesses the potential for the permitted action to increase, decrease, or not affect existing water users. Existing surface water users have the right to divert water in accordance with their permit. The Department field office uses water use reports to verify that surface water users are following the conditions of their permits. During calendar year 2015, the Department issued six new permits in the Republican River Basin portion of the TBNRD, and no water was reported as having been diverted from natural flow for irrigation purposes. Details on new surface water permits are found in Table 1.

B. Surface water permits

There were six new surface water permits issued for the Republican River Basin portion of the TBNRD during the reporting period. All six are appropriations to store water in existing reservoirs as shown on Table 1.

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Table 1. Surface water permits approved in 2015, located within the Republican River Basin portion of TBNRD

SURFACE WATER APPLICATION APPROVED CALENDAR YEAR 2015											
Appropriation Number	Approval Date	S-T-R	Source	Use	Grant in CFS	Grant in AF	Surface Acres	Year Built	Mitigation	Associated Variance	
A-19270 ¹	2/12/2015	13-5-21W	Tributary to Republican River	Store Water in Above Ground Reservoir	N/A	34.9	9.4	1979	Variance granted pursuant to 457 <i>Neb. Admin. Code</i> Ch. 23 § 001.04	VAR-4679	
A-19326	2/13/2015	17-5-21W	Tributary to Swartz Creek	Store Water in Above Ground Reservoir	N/A	19.0	5.9	1940	Variance granted pursuant to 457 <i>Neb. Admin. Code</i> Ch. 23 § 001.04	VAR-4695	
A-19351	3/13/2015	30-12-26W	Tributary to Turkey Creek	Store Water in Above Ground Reservoir	N/A	21.6	4.1	1965	Variance granted pursuant to 457 <i>Neb. Admin. Code</i> Ch. 23 § 001.04	VAR-4729	
A-19352 ¹	5/27/2015	31-7-21W	East Branch of Turkey Creek	Store Water in Above Ground Reservoir	N/A	31.1	8.8	1950	Variance granted pursuant to 457 <i>Neb. Admin. Code</i> Ch. 23 § 001.04	VAR-4653	
A-19358 ¹	7/27/2015	8-5-22W	Tributary to Dry Creek	Store Water in Above Ground Reservoir	N/A	46.8	8.7	1950	Variance granted pursuant to 457 <i>Neb. Admin. Code</i> Ch. 23 § 001.04	VAR-4751	
A-19378	7/23/2015	30-5-19W	Tributary to Deep Creek	Store Water in Above Ground Reservoir	N/A	27.0	5.6	1963	Variance granted pursuant to 457 <i>Neb. Admin. Code</i> Ch. 23 § 001.04	VAR-4787	

¹These appropriations also have new Dam Safety Permits (Table 2).

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C. Dam Safety Permits

Three dam safety permits were issued for the Republican River Basin portion of the TBNRD during the reporting period and are shown in Table 2. Because each of these three facilities were also issued a new surface water permit, they are also listed in Table 1.

Table 2. 2015 Dam Safety permits in the Republican River Basin Portion of TBNRD

Dam ID	NIDID	Plan Number	County	Order Date	SW Appropriation
9133	NE09133	P-18991	Gosper	02/13/2015	A-19270
4058	NE04058	P-19246	Gosper	6/26/2015	A-19352
4056	NE04056	P-19267	Gosper	7/27/2015	A-19358

D. Groundwater Transfer Permits

There were no groundwater transfer permits involving the Department in the Republican River Basin portion of the TBNRD during the reporting period.

E. Water Diverted by Surface Water Users

In 2015, no water was reported as having been diverted from natural flow for irrigation purposes. Water administration, lack of water, or using groundwater instead of surface water were reasons cited for not irrigating with surface water rights in 2015.

Evaporation from small reservoirs (capacity to store 15 to 200 AF) is estimated on an annual basis to comply with the RRCA. The total estimated net evaporation for small reservoirs in the Republican River Basin portion of the TBNRD for 2015 was 120 AF. Net evaporation is calculated by multiplying the presumptive average annual surface area of each small reservoir by the net evaporation measured at the nearest United States Bureau of Reclamation reservoir climate and evaporation station. The presumptive average annual surface area of each small reservoir is 25% of the area at the principal spillway elevation. The presumptive average surface area values may change from year to year based on evaluations by the Dam Safety section of the Department.

F. Associated Depletion Offsets

No offsets were necessary in 2015.

G. Estimated Depletions

There is no information to include on estimated depletions from permitted new or expanded water use or accretions from associated offsets for 2015.

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III. STREAMGAGE DATA

The data for stream gages located on Muddy Creek at the Furnas-Gosper County line, Muddy Creek at Arapahoe, Turkey Creek at the Furnas-Gosper County line, and Turkey Creek at Edison from October 1, 2013, through August 9, 2016, can be found in Appendix 1. Please note the data from October 1, 2015, through August 9, 2016, are considered provisional and may be subject to change upon further review.

IV. STREAMFLOW DEPLETION CALCULATIONS

This section of the report includes information on the calculated depletions to streamflow due to groundwater pumping within the TBNRD and the imported water credit. The data shown on the table and figure below were calculated using the August 2015 RRCA accounting method approved by the U.S. Supreme Court. These calculations were completed using historical TBNRD pumping data, groundwater mound, and recharge data as inputs to the RRCA groundwater model. Net effect to baseflow for each calendar year was calculated by totaling the imported water credit (mound accretions) and the streamflow depletion at the southern boundary of the TBNRD. The net effects are summarized into a rolling three-year average to assess the progress towards achieving and sustaining a hydrologically balanced condition in accordance with the IMP. In accordance with the IMP, these data will be used to assess the TBNRD’s progress to meet Goal A, Objective 1, of the IMP.

Table 3. Calendar years 2012 to 2015 modeled streamflow depletion, mound accretion, and net effect to baseflow in acre-feet and previous three-year average net effect to baseflow for 2014 and 2015. A negative value represents depletion, and a positive value represents accretion.

Year	Streamflow Depletion (AF)	Mound Accretion (AF)	Net Effect (AF)	3-year Average Net Effect (AF)
2012	-8,783	10,672	1,889	--
2013	-9,173	9,478	305	--
2014	-9,597	9,424	-173	674
2015	-9,653	9,830	177	103

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Figure 1 displays:

- 1) Modeled annual values of streamflow depletion and mound accretions for calendar years 1981 through 2015 and
- 2) Projected trendline values for 1981 through 2024.

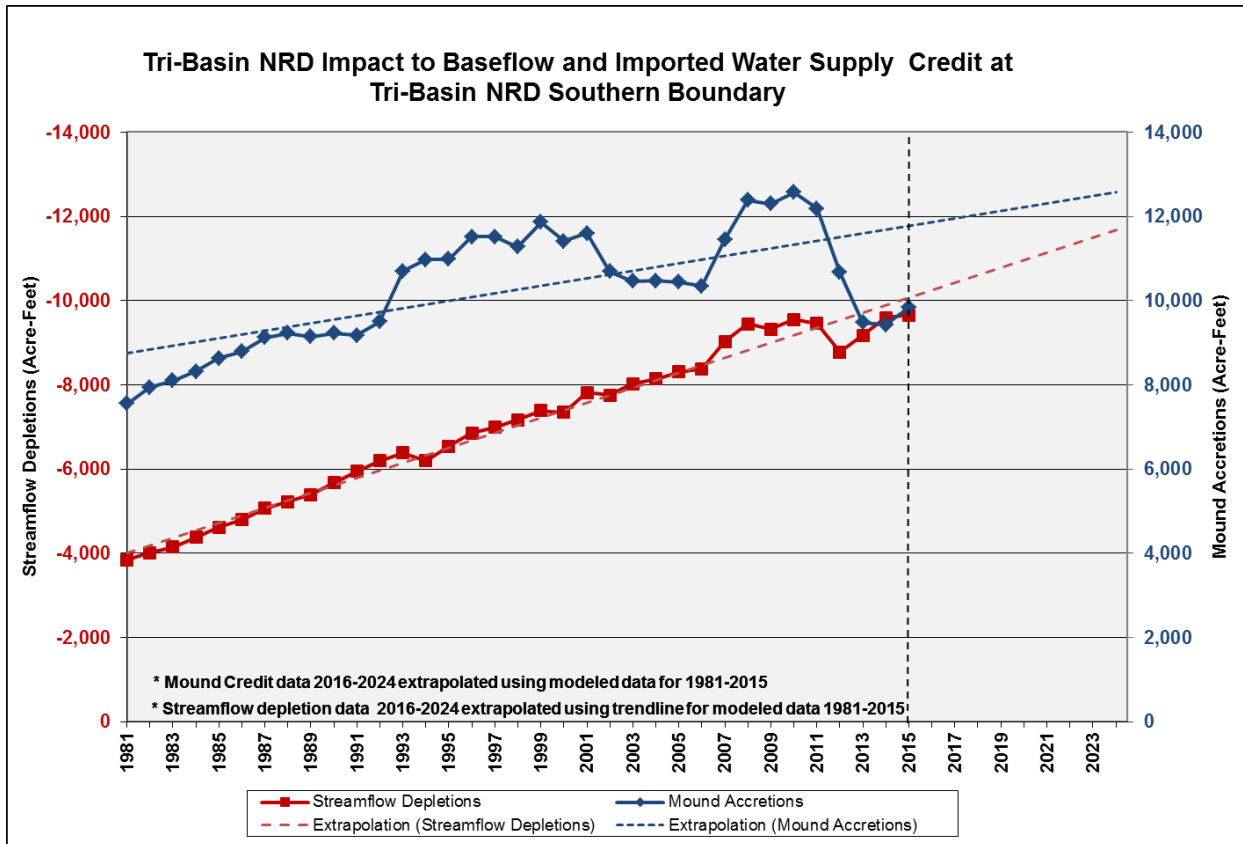


Figure 1: Annual streamflow depletions and mound accretion with trendlines. The data in this figure were calculated using the August 2015 RRCA accounting procedures. In order to show both streamflow depletions and mound accretions for comparison in one chart, the negative values on the left vertical axis pertain to the red line, representing stream depletion values, and positive values on the right vertical axis pertain to the blue line, representing mound accretions.

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Figure 2 displays:

- 1) Three-year average net effect, as total of modeled values of streamflow depletion and mound accretions, for calendar years 1981 through 2015 using the August 2015 RRCA Accounting Procedures and
- 2) Projected trendline values for the rolling three-year average of 1981 through 2015.

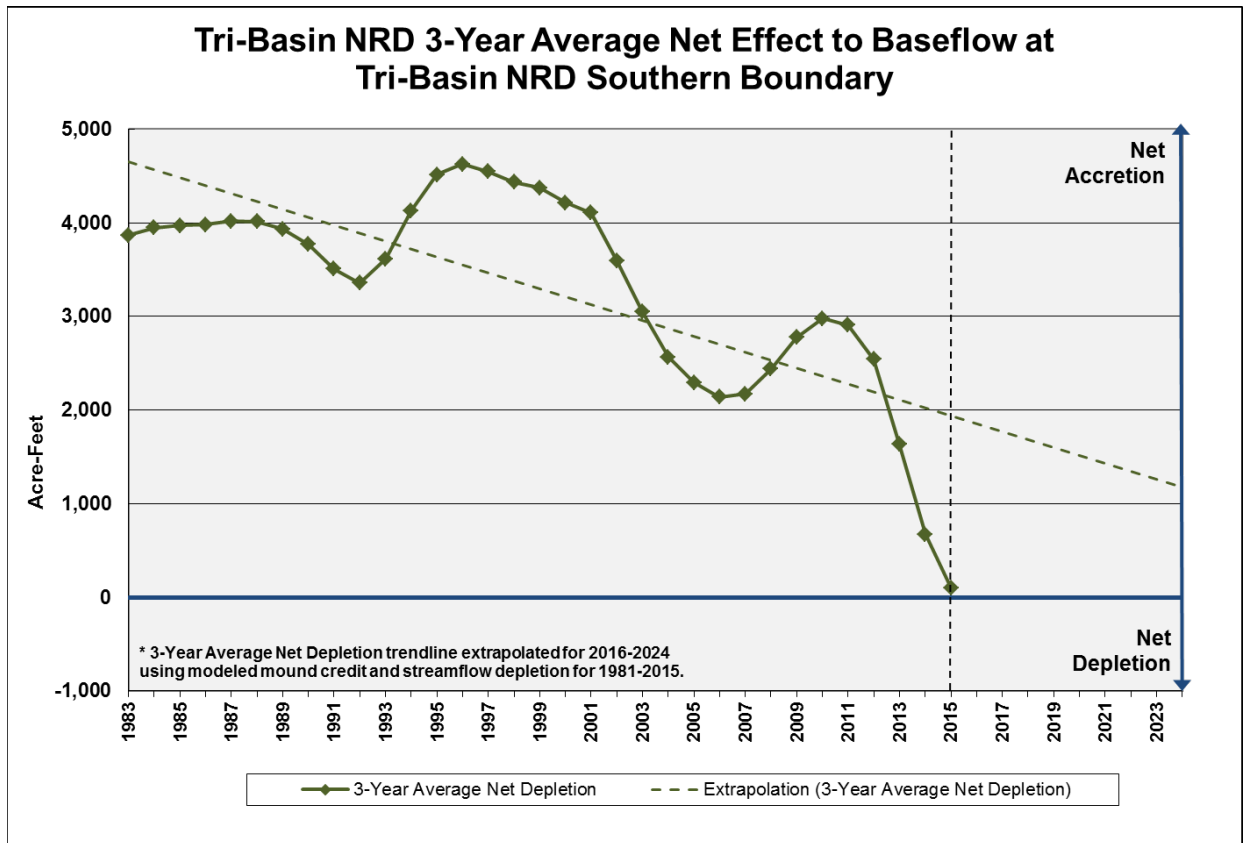


Figure 2: Rolling three-year average net effect to baseflow with trendline.

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
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Muddy Creek at Gosper County Line	
224600	
Date	cfs
10/1/2013	1
10/2/2013	1
10/3/2013	1
10/4/2013	1
10/5/2013	2
10/6/2013	2
10/7/2013	2
10/8/2013	2
10/9/2013	2
10/10/2013	2
10/11/2013	2
10/12/2013	2
10/13/2013	2
10/14/2013	9
10/15/2013	13
10/16/2013	2
10/17/2013	2
10/18/2013	2
10/19/2013	2
10/20/2013	2
10/21/2013	2
10/22/2013	2
10/23/2013	2
10/24/2013	2
10/25/2013	2
10/26/2013	2
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10/30/2013	2
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11/3/2013	4
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11/5/2013	4
11/6/2013	3
11/7/2013	3
11/8/2013	3
11/9/2013	3
11/10/2013	3
11/11/2013	3
11/12/2013	3

Muddy Creek at Arapahoe	
6844000	
Date	cfs
10/1/2013	2
10/2/2013	2
10/3/2013	2
10/4/2013	2
10/5/2013	3
10/6/2013	2
10/7/2013	3
10/8/2013	2
10/9/2013	2
10/10/2013	3
10/11/2013	4
10/12/2013	4
10/13/2013	4
10/14/2013	18
10/15/2013	23
10/16/2013	6
10/17/2013	4
10/18/2013	4
10/19/2013	3
10/20/2013	4
10/21/2013	4
10/22/2013	4
10/23/2013	4
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10/31/2013	5
11/1/2013	4
11/2/2013	4
11/3/2013	4
11/4/2013	5
11/5/2013	5
11/6/2013	5
11/7/2013	4
11/8/2013	4
11/9/2013	4
11/10/2013	4
11/11/2013	5
11/12/2013	5

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
10/1/2013	6
10/2/2013	6
10/3/2013	7
10/4/2013	7
10/5/2013	7
10/6/2013	7
10/7/2013	7
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10/12/2013	8
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10/15/2013	30
10/16/2013	11
10/17/2013	8
10/18/2013	8
10/19/2013	9
10/20/2013	9
10/21/2013	9
10/22/2013	9
10/23/2013	9
10/24/2013	9
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11/5/2013	10
11/6/2013	12
11/7/2013	10
11/8/2013	10
11/9/2013	10
11/10/2013	10
11/11/2013	10
11/12/2013	10

Turkey Creek at Edison	
6844210	
Date	cfs
10/1/2013	7
10/2/2013	7
10/3/2013	6
10/4/2013	6
10/5/2013	6
10/6/2013	6
10/7/2013	6
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11/7/2013	12
11/8/2013	11
11/9/2013	10
11/10/2013	10
11/11/2013	10
11/12/2013	10

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Muddy Creek at Gosper County Line	
224600	
Date	cfs
11/13/2013	3
11/14/2013	3
11/15/2013	3
11/16/2013	3
11/17/2013	3
11/18/2013	3
11/19/2013	3
11/20/2013	3
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12/17/2013	4
12/18/2013	4
12/19/2013	4
12/20/2013	4
12/21/2013	4
12/22/2013	3
12/23/2013	3
12/24/2013	3

Muddy Creek at Arapahoe	
6844000	
Date	cfs
11/13/2013	5
11/14/2013	4
11/15/2013	5
11/16/2013	4
11/17/2013	3
11/18/2013	4
11/19/2013	5
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12/3/2013	4
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12/5/2013	4
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12/9/2013	4
12/10/2013	4
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12/12/2013	4
12/13/2013	4
12/14/2013	5
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12/17/2013	5
12/18/2013	5
12/19/2013	4
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12/21/2013	4
12/22/2013	4
12/23/2013	4
12/24/2013	4

Turkey Creek at Furnas- Gosper County Line	
231700	
Date	cfs
11/13/2013	10
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11/16/2013	10
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12/21/2013	9
12/22/2013	8
12/23/2013	8
12/24/2013	8

Turkey Creek at Edison	
6844210	
Date	cfs
11/13/2013	10
11/14/2013	10
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11/16/2013	11
11/17/2013	10
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12/22/2013	6
12/23/2013	8
12/24/2013	8

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Muddy Creek at Gosper County Line	
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Date	cfs
12/25/2013	3
12/26/2013	3
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2/3/2014	3
2/4/2014	3

Muddy Creek at Arapahoe	
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12/28/2013	4
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2/3/2014	4
2/4/2014	4

Turkey Creek at Furnas-Gosper County Line	
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2/4/2014	12

Turkey Creek at Edison	
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1/26/2014	12
1/27/2014	11
1/28/2014	8
1/29/2014	9
1/30/2014	12
1/31/2014	9
2/1/2014	8
2/2/2014	6
2/3/2014	5
2/4/2014	5

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Muddy Creek at Gosper County Line	
224600	
Date	cfs
2/5/2014	3
2/6/2014	3
2/7/2014	3
2/8/2014	3
2/9/2014	3
2/10/2014	3
2/11/2014	3
2/12/2014	3
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2/15/2014	4
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3/16/2014	4
3/17/2014	4
3/18/2014	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
2/5/2014	4
2/6/2014	4
2/7/2014	4
2/8/2014	4
2/9/2014	4
2/10/2014	4
2/11/2014	4
2/12/2014	5
2/13/2014	5
2/14/2014	5
2/15/2014	5
2/16/2014	5
2/17/2014	5
2/18/2014	5
2/19/2014	5
2/20/2014	5
2/21/2014	5
2/22/2014	5
2/23/2014	5
2/24/2014	5
2/25/2014	4
2/26/2014	4
2/27/2014	4
2/28/2014	4
3/1/2014	4
3/2/2014	4
3/3/2014	4
3/4/2014	4
3/5/2014	4
3/6/2014	4
3/7/2014	4
3/8/2014	4
3/9/2014	4
3/10/2014	4
3/11/2014	5
3/12/2014	5
3/13/2014	5
3/14/2014	5
3/15/2014	5
3/16/2014	5
3/17/2014	5
3/18/2014	6

Turkey Creek at Furnas- Gosper County Line	
231700	
Date	cfs
2/5/2014	13
2/6/2014	11
2/7/2014	10
2/8/2014	13
2/9/2014	13
2/10/2014	12
2/11/2014	11
2/12/2014	11
2/13/2014	12
2/14/2014	11
2/15/2014	13
2/16/2014	13
2/17/2014	13
2/18/2014	13
2/19/2014	13
2/20/2014	13
2/21/2014	13
2/22/2014	14
2/23/2014	14
2/24/2014	13
2/25/2014	13
2/26/2014	10
2/27/2014	12
2/28/2014	13
3/1/2014	14
3/2/2014	12
3/3/2014	12
3/4/2014	13
3/5/2014	14
3/6/2014	13
3/7/2014	13
3/8/2014	13
3/9/2014	13
3/10/2014	13
3/11/2014	14
3/12/2014	13
3/13/2014	13
3/14/2014	13
3/15/2014	13
3/16/2014	13
3/17/2014	13
3/18/2014	14

Turkey Creek at Edison	
6844210	
Date	cfs
2/5/2014	5
2/6/2014	5
2/7/2014	6
2/8/2014	7
2/9/2014	9
2/10/2014	8
2/11/2014	6
2/12/2014	7
2/13/2014	9
2/14/2014	10
2/15/2014	11
2/16/2014	14
2/17/2014	17
2/18/2014	20
2/19/2014	19
2/20/2014	17
2/21/2014	13
2/22/2014	13
2/23/2014	9
2/24/2014	7
2/25/2014	6
2/26/2014	6
2/27/2014	5
2/28/2014	5
3/1/2014	5
3/2/2014	6
3/3/2014	6
3/4/2014	8
3/5/2014	11
3/6/2014	10
3/7/2014	13
3/8/2014	11
3/9/2014	13
3/10/2014	18
3/11/2014	16
3/12/2014	14
3/13/2014	17
3/14/2014	18
3/15/2014	17
3/16/2014	17
3/17/2014	17
3/18/2014	17

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
3/19/2014	4
3/20/2014	4
3/21/2014	4
3/22/2014	4
3/23/2014	5
3/24/2014	4
3/25/2014	4
3/26/2014	4
3/27/2014	4
3/28/2014	4
3/29/2014	4
3/30/2014	4
3/31/2014	4
4/1/2014	4
4/2/2014	4
4/3/2014	4
4/4/2014	4
4/5/2014	4
4/6/2014	5
4/7/2014	5
4/8/2014	5
4/9/2014	5
4/10/2014	5
4/11/2014	4
4/12/2014	4
4/13/2014	5
4/14/2014	5
4/15/2014	5
4/16/2014	5
4/17/2014	5
4/18/2014	5
4/19/2014	5
4/20/2014	5
4/21/2014	5
4/22/2014	5
4/23/2014	5
4/24/2014	4
4/25/2014	4
4/26/2014	4
4/27/2014	4
4/28/2014	4
4/29/2014	5

Muddy Creek at Arapahoe	
6844000	
Date	cfs
3/19/2014	6
3/20/2014	6
3/21/2014	5
3/22/2014	5
3/23/2014	5
3/24/2014	5
3/25/2014	5
3/26/2014	5
3/27/2014	5
3/28/2014	5
3/29/2014	5
3/30/2014	5
3/31/2014	5
4/1/2014	5
4/2/2014	5
4/3/2014	5
4/4/2014	5
4/5/2014	5
4/6/2014	5
4/7/2014	6
4/8/2014	6
4/9/2014	5
4/10/2014	5
4/11/2014	5
4/12/2014	6
4/13/2014	7
4/14/2014	7
4/15/2014	7
4/16/2014	6
4/17/2014	6
4/18/2014	6
4/19/2014	6
4/20/2014	6
4/21/2014	6
4/22/2014	6
4/23/2014	5
4/24/2014	5
4/25/2014	5
4/26/2014	5
4/27/2014	5
4/28/2014	5
4/29/2014	5

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
3/19/2014	14
3/20/2014	14
3/21/2014	14
3/22/2014	13
3/23/2014	13
3/24/2014	14
3/25/2014	14
3/26/2014	14
3/27/2014	14
3/28/2014	14
3/29/2014	14
3/30/2014	14
3/31/2014	14
4/1/2014	14
4/2/2014	14
4/3/2014	14
4/4/2014	15
4/5/2014	14
4/6/2014	15
4/7/2014	16
4/8/2014	15
4/9/2014	15
4/10/2014	15
4/11/2014	14
4/12/2014	15
4/13/2014	15
4/14/2014	18
4/15/2014	17
4/16/2014	17
4/17/2014	16
4/18/2014	15
4/19/2014	15
4/20/2014	15
4/21/2014	15
4/22/2014	14
4/23/2014	15
4/24/2014	15
4/25/2014	14
4/26/2014	15
4/27/2014	15
4/28/2014	15
4/29/2014	15

Turkey Creek at Edison	
6844210	
Date	cfs
3/19/2014	17
3/20/2014	16
3/21/2014	16
3/22/2014	16
3/23/2014	15
3/24/2014	15
3/25/2014	16
3/26/2014	15
3/27/2014	15
3/28/2014	16
3/29/2014	15
3/30/2014	14
3/31/2014	14
4/1/2014	14
4/2/2014	14
4/3/2014	14
4/4/2014	15
4/5/2014	15
4/6/2014	14
4/7/2014	15
4/8/2014	14
4/9/2014	14
4/10/2014	14
4/11/2014	14
4/12/2014	14
4/13/2014	14
4/14/2014	16
4/15/2014	16
4/16/2014	15
4/17/2014	15
4/18/2014	14
4/19/2014	14
4/20/2014	14
4/21/2014	14
4/22/2014	14
4/23/2014	13
4/24/2014	14
4/25/2014	13
4/26/2014	13
4/27/2014	13
4/28/2014	14
4/29/2014	14

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
4/30/2014	5
5/1/2014	5
5/2/2014	4
5/3/2014	4
5/4/2014	4
5/5/2014	4
5/6/2014	4
5/7/2014	4
5/8/2014	4
5/9/2014	4
5/10/2014	4
5/11/2014	4
5/12/2014	4
5/13/2014	4
5/14/2014	4
5/15/2014	4
5/16/2014	4
5/17/2014	4
5/18/2014	5
5/19/2014	5
5/20/2014	4
5/21/2014	4
5/22/2014	5
5/23/2014	6
5/24/2014	6
5/25/2014	6
5/26/2014	5
5/27/2014	5
5/28/2014	5
5/29/2014	4
5/30/2014	4
5/31/2014	4
6/1/2014	5
6/2/2014	7
6/3/2014	5
6/4/2014	4
6/5/2014	4
6/6/2014	4
6/7/2014	7
6/8/2014	5
6/9/2014	10
6/10/2014	7

Muddy Creek at Arapahoe	
6844000	
Date	cfs
4/30/2014	5
5/1/2014	5
5/2/2014	5
5/3/2014	5
5/4/2014	4
5/5/2014	5
5/6/2014	4
5/7/2014	4
5/8/2014	4
5/9/2014	5
5/10/2014	4
5/11/2014	4
5/12/2014	4
5/13/2014	4
5/14/2014	4
5/15/2014	4
5/16/2014	4
5/17/2014	4
5/18/2014	4
5/19/2014	4
5/20/2014	4
5/21/2014	4
5/22/2014	5
5/23/2014	5
5/24/2014	5
5/25/2014	4
5/26/2014	4
5/27/2014	5
5/28/2014	5
5/29/2014	4
5/30/2014	4
5/31/2014	3
6/1/2014	3
6/2/2014	6
6/3/2014	5
6/4/2014	4
6/5/2014	3
6/6/2014	2
6/7/2014	6
6/8/2014	5
6/9/2014	6
6/10/2014	9

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
4/30/2014	14
5/1/2014	14
5/2/2014	14
5/3/2014	14
5/4/2014	14
5/5/2014	14
5/6/2014	13
5/7/2014	14
5/8/2014	13
5/9/2014	13
5/10/2014	13
5/11/2014	13
5/12/2014	13
5/13/2014	13
5/14/2014	13
5/15/2014	13
5/16/2014	13
5/17/2014	13
5/18/2014	13
5/19/2014	13
5/20/2014	13
5/21/2014	12
5/22/2014	12
5/23/2014	12
5/24/2014	13
5/25/2014	12
5/26/2014	12
5/27/2014	12
5/28/2014	12
5/29/2014	11
5/30/2014	11
5/31/2014	11
6/1/2014	12
6/2/2014	16
6/3/2014	13
6/4/2014	13
6/5/2014	13
6/6/2014	17
6/7/2014	26
6/8/2014	18
6/9/2014	18
6/10/2014	21

Turkey Creek at Edison	
6844210	
Date	cfs
4/30/2014	14
5/1/2014	13
5/2/2014	13
5/3/2014	13
5/4/2014	13
5/5/2014	13
5/6/2014	13
5/7/2014	13
5/8/2014	13
5/9/2014	13
5/10/2014	13
5/11/2014	14
5/12/2014	14
5/13/2014	14
5/14/2014	13
5/15/2014	14
5/16/2014	14
5/17/2014	14
5/18/2014	14
5/19/2014	14
5/20/2014	14
5/21/2014	14
5/22/2014	14
5/23/2014	14
5/24/2014	15
5/25/2014	15
5/26/2014	14
5/27/2014	14
5/28/2014	14
5/29/2014	13
5/30/2014	13
5/31/2014	13
6/1/2014	15
6/2/2014	16
6/3/2014	16
6/4/2014	13
6/5/2014	14
6/6/2014	15
6/7/2014	34
6/8/2014	21
6/9/2014	18
6/10/2014	21

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
6/11/2014	6
6/12/2014	5
6/13/2014	4
6/14/2014	4
6/15/2014	5
6/16/2014	6
6/17/2014	6
6/18/2014	5
6/19/2014	6
6/20/2014	5
6/21/2014	6
6/22/2014	126
6/23/2014	224
6/24/2014	106
6/25/2014	25
6/26/2014	11
6/27/2014	8
6/28/2014	9
6/29/2014	6
6/30/2014	5
7/1/2014	5
7/2/2014	4
7/3/2014	4
7/4/2014	4
7/5/2014	4
7/6/2014	4
7/7/2014	4
7/8/2014	3
7/9/2014	3
7/10/2014	11
7/11/2014	4
7/12/2014	3
7/13/2014	3
7/14/2014	3
7/15/2014	3
7/16/2014	3
7/17/2014	3
7/18/2014	3
7/19/2014	3
7/20/2014	3
7/21/2014	3
7/22/2014	3

Muddy Creek at Arapahoe	
6844000	
Date	cfs
6/11/2014	5
6/12/2014	4
6/13/2014	3
6/14/2014	4
6/15/2014	5
6/16/2014	6
6/17/2014	7
6/18/2014	4
6/19/2014	4
6/20/2014	6
6/21/2014	5
6/22/2014	53
6/23/2014	131
6/24/2014	169
6/25/2014	32
6/26/2014	15
6/27/2014	10
6/28/2014	14
6/29/2014	8
6/30/2014	6
7/1/2014	6
7/2/2014	5
7/3/2014	5
7/4/2014	5
7/5/2014	5
7/6/2014	5
7/7/2014	4
7/8/2014	4
7/9/2014	4
7/10/2014	8
7/11/2014	9
7/12/2014	4
7/13/2014	4
7/14/2014	4
7/15/2014	4
7/16/2014	4
7/17/2014	4
7/18/2014	5
7/19/2014	5
7/20/2014	5
7/21/2014	4
7/22/2014	4

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
6/11/2014	16
6/12/2014	14
6/13/2014	14
6/14/2014	14
6/15/2014	15
6/16/2014	15
6/17/2014	14
6/18/2014	13
6/19/2014	15
6/20/2014	14
6/21/2014	16
6/22/2014	208
6/23/2014	80
6/24/2014	35
6/25/2014	18
6/26/2014	16
6/27/2014	18
6/28/2014	26
6/29/2014	19
6/30/2014	16
7/1/2014	15
7/2/2014	14
7/3/2014	14
7/4/2014	14
7/5/2014	14
7/6/2014	14
7/7/2014	14
7/8/2014	13
7/9/2014	13
7/10/2014	57
7/11/2014	26
7/12/2014	12
7/13/2014	12
7/14/2014	12
7/15/2014	11
7/16/2014	11
7/17/2014	11
7/18/2014	11
7/19/2014	11
7/20/2014	10
7/21/2014	10
7/22/2014	10

Turkey Creek at Edison	
6844210	
Date	cfs
6/11/2014	17
6/12/2014	15
6/13/2014	14
6/14/2014	14
6/15/2014	33
6/16/2014	16
6/17/2014	16
6/18/2014	16
6/19/2014	17
6/20/2014	19
6/21/2014	17
6/22/2014	149
6/23/2014	151
6/24/2014	80
6/25/2014	26
6/26/2014	20
6/27/2014	24
6/28/2014	39
6/29/2014	29
6/30/2014	20
7/1/2014	18
7/2/2014	16
7/3/2014	15
7/4/2014	15
7/5/2014	15
7/6/2014	14
7/7/2014	13
7/8/2014	13
7/9/2014	12
7/10/2014	24
7/11/2014	65
7/12/2014	15
7/13/2014	12
7/14/2014	12
7/15/2014	11
7/16/2014	10
7/17/2014	10
7/18/2014	10
7/19/2014	11
7/20/2014	11
7/21/2014	10
7/22/2014	9

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
7/23/2014	4
7/24/2014	4
7/25/2014	3
7/26/2014	3
7/27/2014	3
7/28/2014	3
7/29/2014	3
7/30/2014	3
7/31/2014	3
8/1/2014	3
8/2/2014	2
8/3/2014	3
8/4/2014	2
8/5/2014	2
8/6/2014	2
8/7/2014	2
8/8/2014	2
8/9/2014	4
8/10/2014	6
8/11/2014	3
8/12/2014	2
8/13/2014	2
8/14/2014	2
8/15/2014	2
8/16/2014	2
8/17/2014	2
8/18/2014	2
8/19/2014	2
8/20/2014	2
8/21/2014	2
8/22/2014	2
8/23/2014	2
8/24/2014	2
8/25/2014	2
8/26/2014	2
8/27/2014	4
8/28/2014	82
8/29/2014	134
8/30/2014	10
8/31/2014	5
9/1/2014	4
9/2/2014	3

Muddy Creek at Arapahoe	
6844000	
Date	cfs
7/23/2014	5
7/24/2014	6
7/25/2014	6
7/26/2014	5
7/27/2014	5
7/28/2014	5
7/29/2014	5
7/30/2014	5
7/31/2014	5
8/1/2014	5
8/2/2014	5
8/3/2014	4
8/4/2014	4
8/5/2014	4
8/6/2014	4
8/7/2014	4
8/8/2014	4
8/9/2014	5
8/10/2014	11
8/11/2014	6
8/12/2014	4
8/13/2014	4
8/14/2014	4
8/15/2014	4
8/16/2014	4
8/17/2014	4
8/18/2014	4
8/19/2014	4
8/20/2014	4
8/21/2014	5
8/22/2014	5
8/23/2014	5
8/24/2014	5
8/25/2014	5
8/26/2014	6
8/27/2014	7
8/28/2014	17
8/29/2014	155
8/30/2014	27
8/31/2014	7
9/1/2014	5
9/2/2014	5

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
7/23/2014	16
7/24/2014	10
7/25/2014	9
7/26/2014	9
7/27/2014	9
7/28/2014	8
7/29/2014	8
7/30/2014	8
7/31/2014	8
8/1/2014	7
8/2/2014	7
8/3/2014	7
8/4/2014	7
8/5/2014	7
8/6/2014	8
8/7/2014	8
8/8/2014	7
8/9/2014	126
8/10/2014	78
8/11/2014	14
8/12/2014	10
8/13/2014	9
8/14/2014	8
8/15/2014	8
8/16/2014	8
8/17/2014	8
8/18/2014	7
8/19/2014	8
8/20/2014	7
8/21/2014	7
8/22/2014	7
8/23/2014	12
8/24/2014	9
8/25/2014	8
8/26/2014	8
8/27/2014	14
8/28/2014	18
8/29/2014	23
8/30/2014	11
8/31/2014	11
9/1/2014	10
9/2/2014	9

Turkey Creek at Edison	
6844210	
Date	cfs
7/23/2014	48
7/24/2014	15
7/25/2014	9
7/26/2014	8
7/27/2014	8
7/28/2014	7
7/29/2014	7
7/30/2014	7
7/31/2014	7
8/1/2014	6
8/2/2014	6
8/3/2014	6
8/4/2014	6
8/5/2014	7
8/6/2014	7
8/7/2014	9
8/8/2014	6
8/9/2014	51
8/10/2014	188
8/11/2014	34
8/12/2014	12
8/13/2014	9
8/14/2014	8
8/15/2014	8
8/16/2014	8
8/17/2014	8
8/18/2014	7
8/19/2014	8
8/20/2014	7
8/21/2014	6
8/22/2014	6
8/23/2014	9
8/24/2014	13
8/25/2014	7
8/26/2014	8
8/27/2014	26
8/28/2014	17
8/29/2014	31
8/30/2014	13
8/31/2014	10
9/1/2014	9
9/2/2014	9

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
9/3/2014	3
9/4/2014	3
9/5/2014	3
9/6/2014	2
9/7/2014	2
9/8/2014	2
9/9/2014	2
9/10/2014	3
9/11/2014	2
9/12/2014	3
9/13/2014	3
9/14/2014	3
9/15/2014	2
9/16/2014	2
9/17/2014	2
9/18/2014	2
9/19/2014	2
9/20/2014	2
9/21/2014	2
9/22/2014	2
9/23/2014	2
9/24/2014	2
9/25/2014	2
9/26/2014	2
9/27/2014	2
9/28/2014	2
9/29/2014	2
9/30/2014	2
10/1/2014	2
10/2/2014	3
10/3/2014	3
10/4/2014	3
10/5/2014	3
10/6/2014	4
10/7/2014	3
10/8/2014	4
10/9/2014	4
10/10/2014	4
10/11/2014	4
10/12/2014	4
10/13/2014	5
10/14/2014	5

Muddy Creek at Arapahoe	
6844000	
Date	cfs
9/3/2014	4
9/4/2014	4
9/5/2014	5
9/6/2014	4
9/7/2014	4
9/8/2014	4
9/9/2014	4
9/10/2014	4
9/11/2014	4
9/12/2014	4
9/13/2014	4
9/14/2014	4
9/15/2014	4
9/16/2014	4
9/17/2014	4
9/18/2014	4
9/19/2014	4
9/20/2014	4
9/21/2014	3
9/22/2014	3
9/23/2014	4
9/24/2014	4
9/25/2014	4
9/26/2014	4
9/27/2014	4
9/28/2014	4
9/29/2014	4
9/30/2014	4
10/1/2014	4
10/2/2014	4
10/3/2014	4
10/4/2014	4
10/5/2014	4
10/6/2014	4
10/7/2014	4
10/8/2014	4
10/9/2014	4
10/10/2014	4
10/11/2014	4
10/12/2014	4
10/13/2014	4
10/14/2014	4

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
9/3/2014	9
9/4/2014	9
9/5/2014	9
9/6/2014	9
9/7/2014	8
9/8/2014	9
9/9/2014	10
9/10/2014	11
9/11/2014	9
9/12/2014	10
9/13/2014	10
9/14/2014	9
9/15/2014	9
9/16/2014	9
9/17/2014	9
9/18/2014	9
9/19/2014	9
9/20/2014	9
9/21/2014	9
9/22/2014	9
9/23/2014	10
9/24/2014	10
9/25/2014	9
9/26/2014	9
9/27/2014	9
9/28/2014	9
9/29/2014	9
9/30/2014	9
10/1/2014	9
10/2/2014	10
10/3/2014	11
10/4/2014	9
10/5/2014	10
10/6/2014	10
10/7/2014	10
10/8/2014	10
10/9/2014	10
10/10/2014	10
10/11/2014	10
10/12/2014	10
10/13/2014	11
10/14/2014	11

Turkey Creek at Edison	
6844210	
Date	cfs
9/3/2014	9
9/4/2014	9
9/5/2014	9
9/6/2014	9
9/7/2014	8
9/8/2014	8
9/9/2014	8
9/10/2014	9
9/11/2014	10
9/12/2014	11
9/13/2014	11
9/14/2014	10
9/15/2014	10
9/16/2014	9
9/17/2014	9
9/18/2014	9
9/19/2014	9
9/20/2014	9
9/21/2014	8
9/22/2014	8
9/23/2014	9
9/24/2014	10
9/25/2014	9
9/26/2014	8
9/27/2014	8
9/28/2014	8
9/29/2014	8
9/30/2014	9
10/1/2014	9
10/2/2014	11
10/3/2014	12
10/4/2014	10
10/5/2014	10
10/6/2014	10
10/7/2014	10
10/8/2014	10
10/9/2014	9
10/10/2014	9
10/11/2014	9
10/12/2014	9
10/13/2014	11
10/14/2014	11

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
10/15/2014	5
10/16/2014	5
10/17/2014	4
10/18/2014	4
10/19/2014	4
10/20/2014	4
10/21/2014	4
10/22/2014	4
10/23/2014	4
10/24/2014	4
10/25/2014	4
10/26/2014	4
10/27/2014	4
10/28/2014	4
10/29/2014	4
10/30/2014	4
10/31/2014	4
11/1/2014	4
11/2/2014	4
11/3/2014	4
11/4/2014	4
11/5/2014	4
11/6/2014	3
11/7/2014	3
11/8/2014	4
11/9/2014	3
11/10/2014	3
11/11/2014	3
11/12/2014	3
11/13/2014	3
11/14/2014	3
11/15/2014	3
11/16/2014	3
11/17/2014	3
11/18/2014	3
11/19/2014	3
11/20/2014	3
11/21/2014	3
11/22/2014	3
11/23/2014	3
11/24/2014	3
11/25/2014	3

Muddy Creek at Arapahoe	
6844000	
Date	cfs
10/15/2014	4
10/16/2014	4
10/17/2014	4
10/18/2014	4
10/19/2014	4
10/20/2014	4
10/21/2014	4
10/22/2014	4
10/23/2014	4
10/24/2014	4
10/25/2014	4
10/26/2014	4
10/27/2014	4
10/28/2014	4
10/29/2014	4
10/30/2014	5
10/31/2014	4
11/1/2014	4
11/2/2014	4
11/3/2014	5
11/4/2014	5
11/5/2014	4
11/6/2014	4
11/7/2014	5
11/8/2014	5
11/9/2014	4
11/10/2014	4
11/11/2014	4
11/12/2014	4
11/13/2014	4
11/14/2014	4
11/15/2014	4
11/16/2014	4
11/17/2014	4
11/18/2014	4
11/19/2014	4
11/20/2014	4
11/21/2014	4
11/22/2014	5
11/23/2014	5
11/24/2014	5
11/25/2014	5

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
10/15/2014	11
10/16/2014	11
10/17/2014	11
10/18/2014	11
10/19/2014	11
10/20/2014	11
10/21/2014	11
10/22/2014	12
10/23/2014	12
10/24/2014	12
10/25/2014	12
10/26/2014	12
10/27/2014	12
10/28/2014	12
10/29/2014	12
10/30/2014	12
10/31/2014	11
11/1/2014	11
11/2/2014	12
11/3/2014	12
11/4/2014	12
11/5/2014	11
11/6/2014	11
11/7/2014	11
11/8/2014	12
11/9/2014	11
11/10/2014	12
11/11/2014	12
11/12/2014	12
11/13/2014	12
11/14/2014	12
11/15/2014	12
11/16/2014	12
11/17/2014	12
11/18/2014	12
11/19/2014	13
11/20/2014	12
11/21/2014	12
11/22/2014	13
11/23/2014	13
11/24/2014	13
11/25/2014	13

Turkey Creek at Edison	
6844210	
Date	cfs
10/15/2014	11
10/16/2014	11
10/17/2014	11
10/18/2014	11
10/19/2014	11
10/20/2014	11
10/21/2014	10
10/22/2014	11
10/23/2014	12
10/24/2014	12
10/25/2014	12
10/26/2014	13
10/27/2014	14
10/28/2014	14
10/29/2014	13
10/30/2014	13
10/31/2014	13
11/1/2014	13
11/2/2014	12
11/3/2014	13
11/4/2014	12
11/5/2014	12
11/6/2014	12
11/7/2014	11
11/8/2014	11
11/9/2014	11
11/10/2014	11
11/11/2014	12
11/12/2014	12
11/13/2014	11
11/14/2014	11
11/15/2014	11
11/16/2014	13
11/17/2014	13
11/18/2014	13
11/19/2014	13
11/20/2014	13
11/21/2014	15
11/22/2014	16
11/23/2014	16
11/24/2014	16
11/25/2014	15

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
11/26/2014	3
11/27/2014	3
11/28/2014	3
11/29/2014	3
11/30/2014	3
12/1/2014	3
12/2/2014	3
12/3/2014	3
12/4/2014	3
12/5/2014	3
12/6/2014	3
12/7/2014	3
12/8/2014	3
12/9/2014	3
12/10/2014	3
12/11/2014	3
12/12/2014	3
12/13/2014	3
12/14/2014	4
12/15/2014	4
12/16/2014	4
12/17/2014	4
12/18/2014	4
12/19/2014	3
12/20/2014	4
12/21/2014	3
12/22/2014	3
12/23/2014	3
12/24/2014	3
12/25/2014	3
12/26/2014	3
12/27/2014	3
12/28/2014	3
12/29/2014	3
12/30/2014	3
12/31/2014	3
1/1/2015	3
1/2/2015	3
1/3/2015	3
1/4/2015	3
1/5/2015	3
1/6/2015	3

Muddy Creek at Arapahoe	
6844000	
Date	cfs
11/26/2014	5
11/27/2014	4
11/28/2014	5
11/29/2014	5
11/30/2014	5
12/1/2014	5
12/2/2014	5
12/3/2014	5
12/4/2014	5
12/5/2014	5
12/6/2014	5
12/7/2014	5
12/8/2014	5
12/9/2014	5
12/10/2014	5
12/11/2014	5
12/12/2014	5
12/13/2014	6
12/14/2014	6
12/15/2014	6
12/16/2014	6
12/17/2014	5
12/18/2014	5
12/19/2014	5
12/20/2014	5
12/21/2014	5
12/22/2014	5
12/23/2014	6
12/24/2014	5
12/25/2014	6
12/26/2014	6
12/27/2014	5
12/28/2014	5
12/29/2014	5
12/30/2014	4
12/31/2014	4
1/1/2015	4
1/2/2015	4
1/3/2015	4
1/4/2015	4
1/5/2015	3
1/6/2015	4

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
11/26/2014	13
11/27/2014	13
11/28/2014	13
11/29/2014	14
11/30/2014	14
12/1/2014	14
12/2/2014	19
12/3/2014	12
12/4/2014	12
12/5/2014	13
12/6/2014	12
12/7/2014	12
12/8/2014	13
12/9/2014	12
12/10/2014	13
12/11/2014	13
12/12/2014	13
12/13/2014	13
12/14/2014	13
12/15/2014	15
12/16/2014	13
12/17/2014	12
12/18/2014	12
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12/20/2014	13
12/21/2014	13
12/22/2014	14
12/23/2014	13
12/24/2014	13
12/25/2014	13
12/26/2014	13
12/27/2014	13
12/28/2014	13
12/29/2014	13
12/30/2014	13
12/31/2014	12
1/1/2015	12
1/2/2015	13
1/3/2015	12
1/4/2015	13
1/5/2015	12
1/6/2015	12

Turkey Creek at Edison	
6844210	
Date	cfs
11/26/2014	15
11/27/2014	16
11/28/2014	16
11/29/2014	17
11/30/2014	13
12/1/2014	11
12/2/2014	6
12/3/2014	7
12/4/2014	10
12/5/2014	13
12/6/2014	12
12/7/2014	12
12/8/2014	12
12/9/2014	12
12/10/2014	12
12/11/2014	12
12/12/2014	12
12/13/2014	12
12/14/2014	13
12/15/2014	16
12/16/2014	16
12/17/2014	14
12/18/2014	14
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12/21/2014	13
12/22/2014	14
12/23/2014	14
12/24/2014	14
12/25/2014	14
12/26/2014	14
12/27/2014	11
12/28/2014	10
12/29/2014	10
12/30/2014	10
12/31/2014	10
1/1/2015	10
1/2/2015	10
1/3/2015	10
1/4/2015	11
1/5/2015	10
1/6/2015	11

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
1/7/2015	3
1/8/2015	3
1/9/2015	4
1/10/2015	3
1/11/2015	3
1/12/2015	3
1/13/2015	3
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1/15/2015	3
1/16/2015	3
1/17/2015	4
1/18/2015	4
1/19/2015	4
1/20/2015	4
1/21/2015	4
1/22/2015	4
1/23/2015	4
1/24/2015	4
1/25/2015	4
1/26/2015	4
1/27/2015	4
1/28/2015	4
1/29/2015	4
1/30/2015	3
1/31/2015	3
2/1/2015	3
2/2/2015	3
2/3/2015	3
2/4/2015	4
2/5/2015	3
2/6/2015	4
2/7/2015	4
2/8/2015	4
2/9/2015	4
2/10/2015	5
2/11/2015	5
2/12/2015	5
2/13/2015	4
2/14/2015	4
2/15/2015	4
2/16/2015	4
2/17/2015	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
1/7/2015	4
1/8/2015	4
1/9/2015	4
1/10/2015	4
1/11/2015	4
1/12/2015	4
1/13/2015	4
1/14/2015	4
1/15/2015	4
1/16/2015	5
1/17/2015	5
1/18/2015	5
1/19/2015	5
1/20/2015	5
1/21/2015	5
1/22/2015	5
1/23/2015	5
1/24/2015	5
1/25/2015	5
1/26/2015	5
1/27/2015	5
1/28/2015	5
1/29/2015	5
1/30/2015	5
1/31/2015	5
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2/2/2015	4
2/3/2015	5
2/4/2015	5
2/5/2015	5
2/6/2015	5
2/7/2015	5
2/8/2015	6
2/9/2015	6
2/10/2015	6
2/11/2015	6
2/12/2015	6
2/13/2015	6
2/14/2015	6
2/15/2015	5
2/16/2015	6
2/17/2015	6

Turkey Creek at Furnas- Gosper County Line	
231700	
Date	cfs
1/7/2015	13
1/8/2015	12
1/9/2015	14
1/10/2015	12
1/11/2015	12
1/12/2015	13
1/13/2015	11
1/14/2015	11
1/15/2015	12
1/16/2015	12
1/17/2015	13
1/18/2015	14
1/19/2015	14
1/20/2015	14
1/21/2015	14
1/22/2015	14
1/23/2015	14
1/24/2015	14
1/25/2015	15
1/26/2015	14
1/27/2015	14
1/28/2015	14
1/29/2015	14
1/30/2015	13
1/31/2015	14
2/1/2015	15
2/2/2015	14
2/3/2015	14
2/4/2015	14
2/5/2015	13
2/6/2015	13
2/7/2015	13
2/8/2015	13
2/9/2015	13
2/10/2015	13
2/11/2015	13
2/12/2015	12
2/13/2015	13
2/14/2015	13
2/15/2015	13
2/16/2015	13
2/17/2015	13

Turkey Creek at Edison	
6844210	
Date	cfs
1/7/2015	11
1/8/2015	13
1/9/2015	13
1/10/2015	12
1/11/2015	12
1/12/2015	11
1/13/2015	11
1/14/2015	11
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1/16/2015	12
1/17/2015	13
1/18/2015	13
1/19/2015	15
1/20/2015	17
1/21/2015	18
1/22/2015	20
1/23/2015	22
1/24/2015	23
1/25/2015	23
1/26/2015	25
1/27/2015	22
1/28/2015	21
1/29/2015	19
1/30/2015	16
1/31/2015	14
2/1/2015	13
2/2/2015	12
2/3/2015	13
2/4/2015	13
2/5/2015	13
2/6/2015	13
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2/9/2015	15
2/10/2015	14
2/11/2015	14
2/12/2015	14
2/13/2015	13
2/14/2015	13
2/15/2015	13
2/16/2015	12
2/17/2015	13

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
2/18/2015	4
2/19/2015	4
2/20/2015	4
2/21/2015	4
2/22/2015	4
2/23/2015	3
2/24/2015	4
2/25/2015	4
2/26/2015	4
2/27/2015	4
2/28/2015	3
3/1/2015	3
3/2/2015	4
3/3/2015	4
3/4/2015	4
3/5/2015	4
3/6/2015	4
3/7/2015	4
3/8/2015	4
3/9/2015	4
3/10/2015	4
3/11/2015	4
3/12/2015	4
3/13/2015	5
3/14/2015	4
3/15/2015	4
3/16/2015	4
3/17/2015	4
3/18/2015	4
3/19/2015	4
3/20/2015	4
3/21/2015	4
3/22/2015	4
3/23/2015	4
3/24/2015	4
3/25/2015	4
3/26/2015	4
3/27/2015	4
3/28/2015	4
3/29/2015	4
3/30/2015	4
3/31/2015	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
2/18/2015	5
2/19/2015	5
2/20/2015	5
2/21/2015	5
2/22/2015	5
2/23/2015	5
2/24/2015	5
2/25/2015	5
2/26/2015	6
2/27/2015	5
2/28/2015	5
3/1/2015	5
3/2/2015	5
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3/4/2015	5
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3/6/2015	6
3/7/2015	6
3/8/2015	6
3/9/2015	6
3/10/2015	6
3/11/2015	6
3/12/2015	6
3/13/2015	6
3/14/2015	6
3/15/2015	6
3/16/2015	6
3/17/2015	6
3/18/2015	6
3/19/2015	6
3/20/2015	6
3/21/2015	6
3/22/2015	6
3/23/2015	6
3/24/2015	6
3/25/2015	6
3/26/2015	6
3/27/2015	5
3/28/2015	5
3/29/2015	6
3/30/2015	5
3/31/2015	5

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
2/18/2015	13
2/19/2015	13
2/20/2015	14
2/21/2015	14
2/22/2015	14
2/23/2015	14
2/24/2015	13
2/25/2015	14
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2/27/2015	14
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3/1/2015	14
3/2/2015	14
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3/4/2015	15
3/5/2015	16
3/6/2015	15
3/7/2015	15
3/8/2015	16
3/9/2015	16
3/10/2015	16
3/11/2015	16
3/12/2015	16
3/13/2015	16
3/14/2015	15
3/15/2015	15
3/16/2015	16
3/17/2015	15
3/18/2015	15
3/19/2015	16
3/20/2015	15
3/21/2015	15
3/22/2015	15
3/23/2015	15
3/24/2015	15
3/25/2015	15
3/26/2015	14
3/27/2015	14
3/28/2015	14
3/29/2015	14
3/30/2015	14
3/31/2015	14

Turkey Creek at Edison	
6844210	
Date	cfs
2/18/2015	12
2/19/2015	11
2/20/2015	12
2/21/2015	12
2/22/2015	12
2/23/2015	11
2/24/2015	12
2/25/2015	12
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2/27/2015	13
2/28/2015	12
3/1/2015	13
3/2/2015	13
3/3/2015	13
3/4/2015	13
3/5/2015	13
3/6/2015	14
3/7/2015	15
3/8/2015	15
3/9/2015	15
3/10/2015	15
3/11/2015	14
3/12/2015	14
3/13/2015	14
3/14/2015	14
3/15/2015	13
3/16/2015	14
3/17/2015	13
3/18/2015	13
3/19/2015	13
3/20/2015	13
3/21/2015	13
3/22/2015	13
3/23/2015	13
3/24/2015	13
3/25/2015	13
3/26/2015	13
3/27/2015	13
3/28/2015	13
3/29/2015	14
3/30/2015	14
3/31/2015	14

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
4/1/2015	4
4/2/2015	4
4/3/2015	4
4/4/2015	4
4/5/2015	4
4/6/2015	4
4/7/2015	4
4/8/2015	4
4/9/2015	4
4/10/2015	4
4/11/2015	4
4/12/2015	4
4/13/2015	4
4/14/2015	4
4/15/2015	4
4/16/2015	5
4/17/2015	5
4/18/2015	5
4/19/2015	6
4/20/2015	5
4/21/2015	5
4/22/2015	5
4/23/2015	5
4/24/2015	5
4/25/2015	6
4/26/2015	6
4/27/2015	5
4/28/2015	5
4/29/2015	5
4/30/2015	4
5/1/2015	4
5/2/2015	4
5/3/2015	4
5/4/2015	4
5/5/2015	5
5/6/2015	5
5/7/2015	5
5/8/2015	5
5/9/2015	5
5/10/2015	5
5/11/2015	4
5/12/2015	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
4/1/2015	5
4/2/2015	6
4/3/2015	6
4/4/2015	6
4/5/2015	6
4/6/2015	6
4/7/2015	5
4/8/2015	5
4/9/2015	6
4/10/2015	6
4/11/2015	6
4/12/2015	6
4/13/2015	6
4/14/2015	5
4/15/2015	5
4/16/2015	6
4/17/2015	6
4/18/2015	7
4/19/2015	7
4/20/2015	7
4/21/2015	6
4/22/2015	6
4/23/2015	5
4/24/2015	5
4/25/2015	7
4/26/2015	7
4/27/2015	7
4/28/2015	6
4/29/2015	5
4/30/2015	5
5/1/2015	5
5/2/2015	5
5/3/2015	5
5/4/2015	5
5/5/2015	5
5/6/2015	6
5/7/2015	6
5/8/2015	6
5/9/2015	6
5/10/2015	6
5/11/2015	6
5/12/2015	6

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
4/1/2015	14
4/2/2015	14
4/3/2015	15
4/4/2015	14
4/5/2015	14
4/6/2015	15
4/7/2015	15
4/8/2015	15
4/9/2015	15
4/10/2015	15
4/11/2015	14
4/12/2015	15
4/13/2015	15
4/14/2015	14
4/15/2015	14
4/16/2015	16
4/17/2015	17
4/18/2015	22
4/19/2015	19
4/20/2015	18
4/21/2015	16
4/22/2015	16
4/23/2015	15
4/24/2015	16
4/25/2015	16
4/26/2015	15
4/27/2015	15
4/28/2015	15
4/29/2015	15
4/30/2015	14
5/1/2015	14
5/2/2015	14
5/3/2015	14
5/4/2015	14
5/5/2015	15
5/6/2015	16
5/7/2015	15
5/8/2015	14
5/9/2015	14
5/10/2015	16
5/11/2015	15
5/12/2015	14

Turkey Creek at Edison	
6844210	
Date	cfs
4/1/2015	14
4/2/2015	14
4/3/2015	15
4/4/2015	15
4/5/2015	14
4/6/2015	15
4/7/2015	15
4/8/2015	15
4/9/2015	15
4/10/2015	15
4/11/2015	15
4/12/2015	15
4/13/2015	15
4/14/2015	14
4/15/2015	14
4/16/2015	16
4/17/2015	18
4/18/2015	22
4/19/2015	20
4/20/2015	18
4/21/2015	16
4/22/2015	15
4/23/2015	15
4/24/2015	15
4/25/2015	16
4/26/2015	15
4/27/2015	14
4/28/2015	14
4/29/2015	14
4/30/2015	14
5/1/2015	14
5/2/2015	14
5/3/2015	14
5/4/2015	14
5/5/2015	14
5/6/2015	16
5/7/2015	16
5/8/2015	15
5/9/2015	14
5/10/2015	15
5/11/2015	16
5/12/2015	14

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
5/13/2015	4
5/14/2015	5
5/15/2015	4
5/16/2015	5
5/17/2015	5
5/18/2015	5
5/19/2015	5
5/20/2015	6
5/21/2015	5
5/22/2015	6
5/23/2015	6
5/24/2015	6
5/25/2015	6
5/26/2015	5
5/27/2015	5
5/28/2015	5
5/29/2015	5
5/30/2015	5
5/31/2015	5
6/1/2015	5
6/2/2015	5
6/3/2015	5
6/4/2015	4
6/5/2015	5
6/6/2015	6
6/7/2015	5
6/8/2015	5
6/9/2015	4
6/10/2015	4
6/11/2015	6
6/12/2015	5
6/13/2015	4
6/14/2015	4
6/15/2015	5
6/16/2015	4
6/17/2015	6
6/18/2015	5
6/19/2015	5
6/20/2015	5
6/21/2015	4
6/22/2015	4
6/23/2015	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
5/13/2015	6
5/14/2015	6
5/15/2015	6
5/16/2015	6
5/17/2015	6
5/18/2015	6
5/19/2015	6
5/20/2015	7
5/21/2015	7
5/22/2015	6
5/23/2015	7
5/24/2015	6
5/25/2015	6
5/26/2015	6
5/27/2015	5
5/28/2015	5
5/29/2015	5
5/30/2015	6
5/31/2015	5
6/1/2015	5
6/2/2015	6
6/3/2015	5
6/4/2015	5
6/5/2015	8
6/6/2015	10
6/7/2015	7
6/8/2015	6
6/9/2015	6
6/10/2015	6
6/11/2015	12
6/12/2015	7
6/13/2015	6
6/14/2015	15
6/15/2015	7
6/16/2015	5
6/17/2015	12
6/18/2015	13
6/19/2015	7
6/20/2015	8
6/21/2015	7
6/22/2015	6
6/23/2015	5

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
5/13/2015	14
5/14/2015	15
5/15/2015	16
5/16/2015	15
5/17/2015	15
5/18/2015	15
5/19/2015	15
5/20/2015	18
5/21/2015	16
5/22/2015	16
5/23/2015	17
5/24/2015	17
5/25/2015	16
5/26/2015	16
5/27/2015	15
5/28/2015	15
5/29/2015	15
5/30/2015	15
5/31/2015	14
6/1/2015	14
6/2/2015	17
6/3/2015	16
6/4/2015	15
6/5/2015	18
6/6/2015	21
6/7/2015	16
6/8/2015	15
6/9/2015	14
6/10/2015	14
6/11/2015	17
6/12/2015	18
6/13/2015	15
6/14/2015	22
6/15/2015	30
6/16/2015	16
6/17/2015	165
6/18/2015	66
6/19/2015	37
6/20/2015	19
6/21/2015	16
6/22/2015	16
6/23/2015	15

Turkey Creek at Edison	
6844210	
Date	cfs
5/13/2015	14
5/14/2015	15
5/15/2015	16
5/16/2015	15
5/17/2015	15
5/18/2015	15
5/19/2015	15
5/20/2015	16
5/21/2015	18
5/22/2015	16
5/23/2015	17
5/24/2015	17
5/25/2015	17
5/26/2015	16
5/27/2015	15
5/28/2015	15
5/29/2015	15
5/30/2015	15
5/31/2015	15
6/1/2015	15
6/2/2015	18
6/3/2015	16
6/4/2015	15
6/5/2015	18
6/6/2015	22
6/7/2015	18
6/8/2015	15
6/9/2015	15
6/10/2015	15
6/11/2015	17
6/12/2015	18
6/13/2015	16
6/14/2015	16
6/15/2015	30
6/16/2015	19
6/17/2015	114
6/18/2015	127
6/19/2015	48
6/20/2015	26
6/21/2015	19
6/22/2015	17
6/23/2015	16

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
6/24/2015	3
6/25/2015	3
6/26/2015	3
6/27/2015	3
6/28/2015	3
6/29/2015	3
6/30/2015	3
7/1/2015	3
7/2/2015	4
7/3/2015	3
7/4/2015	3
7/5/2015	3
7/6/2015	3
7/7/2015	3
7/8/2015	3
7/9/2015	2
7/10/2015	4
7/11/2015	86
7/12/2015	5
7/13/2015	4
7/14/2015	4
7/15/2015	5
7/16/2015	4
7/17/2015	4
7/18/2015	4
7/19/2015	4
7/20/2015	4
7/21/2015	4
7/22/2015	4
7/23/2015	4
7/24/2015	4
7/25/2015	4
7/26/2015	4
7/27/2015	4
7/28/2015	4
7/29/2015	3
7/30/2015	3
7/31/2015	3
8/1/2015	3
8/2/2015	3
8/3/2015	3
8/4/2015	3

Muddy Creek at Arapahoe	
6844000	
Date	cfs
6/24/2015	5
6/25/2015	5
6/26/2015	5
6/27/2015	5
6/28/2015	5
6/29/2015	5
6/30/2015	5
7/1/2015	5
7/2/2015	6
7/3/2015	6
7/4/2015	5
7/5/2015	5
7/6/2015	5
7/7/2015	5
7/8/2015	5
7/9/2015	5
7/10/2015	5
7/11/2015	126
7/12/2015	14
7/13/2015	5
7/14/2015	4
7/15/2015	4
7/16/2015	4
7/17/2015	4
7/18/2015	4
7/19/2015	4
7/20/2015	4
7/21/2015	4
7/22/2015	3
7/23/2015	4
7/24/2015	4
7/25/2015	4
7/26/2015	4
7/27/2015	4
7/28/2015	4
7/29/2015	4
7/30/2015	4
7/31/2015	4
8/1/2015	4
8/2/2015	4
8/3/2015	4
8/4/2015	5

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
6/24/2015	15
6/25/2015	15
6/26/2015	14
6/27/2015	14
6/28/2015	14
6/29/2015	13
6/30/2015	13
7/1/2015	12
7/2/2015	12
7/3/2015	12
7/4/2015	12
7/5/2015	11
7/6/2015	11
7/7/2015	11
7/8/2015	10
7/9/2015	10
7/10/2015	10
7/11/2015	14
7/12/2015	10
7/13/2015	10
7/14/2015	10
7/15/2015	10
7/16/2015	10
7/17/2015	9
7/18/2015	9
7/19/2015	8
7/20/2015	8
7/21/2015	8
7/22/2015	8
7/23/2015	11
7/24/2015	8
7/25/2015	8
7/26/2015	8
7/27/2015	8
7/28/2015	8
7/29/2015	7
7/30/2015	7
7/31/2015	7
8/1/2015	8
8/2/2015	7
8/3/2015	7
8/4/2015	8

Turkey Creek at Edison	
6844210	
Date	cfs
6/24/2015	16
6/25/2015	16
6/26/2015	15
6/27/2015	15
6/28/2015	15
6/29/2015	14
6/30/2015	14
7/1/2015	13
7/2/2015	14
7/3/2015	13
7/4/2015	13
7/5/2015	13
7/6/2015	12
7/7/2015	12
7/8/2015	11
7/9/2015	11
7/10/2015	11
7/11/2015	53
7/12/2015	13
7/13/2015	11
7/14/2015	10
7/15/2015	11
7/16/2015	11
7/17/2015	10
7/18/2015	9
7/19/2015	9
7/20/2015	9
7/21/2015	8
7/22/2015	8
7/23/2015	10
7/24/2015	11
7/25/2015	8
7/26/2015	8
7/27/2015	9
7/28/2015	9
7/29/2015	8
7/30/2015	8
7/31/2015	7
8/1/2015	8
8/2/2015	7
8/3/2015	6
8/4/2015	7

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
8/5/2015	6
8/6/2015	9
8/7/2015	5
8/8/2015	4
8/9/2015	3
8/10/2015	3
8/11/2015	3
8/12/2015	3
8/13/2015	3
8/14/2015	3
8/15/2015	5
8/16/2015	4
8/17/2015	3
8/18/2015	2
8/19/2015	2
8/20/2015	2
8/21/2015	2
8/22/2015	2
8/23/2015	2
8/24/2015	2
8/25/2015	2
8/26/2015	2
8/27/2015	2
8/28/2015	2
8/29/2015	2
8/30/2015	2
8/31/2015	2
9/1/2015	2
9/2/2015	2
9/3/2015	2
9/4/2015	2
9/5/2015	2
9/6/2015	2
9/7/2015	2
9/8/2015	2
9/9/2015	2
9/10/2015	2
9/11/2015	2
9/12/2015	2
9/13/2015	2
9/14/2015	2
9/15/2015	2

Muddy Creek at Arapahoe	
6844000	
Date	cfs
8/5/2015	6
8/6/2015	8
8/7/2015	10
8/8/2015	6
8/9/2015	5
8/10/2015	5
8/11/2015	5
8/12/2015	4
8/13/2015	5
8/14/2015	5
8/15/2015	5
8/16/2015	9
8/17/2015	6
8/18/2015	5
8/19/2015	4
8/20/2015	4
8/21/2015	4
8/22/2015	4
8/23/2015	4
8/24/2015	4
8/25/2015	4
8/26/2015	4
8/27/2015	4
8/28/2015	4
8/29/2015	4
8/30/2015	4
8/31/2015	4
9/1/2015	4
9/2/2015	3
9/3/2015	3
9/4/2015	3
9/5/2015	3
9/6/2015	3
9/7/2015	3
9/8/2015	3
9/9/2015	4
9/10/2015	11
9/11/2015	4
9/12/2015	3
9/13/2015	3
9/14/2015	3
9/15/2015	3

Turkey Creek at Furnas- Gosper County Line	
231700	
Date	cfs
8/5/2015	14
8/6/2015	10
8/7/2015	7
8/8/2015	8
8/9/2015	9
8/10/2015	8
8/11/2015	8
8/12/2015	8
8/13/2015	8
8/14/2015	8
8/15/2015	8
8/16/2015	59
8/17/2015	98
8/18/2015	14
8/19/2015	8
8/20/2015	8
8/21/2015	8
8/22/2015	8
8/23/2015	8
8/24/2015	8
8/25/2015	8
8/26/2015	8
8/27/2015	8
8/28/2015	8
8/29/2015	7
8/30/2015	7
8/31/2015	7
9/1/2015	7
9/2/2015	7
9/3/2015	7
9/4/2015	7
9/5/2015	6
9/6/2015	6
9/7/2015	6
9/8/2015	7
9/9/2015	7
9/10/2015	7
9/11/2015	7
9/12/2015	7
9/13/2015	7
9/14/2015	7
9/15/2015	7

Turkey Creek at Edison	
6844210	
Date	cfs
8/5/2015	11
8/6/2015	14
8/7/2015	8
8/8/2015	8
8/9/2015	9
8/10/2015	9
8/11/2015	8
8/12/2015	8
8/13/2015	8
8/14/2015	8
8/15/2015	8
8/16/2015	26
8/17/2015	143
8/18/2015	29
8/19/2015	10
8/20/2015	9
8/21/2015	8
8/22/2015	8
8/23/2015	8
8/24/2015	8
8/25/2015	8
8/26/2015	8
8/27/2015	8
8/28/2015	8
8/29/2015	7
8/30/2015	8
8/31/2015	7
9/1/2015	7
9/2/2015	7
9/3/2015	7
9/4/2015	6
9/5/2015	6
9/6/2015	5
9/7/2015	6
9/8/2015	6
9/9/2015	6
9/10/2015	6
9/11/2015	6
9/12/2015	7
9/13/2015	7
9/14/2015	7
9/15/2015	7

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
9/16/2015	2
9/17/2015	1
9/18/2015	2
9/19/2015	2
9/20/2015	2
9/21/2015	1
9/22/2015	1
9/23/2015	2
9/24/2015	2
9/25/2015	1
9/26/2015	1
9/27/2015	2
9/28/2015	2
9/29/2015	3
9/30/2015	3
10/1/2015	3
10/2/2015	3
10/3/2015	3
10/4/2015	3
10/5/2015	3
10/6/2015	3
10/7/2015	2
10/8/2015	2
10/9/2015	2
10/10/2015	2
10/11/2015	2
10/12/2015	2
10/13/2015	2
10/14/2015	3
10/15/2015	3
10/16/2015	3
10/17/2015	3
10/18/2015	3
10/19/2015	4
10/20/2015	3
10/21/2015	4
10/22/2015	4
10/23/2015	4
10/24/2015	4
10/25/2015	4
10/26/2015	3
10/27/2015	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
9/16/2015	3
9/17/2015	3
9/18/2015	3
9/19/2015	3
9/20/2015	3
9/21/2015	3
9/22/2015	3
9/23/2015	5
9/24/2015	5
9/25/2015	4
9/26/2015	4
9/27/2015	4
9/28/2015	4
9/29/2015	4
9/30/2015	4
10/1/2015	4
10/2/2015	4
10/3/2015	4
10/4/2015	4
10/5/2015	4
10/6/2015	4
10/7/2015	4
10/8/2015	4
10/9/2015	4
10/10/2015	4
10/11/2015	4
10/12/2015	4
10/13/2015	5
10/14/2015	5
10/15/2015	5
10/16/2015	5
10/17/2015	5
10/18/2015	5
10/19/2015	5
10/20/2015	5
10/21/2015	5
10/22/2015	6
10/23/2015	7
10/24/2015	6
10/25/2015	6
10/26/2015	6
10/27/2015	6

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
9/16/2015	7
9/17/2015	7
9/18/2015	7
9/19/2015	7
9/20/2015	7
9/21/2015	7
9/22/2015	8
9/23/2015	9
9/24/2015	28
9/25/2015	16
9/26/2015	9
9/27/2015	9
9/28/2015	9
9/29/2015	9
9/30/2015	9
10/1/2015	9
10/2/2015	9
10/3/2015	9
10/4/2015	10
10/5/2015	9
10/6/2015	9
10/7/2015	9
10/8/2015	9
10/9/2015	9
10/10/2015	9
10/11/2015	10
10/12/2015	9
10/13/2015	9
10/14/2015	10
10/15/2015	9
10/16/2015	10
10/17/2015	10
10/18/2015	10
10/19/2015	10
10/20/2015	10
10/21/2015	10
10/22/2015	10
10/23/2015	12
10/24/2015	11
10/25/2015	10
10/26/2015	10
10/27/2015	10

Turkey Creek at Edison	
6844210	
Date	cfs
9/16/2015	7
9/17/2015	7
9/18/2015	7
9/19/2015	7
9/20/2015	7
9/21/2015	7
9/22/2015	7
9/23/2015	9
9/24/2015	11
9/25/2015	26
9/26/2015	11
9/27/2015	9
9/28/2015	9
9/29/2015	8
9/30/2015	9
10/1/2015	9
10/2/2015	8
10/3/2015	8
10/4/2015	9
10/5/2015	9
10/6/2015	9
10/7/2015	9
10/8/2015	8
10/9/2015	8
10/10/2015	9
10/11/2015	9
10/12/2015	9
10/13/2015	9
10/14/2015	9
10/15/2015	9
10/16/2015	9
10/17/2015	9
10/18/2015	9
10/19/2015	10
10/20/2015	10
10/21/2015	10
10/22/2015	10
10/23/2015	11
10/24/2015	12
10/25/2015	11
10/26/2015	10
10/27/2015	11

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
10/28/2015	4
10/29/2015	4
10/30/2015	4
10/31/2015	5
11/1/2015	5
11/2/2015	4
11/3/2015	4
11/4/2015	4
11/5/2015	4
11/6/2015	4
11/7/2015	4
11/8/2015	4
11/9/2015	4
11/10/2015	4
11/11/2015	5
11/12/2015	5
11/13/2015	4
11/14/2015	4
11/15/2015	5
11/16/2015	5
11/17/2015	8
11/18/2015	13
11/19/2015	13
11/20/2015	8
11/21/2015	5
11/22/2015	4
11/23/2015	4
11/24/2015	4
11/25/2015	4
11/26/2015	4
11/27/2015	4
11/28/2015	4
11/29/2015	4
11/30/2015	4
12/1/2015	4
12/2/2015	4
12/3/2015	3
12/4/2015	3
12/5/2015	4
12/6/2015	3
12/7/2015	3
12/8/2015	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
10/28/2015	6
10/29/2015	6
10/30/2015	7
10/31/2015	7
11/1/2015	7
11/2/2015	7
11/3/2015	7
11/4/2015	7
11/5/2015	7
11/6/2015	7
11/7/2015	6
11/8/2015	6
11/9/2015	6
11/10/2015	6
11/11/2015	6
11/12/2015	7
11/13/2015	6
11/14/2015	6
11/15/2015	6
11/16/2015	6
11/17/2015	11
11/18/2015	13
11/19/2015	21
11/20/2015	13
11/21/2015	9
11/22/2015	7
11/23/2015	6
11/24/2015	6
11/25/2015	6
11/26/2015	6
11/27/2015	6
11/28/2015	5
11/29/2015	5
11/30/2015	5
12/1/2015	5
12/2/2015	5
12/3/2015	5
12/4/2015	6
12/5/2015	6
12/6/2015	6
12/7/2015	6
12/8/2015	5

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
10/28/2015	10
10/29/2015	10
10/30/2015	11
10/31/2015	12
11/1/2015	11
11/2/2015	11
11/3/2015	11
11/4/2015	11
11/5/2015	11
11/6/2015	11
11/7/2015	11
11/8/2015	11
11/9/2015	11
11/10/2015	11
11/11/2015	12
11/12/2015	14
11/13/2015	12
11/14/2015	12
11/15/2015	12
11/16/2015	12
11/17/2015	24
11/18/2015	44
11/19/2015	24
11/20/2015	14
11/21/2015	12
11/22/2015	12
11/23/2015	11
11/24/2015	11
11/25/2015	11
11/26/2015	11
11/27/2015	11
11/28/2015	11
11/29/2015	11
11/30/2015	12
12/1/2015	12
12/2/2015	12
12/3/2015	11
12/4/2015	11
12/5/2015	11
12/6/2015	11
12/7/2015	11
12/8/2015	11

Turkey Creek at Edison	
6844210	
Date	cfs
10/28/2015	11
10/29/2015	10
10/30/2015	11
10/31/2015	12
11/1/2015	12
11/2/2015	12
11/3/2015	11
11/4/2015	12
11/5/2015	12
11/6/2015	12
11/7/2015	
11/8/2015	11
11/9/2015	12
11/10/2015	12
11/11/2015	12
11/12/2015	13
11/13/2015	14
11/14/2015	12
11/15/2015	12
11/16/2015	13
11/17/2015	18
11/18/2015	39
11/19/2015	36
11/20/2015	18
11/21/2015	14
11/22/2015	13
11/23/2015	13
11/24/2015	13
11/25/2015	13
11/26/2015	13
11/27/2015	12
11/28/2015	12
11/29/2015	12
11/30/2015	12
12/1/2015	12
12/2/2015	12
12/3/2015	12
12/4/2015	11
12/5/2015	11
12/6/2015	11
12/7/2015	11
12/8/2015	11

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
12/9/2015	4
12/10/2015	4
12/11/2015	5
12/12/2015	5
12/13/2015	4
12/14/2015	4
12/15/2015	5
12/16/2015	5
12/17/2015	4
12/18/2015	4
12/19/2015	4
12/20/2015	4
12/21/2015	4
12/22/2015	4
12/23/2015	4
12/24/2015	4
12/25/2015	4
12/26/2015	4
12/27/2015	4
12/28/2015	4
12/29/2015	4
12/30/2015	4
12/31/2015	4
1/1/2016	4
1/2/2016	5
1/3/2016	5
1/4/2016	5
1/5/2016	6
1/6/2016	5
1/7/2016	5
1/8/2016	4
1/9/2016	4
1/10/2016	4
1/11/2016	4
1/12/2016	4
1/13/2016	4
1/14/2016	4
1/15/2016	4
1/16/2016	4
1/17/2016	5
1/18/2016	4
1/19/2016	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
12/9/2015	5
12/10/2015	5
12/11/2015	5
12/12/2015	5
12/13/2015	5
12/14/2015	5
12/15/2015	6
12/16/2015	6
12/17/2015	6
12/18/2015	6
12/19/2015	6
12/20/2015	6
12/21/2015	6
12/22/2015	6
12/23/2015	6
12/24/2015	6
12/25/2015	5
12/26/2015	5
12/27/2015	5
12/28/2015	5
12/29/2015	5
12/30/2015	5
12/31/2015	5
1/1/2016	6
1/2/2016	6
1/3/2016	6
1/4/2016	6
1/5/2016	6
1/6/2016	6
1/7/2016	6
1/8/2016	6
1/9/2016	6
1/10/2016	5
1/11/2016	6
1/12/2016	5
1/13/2016	5
1/14/2016	6
1/15/2016	6
1/16/2016	6
1/17/2016	3
1/18/2016	3
1/19/2016	4

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
12/9/2015	11
12/10/2015	11
12/11/2015	11
12/12/2015	11
12/13/2015	11
12/14/2015	12
12/15/2015	12
12/16/2015	12
12/17/2015	12
12/18/2015	12
12/19/2015	12
12/20/2015	12
12/21/2015	12
12/22/2015	12
12/23/2015	13
12/24/2015	13
12/25/2015	12
12/26/2015	12
12/27/2015	12
12/28/2015	12
12/29/2015	12
12/30/2015	13
12/31/2015	13
1/1/2016	13
1/2/2016	13
1/3/2016	13
1/4/2016	13
1/5/2016	13
1/6/2016	14
1/7/2016	14
1/8/2016	14
1/9/2016	14
1/10/2016	14
1/11/2016	14
1/12/2016	14
1/13/2016	14
1/14/2016	14
1/15/2016	14
1/16/2016	14
1/17/2016	13
1/18/2016	14
1/19/2016	13

Turkey Creek at Edison	
6844210	
Date	cfs
12/9/2015	11
12/10/2015	11
12/11/2015	11
12/12/2015	11
12/13/2015	11
12/14/2015	11
12/15/2015	12
12/16/2015	12
12/17/2015	11
12/18/2015	11
12/19/2015	12
12/20/2015	13
12/21/2015	13
12/22/2015	12
12/23/2015	12
12/24/2015	13
12/25/2015	12
12/26/2015	12
12/27/2015	11
12/28/2015	9
12/29/2015	8
12/30/2015	9
12/31/2015	9
1/1/2016	10
1/2/2016	11
1/3/2016	12
1/4/2016	12
1/5/2016	12
1/6/2016	12
1/7/2016	11
1/8/2016	11
1/9/2016	11
1/10/2016	11
1/11/2016	12
1/12/2016	13
1/13/2016	14
1/14/2016	14
1/15/2016	13
1/16/2016	12
1/17/2016	12
1/18/2016	11
1/19/2016	11

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
1/20/2016	4
1/21/2016	4
1/22/2016	4
1/23/2016	4
1/24/2016	4
1/25/2016	4
1/26/2016	4
1/27/2016	4
1/28/2016	4
1/29/2016	4
1/30/2016	4
1/31/2016	4
2/1/2016	4
2/2/2016	4
2/3/2016	5
2/4/2016	4
2/5/2016	4
2/6/2016	4
2/7/2016	4
2/8/2016	4
2/9/2016	4
2/10/2016	4
2/11/2016	4
2/12/2016	4
2/13/2016	4
2/14/2016	4
2/15/2016	4
2/16/2016	4
2/17/2016	4
2/18/2016	4
2/19/2016	4
2/20/2016	4
2/21/2016	4
2/22/2016	4
2/23/2016	4
2/24/2016	4
2/25/2016	4
2/26/2016	4
2/27/2016	4
2/28/2016	4
2/29/2016	4
3/1/2016	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
1/20/2016	4
1/21/2016	4
1/22/2016	4
1/23/2016	4
1/24/2016	4
1/25/2016	4
1/26/2016	5
1/27/2016	5
1/28/2016	6
1/29/2016	6
1/30/2016	6
1/31/2016	6
2/1/2016	6
2/2/2016	7
2/3/2016	7
2/4/2016	7
2/5/2016	7
2/6/2016	6
2/7/2016	7
2/8/2016	7
2/9/2016	6
2/10/2016	6
2/11/2016	7
2/12/2016	6
2/13/2016	6
2/14/2016	6
2/15/2016	6
2/16/2016	6
2/17/2016	6
2/18/2016	7
2/19/2016	7
2/20/2016	6
2/21/2016	6
2/22/2016	6
2/23/2016	6
2/24/2016	6
2/25/2016	6
2/26/2016	6
2/27/2016	6
2/28/2016	6
2/29/2016	6
3/1/2016	6

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
1/20/2016	13
1/21/2016	14
1/22/2016	13
1/23/2016	13
1/24/2016	14
1/25/2016	14
1/26/2016	13
1/27/2016	13
1/28/2016	13
1/29/2016	13
1/30/2016	13
1/31/2016	14
2/1/2016	13
2/2/2016	13
2/3/2016	13
2/4/2016	13
2/5/2016	13
2/6/2016	12
2/7/2016	13
2/8/2016	13
2/9/2016	13
2/10/2016	13
2/11/2016	14
2/12/2016	13
2/13/2016	13
2/14/2016	13
2/15/2016	14
2/16/2016	14
2/17/2016	14
2/18/2016	14
2/19/2016	15
2/20/2016	14
2/21/2016	14
2/22/2016	13
2/23/2016	14
2/24/2016	13
2/25/2016	13
2/26/2016	13
2/27/2016	13
2/28/2016	13
2/29/2016	13
3/1/2016	13

Turkey Creek at Edison	
6844210	
Date	cfs
1/20/2016	11
1/21/2016	11
1/22/2016	10
1/23/2016	10
1/24/2016	11
1/25/2016	13
1/26/2016	12
1/27/2016	12
1/28/2016	13
1/29/2016	14
1/30/2016	14
1/31/2016	14
2/1/2016	13
2/2/2016	11
2/3/2016	11
2/4/2016	10
2/5/2016	10
2/6/2016	11
2/7/2016	12
2/8/2016	14
2/9/2016	15
2/10/2016	16
2/11/2016	17
2/12/2016	17
2/13/2016	16
2/14/2016	16
2/15/2016	17
2/16/2016	17
2/17/2016	18
2/18/2016	18
2/19/2016	18
2/20/2016	18
2/21/2016	18
2/22/2016	17
2/23/2016	17
2/24/2016	17
2/25/2016	16
2/26/2016	16
2/27/2016	16
2/28/2016	17
2/29/2016	17
3/1/2016	16

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
3/2/2016	4
3/3/2016	4
3/4/2016	4
3/5/2016	4
3/6/2016	4
3/7/2016	4
3/8/2016	4
3/9/2016	4
3/10/2016	4
3/11/2016	4
3/12/2016	4
3/13/2016	4
3/14/2016	4
3/15/2016	4
3/16/2016	4
3/17/2016	4
3/18/2016	4
3/19/2016	4
3/20/2016	4
3/21/2016	4
3/22/2016	4
3/23/2016	4
3/24/2016	4
3/25/2016	4
3/26/2016	4
3/27/2016	4
3/28/2016	4
3/29/2016	4
3/30/2016	4
3/31/2016	4
4/1/2016	4
4/2/2016	4
4/3/2016	4
4/4/2016	4
4/5/2016	4
4/6/2016	4
4/7/2016	4
4/8/2016	4
4/9/2016	4
4/10/2016	5
4/11/2016	5
4/12/2016	5

Muddy Creek at Arapahoe	
6844000	
Date	cfs
3/2/2016	6
3/3/2016	6
3/4/2016	6
3/5/2016	6
3/6/2016	6
3/7/2016	6
3/8/2016	6
3/9/2016	6
3/10/2016	6
3/11/2016	6
3/12/2016	6
3/13/2016	6
3/14/2016	6
3/15/2016	6
3/16/2016	6
3/17/2016	6
3/18/2016	6
3/19/2016	5
3/20/2016	5
3/21/2016	6
3/22/2016	6
3/23/2016	5
3/24/2016	6
3/25/2016	6
3/26/2016	6
3/27/2016	6
3/28/2016	6
3/29/2016	6
3/30/2016	6
3/31/2016	6
4/1/2016	6
4/2/2016	6
4/3/2016	5
4/4/2016	6
4/5/2016	6
4/6/2016	6
4/7/2016	5
4/8/2016	5
4/9/2016	5
4/10/2016	5
4/11/2016	5
4/12/2016	5

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
3/2/2016	13
3/3/2016	13
3/4/2016	13
3/5/2016	13
3/6/2016	13
3/7/2016	13
3/8/2016	13
3/9/2016	13
3/10/2016	13
3/11/2016	12
3/12/2016	12
3/13/2016	13
3/14/2016	13
3/15/2016	13
3/16/2016	12
3/17/2016	12
3/18/2016	13
3/19/2016	12
3/20/2016	12
3/21/2016	13
3/22/2016	13
3/23/2016	13
3/24/2016	14
3/25/2016	14
3/26/2016	13
3/27/2016	13
3/28/2016	13
3/29/2016	13
3/30/2016	13
3/31/2016	13
4/1/2016	13
4/2/2016	13
4/3/2016	13
4/4/2016	13
4/5/2016	13
4/6/2016	13
4/7/2016	13
4/8/2016	13
4/9/2016	13
4/10/2016	14
4/11/2016	13
4/12/2016	13

Turkey Creek at Edison	
6844210	
Date	cfs
3/2/2016	16
3/3/2016	16
3/4/2016	16
3/5/2016	16
3/6/2016	16
3/7/2016	16
3/8/2016	16
3/9/2016	16
3/10/2016	16
3/11/2016	16
3/12/2016	16
3/13/2016	16
3/14/2016	16
3/15/2016	16
3/16/2016	16
3/17/2016	15
3/18/2016	15
3/19/2016	15
3/20/2016	15
3/21/2016	15
3/22/2016	15
3/23/2016	15
3/24/2016	15
3/25/2016	15
3/26/2016	15
3/27/2016	15
3/28/2016	14
3/29/2016	14
3/30/2016	14
3/31/2016	14
4/1/2016	14
4/2/2016	14
4/3/2016	14
4/4/2016	14
4/5/2016	14
4/6/2016	14
4/7/2016	14
4/8/2016	13
4/9/2016	13
4/10/2016	14
4/11/2016	14
4/12/2016	14

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
4/13/2016	5
4/14/2016	5
4/15/2016	5
4/16/2016	5
4/17/2016	25
4/18/2016	52
4/19/2016	11
4/20/2016	6
4/21/2016	5
4/22/2016	5
4/23/2016	5
4/24/2016	4
4/25/2016	4
4/26/2016	4
4/27/2016	6
4/28/2016	6
4/29/2016	5
4/30/2016	6
5/1/2016	5
5/2/2016	5
5/3/2016	5
5/4/2016	4
5/5/2016	4
5/6/2016	4
5/7/2016	4
5/8/2016	4
5/9/2016	4
5/10/2016	4
5/11/2016	5
5/12/2016	4
5/13/2016	4
5/14/2016	4
5/15/2016	4
5/16/2016	4
5/17/2016	4
5/18/2016	4
5/19/2016	4
5/20/2016	4
5/21/2016	4
5/22/2016	4
5/23/2016	8
5/24/2016	4

Muddy Creek at Arapahoe	
6844000	
Date	cfs
4/13/2016	5
4/14/2016	5
4/15/2016	5
4/16/2016	6
4/17/2016	21
4/18/2016	73
4/19/2016	33
4/20/2016	11
4/21/2016	8
4/22/2016	7
4/23/2016	6
4/24/2016	6
4/25/2016	6
4/26/2016	6
4/27/2016	7
4/28/2016	8
4/29/2016	23
4/30/2016	36
5/1/2016	35
5/2/2016	33
5/3/2016	26
5/4/2016	36
5/5/2016	31
5/6/2016	19
5/7/2016	6
5/8/2016	6
5/9/2016	6
5/10/2016	6
5/11/2016	6
5/12/2016	6
5/13/2016	6
5/14/2016	5
5/15/2016	5
5/16/2016	6
5/17/2016	6
5/18/2016	6
5/19/2016	6
5/20/2016	6
5/21/2016	6
5/22/2016	6
5/23/2016	6
5/24/2016	11

Turkey Creek at Furnas-Gosper County Line	
231700	
Date	cfs
4/13/2016	13
4/14/2016	13
4/15/2016	13
4/16/2016	14
4/17/2016	34
4/18/2016	30
4/19/2016	19
4/20/2016	16
4/21/2016	16
4/22/2016	15
4/23/2016	14
4/24/2016	14
4/25/2016	14
4/26/2016	14
4/27/2016	18
4/28/2016	21
4/29/2016	16
4/30/2016	20
5/1/2016	19
5/2/2016	16
5/3/2016	15
5/4/2016	15
5/5/2016	15
5/6/2016	14
5/7/2016	14
5/8/2016	14
5/9/2016	15
5/10/2016	15
5/11/2016	15
5/12/2016	15
5/13/2016	14
5/14/2016	13
5/15/2016	13
5/16/2016	14
5/17/2016	15
5/18/2016	14
5/19/2016	13
5/20/2016	14
5/21/2016	14
5/22/2016	14
5/23/2016	19
5/24/2016	16

Turkey Creek at Edison	
6844210	
Date	cfs
4/13/2016	14
4/14/2016	14
4/15/2016	14
4/16/2016	16
4/17/2016	27
4/18/2016	37
4/19/2016	24
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4/25/2016	15
4/26/2016	15
4/27/2016	18
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4/29/2016	17
4/30/2016	18
5/1/2016	21
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5/3/2016	16
5/4/2016	16
5/5/2016	15
5/6/2016	14
5/7/2016	14
5/8/2016	14
5/9/2016	15
5/10/2016	15
5/11/2016	16
5/12/2016	15
5/13/2016	14
5/14/2016	14
5/15/2016	14
5/16/2016	14
5/17/2016	15
5/18/2016	14
5/19/2016	14
5/20/2016	14
5/21/2016	14
5/22/2016	14
5/23/2016	18
5/24/2016	17

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
5/25/2016	4
5/26/2016	4
5/27/2016	5
5/28/2016	6
5/29/2016	9
5/30/2016	10
5/31/2016	6
6/1/2016	5
6/2/2016	4
6/3/2016	4
6/4/2016	4
6/5/2016	4
6/6/2016	4
6/7/2016	4
6/8/2016	4
6/9/2016	4
6/10/2016	4
6/11/2016	4
6/12/2016	4
6/13/2016	4
6/14/2016	4
6/15/2016	3
6/16/2016	3
6/17/2016	3
6/18/2016	4
6/19/2016	7
6/20/2016	4
6/21/2016	4
6/22/2016	3
6/23/2016	3
6/24/2016	3
6/25/2016	3
6/26/2016	3
6/27/2016	4
6/28/2016	4
6/29/2016	4
6/30/2016	16
7/1/2016	4
7/2/2016	4
7/3/2016	4
7/4/2016	4
7/5/2016	3

Muddy Creek at Arapahoe	
6844000	
Date	cfs
5/25/2016	7
5/26/2016	7
5/27/2016	7
5/28/2016	8
5/29/2016	9
5/30/2016	17
5/31/2016	10
6/1/2016	8
6/2/2016	7
6/3/2016	7
6/4/2016	6
6/5/2016	6
6/6/2016	6
6/7/2016	6
6/8/2016	6
6/9/2016	6
6/10/2016	6
6/11/2016	6
6/12/2016	6
6/13/2016	6
6/14/2016	6
6/15/2016	6
6/16/2016	6
6/17/2016	6
6/18/2016	6
6/19/2016	9
6/20/2016	10
6/21/2016	7
6/22/2016	6
6/23/2016	6
6/24/2016	6
6/25/2016	5
6/26/2016	6
6/27/2016	7
6/28/2016	7
6/29/2016	6
6/30/2016	13
7/1/2016	24
7/2/2016	7
7/3/2016	8
7/4/2016	7
7/5/2016	6

Turkey Creek at Furnas- Gosper County Line	
231700	
Date	cfs
5/25/2016	15
5/26/2016	16
5/27/2016	46
5/28/2016	324
5/29/2016	35
5/30/2016	20
5/31/2016	20
6/1/2016	19
6/2/2016	18
6/3/2016	18
6/4/2016	17
6/5/2016	17
6/6/2016	17
6/7/2016	17
6/8/2016	16
6/9/2016	16
6/10/2016	16
6/11/2016	15
6/12/2016	15
6/13/2016	15
6/14/2016	14
6/15/2016	14
6/16/2016	13
6/17/2016	13
6/18/2016	12
6/19/2016	12
6/20/2016	11
6/21/2016	11
6/22/2016	11
6/23/2016	10
6/24/2016	10
6/25/2016	9
6/26/2016	8
6/27/2016	8
6/28/2016	8
6/29/2016	8
6/30/2016	11
7/1/2016	11
7/2/2016	9
7/3/2016	9
7/4/2016	8
7/5/2016	8

Turkey Creek at Edison	
6844210	
Date	cfs
5/25/2016	15
5/26/2016	15
5/27/2016	21
5/28/2016	486
5/29/2016	91
5/30/2016	28
5/31/2016	23
6/1/2016	23
6/2/2016	20
6/3/2016	18
6/4/2016	18
6/5/2016	17
6/6/2016	17
6/7/2016	17
6/8/2016	17
6/9/2016	17
6/10/2016	17
6/11/2016	16
6/12/2016	16
6/13/2016	17
6/14/2016	16
6/15/2016	16
6/16/2016	16
6/17/2016	14
6/18/2016	14
6/19/2016	15
6/20/2016	14
6/21/2016	14
6/22/2016	14
6/23/2016	14
6/24/2016	14
6/25/2016	13
6/26/2016	13
6/27/2016	13
6/28/2016	13
6/29/2016	13
6/30/2016	29
7/1/2016	20
7/2/2016	18
7/3/2016	16
7/4/2016	16
7/5/2016	16

APPENDIX-1, DAILY DISCHARGE OF STREAMS IN CUBIC FEET PER SECOND
ANNUAL REPORT FOR THE TRI-BASIN REPUBLICAN RIVER BASIN INTEGRATED MANAGEMENT PLAN

Muddy Creek at Gosper County Line	
224600	
Date	cfs
7/6/2016	4
7/7/2016	4
7/8/2016	3
7/9/2016	3
7/10/2016	3
7/11/2016	3
7/12/2016	3
7/13/2016	3
7/14/2016	3
7/15/2016	3
7/16/2016	3
7/17/2016	3
7/18/2016	3
7/19/2016	3
7/20/2016	3
7/21/2016	3
7/22/2016	3
7/23/2016	3
7/24/2016	3
7/25/2016	2
7/26/2016	2
7/27/2016	2
7/28/2016	2
7/29/2016	2
7/30/2016	2
7/31/2016	2
8/1/2016	2
8/2/2016	2
8/3/2016	2
8/4/2016	2
8/5/2016	2
8/6/2016	2
8/7/2016	2
8/8/2016	2
8/9/2016	2

Muddy Creek at Arapahoe	
6844000	
Date	cfs
7/6/2016	7
7/7/2016	7
7/8/2016	6
7/9/2016	6
7/10/2016	6
7/11/2016	5
7/12/2016	5
7/13/2016	5
7/14/2016	5
7/15/2016	6
7/16/2016	6
7/17/2016	6
7/18/2016	6
7/19/2016	6
7/20/2016	6
7/21/2016	6
7/22/2016	6
7/23/2016	6
7/24/2016	6
7/25/2016	5
7/26/2016	5
7/27/2016	5
7/28/2016	5
7/29/2016	5
7/30/2016	5
7/31/2016	5
8/1/2016	5
8/2/2016	5
8/3/2016	5
8/4/2016	5
8/5/2016	6
8/6/2016	4
8/7/2016	4
8/8/2016	5
8/9/2016	4

Turkey Creek at Furnas- Gosper County Line	
231700	
Date	cfs
7/6/2016	7
7/7/2016	7
7/8/2016	7
7/9/2016	6
7/10/2016	6
7/11/2016	5
7/12/2016	4
7/13/2016	3
7/14/2016	3
7/15/2016	3
7/16/2016	4
7/17/2016	5
7/18/2016	8
7/19/2016	7
7/20/2016	7
7/21/2016	7
7/22/2016	7
7/23/2016	5
7/24/2016	6
7/25/2016	5
7/26/2016	5
7/27/2016	6
7/28/2016	20
7/29/2016	6
7/30/2016	6
7/31/2016	5
8/1/2016	5
8/2/2016	5
8/3/2016	4
8/4/2016	4
8/5/2016	3
8/6/2016	3
8/7/2016	4
8/8/2016	3
8/9/2016	3

Turkey Creek at Edison	
6844210	
Date	cfs
7/6/2016	16
7/7/2016	16
7/8/2016	15
7/9/2016	14
7/10/2016	14
7/11/2016	14
7/12/2016	13
7/13/2016	12
7/14/2016	12
7/15/2016	11
7/16/2016	12
7/17/2016	25
7/18/2016	13
7/19/2016	12
7/20/2016	12
7/21/2016	12
7/22/2016	11
7/23/2016	10
7/24/2016	10
7/25/2016	10
7/26/2016	10
7/27/2016	9
7/28/2016	18
7/29/2016	16
7/30/2016	11
7/31/2016	9
8/1/2016	9
8/2/2016	9
8/3/2016	9
8/4/2016	8
8/5/2016	8
8/6/2016	7
8/7/2016	8
8/8/2016	8
8/9/2016	8