

Coachella Valley Integrated Regional Water Management 2015 IRWM Implementation Grant Proposal Authorization and Eligibility Requirements – Surface Water Diverter Compliance

Surface Water Diverter Compliance

Coachella Valley Water District (CVWD) is the only surface water diverter that would receive funding from the proposed grant. Coachella Water Authority, Desert Water Agency, Mission Springs Water District, and Torres-Martinez DCI are not surface water diverters. CVWD has three appropriate surface water applications that are permitted, including:

- Whitewater River
- Colorado River
- Tributary Creeks, including: Andreas Canyon Creek, Falls Creek, Murray Canyon Creek, Palm Canyon Creek, Snow Creek Tahquitz Creek, and Whitewater River

CVWD submitted a surface water diversion report to DWR on July 2, 2008, which is in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC. However, CVWD has not and will not submit a report for any years since 2007 because it is “Inactive” as declared in the Electronic Water Rights Information Management System (eWRIMS) database on September 1, 2011.

Appendix 1-5 includes documentation of CVWD’s inactive status per the eWRIMS database, as well as current Water Rights Progress Reports filed by CVWD in June 2014 for calendar year 2013.

Contact information for CVWD for surface water diverter information is as follows:

- Contact: Patti Reyes
- Phone Number: (760) 398-2661
- Email Address: preyes@cvwd.org



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[SUMMARY OF FINAL SUBMITTED VERSION]

PROGRESS REPORT BY PERMITTEE FOR 2013

Primary Owner: COACHELLA VALLEY WATER DISTRICT
 Primary Contact: COACHELLA VALLEY WATER DISTRICT

Date Submitted: 2014-06-25

Application Number: A001122
 Permit Number: 000536

Source(s) of Water	POD Parcel Number	County
WHITEWATER RIVER		Riverside
WHITEWATER RIVER		Riverside

MAX Direct Diversion Rate: 400.0 CFS
 MAX Collection to Storage: 0.0 AC-FT
 Face Value: 289591.0 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0.0	01/01 to 12/31	
Irrigation	25000.0	01/01 to 12/31	

1. Permit Review	
I have reviewed my water right permit	Yes

2. Compliance with Permit Terms and Conditions	
I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project	
Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status	
Project Status	Not Complete
6a. Construction work has commenced	Yes
6b. Construction is completed	No
6c. Beneficial uses of water has commenced	Yes
6d. Project will be completed within the time period specified in the permit	No

6e. Explanation of work remaining to be done	The water spreading works are of such nature that routine and continuing construction is needed to repair and build dikes, smooth land, etc. to force water underground.
6f. Estimated date of completion	12/31/2099

7. Purpose of Use	
Domestic	groundwater recharge for population 350,000
Dust Control	included in irrigation
Irrigation	2000 Acres Mixed Crop Types
Stockwatering	included in irrigation
Fish Culture	included in irrigation

8. Amount of Water Diverted and Used		
Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	896	896
February	721	721
March	823	823
April	695	695
May	425	425
June	330	330
July	235	235
August	449	449
September	464	464
October	479	479
November	465	465
December	481	481
Total	6463	6463
Comments		

9. Maximum Rate of Diversion for each Month	
Month	Maximum Rate of Diversion (CFS)
January	14.6
February	13
March	13.4
April	11.7
May	6.9
June	5.6
July	3.8
August	7.6
September	7.8
October	7.8
November	7.8
December	7.8

10. Storage	

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water	
11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Tiered rates, landscape ordinance, lanscape manual, public education, and extraordinary conservation measures.
12. Amount of water conserved	

Water Quality and Wastewater Reclamation	
13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water	
15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
16. Amounts of groundwater used	

Additional Remarks
See attached table "Water Rights Permits Annual Water Diversions" for calculation of diversions and flow rates.

Attachments		
File Name	Description	Size
Water Rights Permits Annual Water Diversions.pdf		24 KB

Contact Information of the Person Submitting the Form	
First Name	Ivory
Last Name	Reyburn
Relation to Water Right	Primary Owner of Record
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

FILE 0642.3
June 26, 2014

COACHELLA VALLEY WATER DISTRICT
SUMMARY OF MONTHLY FLOWS IN ACRE FEET (AF)
RIVERS AND CREEKS
WATER RIGHTS APPLICATIONS A001122, A002922, A007483
(WATER RIGHTS PERMITS 536, 3011, 7650)

CALENDAR YEAR 2013

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	DIVERSIONS FROM CREEKS (8)	DIVERSIONS FROM WHITEWATER RIVER (9)	DIVERSIONS FROM COLORADO RIVER (10)
JANUARY	26	104	0	10.9	40	208	390	896	17,345
FEBRUARY	32	107	0	11.3	30	167	347	721	19,993
MARCH	46	114	0	12.0	13	92	277	823	26,925
APRIL	22	88	0	9.3	7	22	148	695	31,959
MAY	2	52	0	5.5	13	56	128	425	35,336
JUNE	0	20	0	2.1	7	21	50	330	35,299
JULY	11	26	36	3.3	11	91	178	235	35,528
AUGUST	39	75	12	7.0	6	161	300	449	34,905
SEPTEMBER	55	148	208	19.3	28	274	732	464	29,258
OCTOBER	8	73	1	7.6	12	118	219	479	28,212
NOVEMBER	10	67	1	7.0	16	74	175	465	27,872
DECEMBER	17	70	5	6.9	14	104	217	481	22,972
TOTAL	268	944	263	102.1	196	1,389	3,162	6,461	345,604

Columns (2-4), (6), (7): USGS provisional data sheets (acre-feet per month).
 Column (5): Flows calculated based on factor derived from analysis of drainage areas in Andreas, Palm, and Murray Canyons.
 Column (8): Total of Columns (2-7).
 Column (9): USGS provisional discharge data (AF) Station # 10256000, Whitewater River at Whitewater above MWD turnout.
 Column (10): 2012 Colorado River Accounting and Water Use Report, Arizona, California and Nevada,
<http://www.usbr.gov/lc/region/g4000/wtracct.html>. Table of "Diversions From Mainstream-Available Return Flow And
 Consumptive Use of Such Water Calendar Year 2013 State of California.

FILE 0642.3
June 26, 2014

COACHELLA VALLEY WATER DISTRICT
SUMMARY OF MONTHLY MAX DIVERSION RATE (CFS)
RIVERS AND CREEKS
WATER RIGHTS APPLICATIONS A001122, A002922, A007483
(WATER RIGHTS PERMITS 536, 3011, 7650)

CALENDAR YEAR 2013

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	CREEKS MONTHLY MAX DIV TOTAL (8)	WHITewater RIVER MONTHLY MAX DIV TOTAL (9)	COLORADO RIVER MONTHLY MAX DIV TOTAL (10)
JANUARY	1.1	3.9	0.0	0.4	2.6	13.0	20.6	14.6	282.6
FEBRUARY	0.8	2.7	0.0	0.3	0.7	4.6	8.7	13.0	360.6
MARCH	1.1	2.2	0.0	0.2	0.6	4.4	8.3	13.4	438.7
APRIL	0.8	2.1	0.0	0.2	0.2	0.7	3.8	11.7	538.0
MAY	0.1	0.9	0.0	0.1	0.3	3.5	4.8	6.9	575.7
JUNE	0.0	0.6	0.0	0.1	0.2	0.5	1.2	5.6	594.3
JULY	5.2	0.9	18.0	1.8	1.4	7.3	32.8	3.8	578.8
AUGUST	4.5	1.0	3.9	0.3	0.1	5.3	14.8	7.6	568.7
SEPTEMBER	15.0	26.0	74.0	6.5	6.6	26.0	147.6	7.8	492.6
OCTOBER	0.4	1.9	0.3	0.2	0.5	3.0	6.0	7.8	459.6
NOVEMBER	0.3	1.4	0.0	0.1	0.3	3.1	5.1	7.8	469.2
DECEMBER	0.3	1.3	0.2	0.1	0.5	3.1	5.4	7.8	374.3
TOTAL	29.5	44.9	96.4	10.4	13.9	74.5	259.2	107.9	5,733.1

Columns (2-7): USGS provisional data MAX monthly flow (cfs).

Column (8): Total of Columns (2-7).

Columns (9): USGS provisional discharge data (cfs) Station # 10256000, Whitewater at Whitewater above the MWD turnout.
Column (10): 2012 Colorado River Accounting and Water Use Report, Arizona, California and Nevada,
<http://www.usbr.gov/lc/region/g4000/wtracct.html>. Table of "Divisions From Mainstream-Available Return Flow And Consumptive Use of Such Water Calendar Year 2013 State of California.

[SUMMARY OF FINAL SUBMITTED VERSION]

PROGRESS REPORT BY PERMITTEE FOR 2013

Primary Owner: COACHELLA VALLEY WATER DISTRICT
 Primary Contact: COACHELLA VALLEY WATER DISTRICT

Date Submitted: 2014-06-25

Application Number: A007483
 Permit Number: 007650

Source(s) of Water	POD Parcel Number	County
COLORADO RIVER		Imperial

MAX Direct Diversion Rate: 2000.0 CFS
 MAX Collection to Storage: 0.0 AC-FT
 Face Value: 1447955.0 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic		01/01 to 12/31	
Irrigation	161153.9	01/01 to 12/31	

1. Permit Review	
I have reviewed my water right permit	Yes

2. Compliance with Permit Terms and Conditions	
I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project	
Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status	
Project Status	Not Complete
6a. Construction work has commenced	Yes
6b. Construction is completed	No
6c. Beneficial uses of water has commenced	Yes
6d. Project will be	

completed within the time period specified in the permit	No
6e. Explanation of work remaining to be done	CVWD's Colorado River delivery system is comprised of the Coachella Branch of the All-American Canal (Coachella Canal - 123 miles), Protective Works (Flood Protection Dikes and Channels), Irrigation Distribution System (Subsurface Pipelines - 485 miles), Terminal Reservoir (Lake Cahuilla) and Groundwater Recharge Facility (Thomas E. Levy Groundwater Replenishment Facility). These facilities require continuing construction, reconstruction and maintenance, and in that sense, the Project is not complete.
6f. Estimated date of completion	12/31/2099

7. Purpose of Use	
Domestic	groundwater recharge for population 175,000
Fish and Wildlife Protection and/or Enhancement	56 wildlife drinkers and wildlife habitat water supply
Dust Control	included in irrigation
Irrigation	67500 Acres Mixed Crop Types
Stockwatering	included in irrigation
Fish Culture	included in irrigation

8. Amount of Water Diverted and Used		
Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	17345	17345
February	19993	19993
March	26925	26925
April	31959	31959
May	35336	35336
June	35299	35299
July	35528	35528
August	34905	34905
September	29258	29258
October	28212	28212
November	27872	27872
December	22972	22972
Total	345604	345604
Comments		

9. Maximum Rate of Diversion for each Month	
Month	Maximum Rate of Diversion (CFS)
January	282.6
February	360.6
March	438.7
April	538
May	575.7
June	594.3

July	578.8
August	568.7
September	492.6
October	459.6
November	469.2
December	374.3

10. Storage					
Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water	
11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Tiered rates, landscape ordinance, landscapre manual, public education, and extraordinary conservation measures.
12. Amount of water conserved	

Water Quality and Wastewater Reclamation	
13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water	
15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
16. Amounts of groundwater used	

Additional Remarks

Attachments		
File Name	Description	Size
Letter to SWRCB-06-27-13.pdf	Letter to SWRCB regarding Permit #7650	47 KB
Water Rights Permits Annual Water Diversions.pdf		24 KB

Contact Information of the Person Submitting the Form	
First Name	Ivory
Last Name	Reyburn
Relation to Water Right	Primary Owner of Record
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

FILE 0642.3
June 26, 2014

COACHELLA VALLEY WATER DISTRICT
SUMMARY OF MONTHLY FLOWS IN ACRE FEET (AF)
RIVERS AND CREEKS

WATER RIGHTS APPLICATIONS A001122, A002922, A007483
(WATER RIGHTS PERMITS 536, 3011, 7650)

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TOTAL	268	944	263	102.1	196	1,389	3,162	6,461	345,604

Columns (2-4), (6), (7): USGS provisional data sheets (acre-feet per month).
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 Consumptive Use of Such Water Calendar Year 2013 State of California.

FILE 0642.3
June 26, 2016

COACHELLA VALLEY WATER DISTRICT
SUMMARY OF MONTHLY MAX DIVERSION RATE (CFS)
RIVERS AND CREEKS
WATER RIGHTS APPLICATIONS A001122, A002922, A007483
(WATER RIGHTS PERMITS 536, 3011, 7650)

CALENDAR YEAR 2013

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	CREEKS MONTHLY MAX DIV TOTAL (8)	WHITEWATER RIVER MONTHLY MAX DIV TOTAL (9)	COLORADO RIVER MONTHLY MAX DIV TOTAL (10)
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MAY	0.1	0.9	0.0	0.1	0.3	3.5	4.8	6.9	575.7
JUNE	0.0	0.6	0.0	0.1	0.2	0.5	1.2	5.6	594.3
JULY	5.2	0.9	18.0	1.8	1.4	7.3	32.8	3.8	578.8
AUGUST	4.5	1.0	3.9	0.3	0.1	5.3	14.8	7.6	568.7
SEPTEMBER	15.0	26.0	74.0	6.5	6.6	26.0	147.6	7.8	492.6
OCTOBER	0.4	1.9	0.3	0.2	0.5	3.0	6.0	7.8	459.6
NOVEMBER	0.3	1.4	0.0	0.1	0.3	3.1	5.1	7.8	469.2
DECEMBER	0.3	1.3	0.2	0.1	0.5	3.1	5.4	7.8	374.3
TOTAL	29.5	44.9	96.4	10.4	13.9	74.5	259.2	107.9	5733.1

Columns (2-7): USGS provisional data MAX monthly flow (cfs).

Column (8): Total of Columns (2-7).

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<http://www.usbr.gov/lc/region/g4000/wtracct.html>. Table of "Divisions From Mainstream-Available Return Flow And Consumptive Use of Such Water Calendar Year 2013 State of California.

Appendix 1-5

LAW OFFICES

REDWINE AND SHERRILL

A Partnership

EARL REDWINE (1894 - 1967)
MAURICE C. SHERRILL (1922 - 1999)
JUSTIN M. McCARTHY (1926 - 2004)
THOMAS E. BRUYNEEL (1942 - 2006)

GERALD D. SHOAF
GERALD W. EAGANS
GILBERT J. GRANITO
STEVEN B. ABBOTT
SCOTT R. HEIL
JULIANNA K. STRONG

ROBERT T. ANDERSEN, JR.
DENNIS K. HASTY
M. ELI UNDERWOOD

1950 MARKET STREET
RIVERSIDE, CALIFORNIA 92501-1720
AREA CODE 951
TELEPHONE 684-2520
FAX 684-9583

13611 WINTHROPE STREET
SANTA ANA, CALIFORNIA 92705-2705
AREA CODE 714
TELEPHONE 832-2256
FAX 832-1719

REPLY TO: Riverside Office

June 27, 2013

Mr. James W. Kassel
Assistant Deputy Director
Division of Water Rights
State Water Resources Control Board
1001 "I" St.
Sacramento, CA 95814

RE: Permit 7650 (Application A007483), Diversion of Water from
Colorado River

Redwine and Sherrill File 300.24.7.5

Dear Mr. Kassel:

This firm is General Counsel to the Coachella Valley Water District (CVWD). Please be advised that CVWD will submit the Annual Use Reports and will continue to pay the permit fees under protest as it has been doing since the inception of the fees. The reason for the payment under protest is described below:

CVWD diverts water from the Colorado River pursuant to a Contract with the United States Federal Government as authorized by Congress in the 1928 Boulder Canyon Project Act. The Colorado River is an interstate stream subject to federal rather than state jurisdiction and, for that reason, it is CVWD's position that the State Water Resources Control Board (State Board) has no jurisdiction over diversions from the Colorado River or the use of water diverted thereby. See California Water Code section 1005.

Nevertheless, as a matter of comity, CVWD historically applied for and received a permit for diversion of Colorado River water from the State Board. CVWD will file the annual use reports electronically and pay the filing fee under protest.

Appendix 1-5

Mr. James W. Kassel
Assistant Deputy Director
Division of Water Rights
State Water Resources Control Board
June 27, 2013
Page 2

CVWD's Colorado River delivery system is comprised of the Coachella Branch of the All-American Canal (Coachella Canal-123 miles), Protective Works (Flood Protection Dikes & Channels), Irrigation Distribution System (Subsurface Pipelines-485 miles), Terminal Reservoir (Lake Cahuilla) and Groundwater Recharge Facility (Thomas E. Levy Groundwater Recharge Facility). These facilities require continuing construction, reconstruction and maintenance and, in that sense, the "Project" is not complete, as is indicated in CVWD's response to Questions 5 and 6 of Part 2 of the Report.

Please feel free to call or email me if you need further information.

Very truly yours,

REDWINE AND SHERRILL

By 
Gerald D. Shoaf

GDS/jd

[SUMMARY OF FINAL SUBMITTED VERSION]

PROGRESS REPORT BY PERMITTEE FOR 2013

Primary Owner: COACHELLA VALLEY WATER DISTRICT
 Primary Contact: COACHELLA VALLEY WATER DISTRICT

Date Submitted: 2014-06-25

Application Number: A002922
 Permit Number: 003011

Source(s) of Water	POD Parcel Number	County
ANDREAS CANYON CREEK		Riverside
FALLS CREEK		Riverside
MURRAY CANYON CREEK		Riverside
PALM CANYON CREEK		Riverside
SNOW CREEK		Riverside
TAHQUITZ CREEK		Riverside
WHITEWATER RIVER		Riverside

MAX Direct Diversion Rate: 0.0 GPD
 MAX Collection to Storage: 39000.0 AC-FT
 Face Value: 39000.0 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0.0		01/01 to 12/31
Irrigation	25000.0		01/01 to 12/31

1. Permit Review	
I have reviewed my water right permit	Yes

2. Compliance with Permit Terms and Conditions	
I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project	
Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status	
Project Status	Not Complete
6a. Construction work has commenced	Yes

6b. Construction is completed	No
6c. Beneficial uses of water has commenced	Yes
6d. Project will be completed within the time period specified in the permit	No
6e. Explanation of work remaining to be done	The water spreading works are of such nature that routine and continuing construction is needed to repair and build dikes, smooth land, etc. to force water underground.
6f. Estimated date of completion	12/31/2099

7. Purpose of Use	
Domestic	groundwater recharge for population 350,000
Dust Control	included in irrigation
Irrigation	2000 Acres Mixed Crop Types
Stockwatering	included in irrigation
Fish Culture	included in irrigation

8. Amount of Water Diverted and Used		
Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	390	390
February	347	347
March	277	277
April	148	148
May	128	128
June	50	50
July	178	178
August	300	300
September	732	732
October	219	219
November	175	175
December	217	217
Total	3161	3161
Comments		

9. Maximum Rate of Diversion for each Month	
Month	Maximum Rate of Diversion (CFS)
January	20.6
February	8.7
March	8.3
April	3.8
May	4.8
June	1.2
July	32.8
August	14.8

September	147.6
October	6
November	5.1
December	5.4

10. Storage					
Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level
Whitewater River (Indio) Subbasin	No	0	No	0	not applicable for groundwater basin

Conservation of Water	
11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Tiered rates, landscape ordinance, landscape manual, public education, and extraordinary conservation measures.
12. Amount of water conserved	

Water Quality and Wastewater Reclamation	
13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water	
15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
16. Amounts of groundwater used	

Additional Remarks
See attached table "Water Rights Permits Annual Water Diversions" for calculation of diversions and flow rates.

Attachments		
File Name	Description	Size
Water Rights Permits Annual Water Diversions.pdf		24 KB

Contact Information of the Person Submitting the Form	
First Name	Ivory
Last Name	Reyburn
Relation to Water Right	Primary Owner of Record
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

FILE 0642.3
June 26, 2014

COACHELLA VALLEY WATER DISTRICT
SUMMARY OF MONTHLY FLOWS IN ACRE FEET (AF)
RIVERS AND CREEKS
WATER RIGHTS APPLICATIONS A001122, A002922, A007483
(WATER RIGHTS PERMITS 536, 3011, 7650)

CALENDAR YEAR 2013

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	DIVERSIONS FROM CREEKS (8)	DIVERSIONS FROM WHITWATER RIVER (9)	DIVERSIONS FROM COLORADO RIVER (10)
JANUARY	26	104	0	10.9	40	208	390	896	17,345
FEBRUARY	32	107	0	11.3	30	167	347	721	19,993
MARCH	46	114	0	12.0	13	92	277	823	26,925
APRIL	22	88	0	9.3	7	22	148	695	31,959
MAY	2	52	0	5.5	13	56	128	425	35,336
JUNE	0	20	0	2.1	7	21	50	330	35,299
JULY	11	26	36	3.3	11	91	178	235	35,528
AUGUST	39	75	12	7.0	6	161	300	449	34,905
SEPTEMBER	55	148	208	19.3	28	274	732	464	29,258
OCTOBER	8	73	1	7.6	12	118	219	479	28,212
NOVEMBER	10	67	1	7.0	16	74	175	465	27,872
DECEMBER	17	70	5	6.9	14	104	217	481	22,972
TOTAL	268	944	263	102.1	196	1,389	3,162	6,461	345,604

Columns (2-4), (6), (7): USGS provisional data sheets (acre-feet per month).
 Column (5): Flows calculated based on factor derived from analysis of drainage areas in Andreas, Palm, and Murray Canyons.
 Column (8): Total of Columns (2-7).
 Column (9): USGS provisional discharge data (AF) Station # 10256000, Whitewater River at Whitewater above MWD turnout.
 Column (10): 2012 Colorado River Accounting and Water Use Report, Arizona, California and Nevada,
<http://www.usbr.gov/lc/region/g4000/wtracct.html>. Table of "Diversions From Mainstream-Available Return Flow And Consumptive Use of Such Water Calendar Year 2013 State of California."

FILE 0642.3
June 26, 2014

COACHELLA VALLEY WATER DISTRICT
SUMMARY OF MONTHLY MAX DIVERSION RATE (CFS)
RIVERS AND CREEKS
WATER RIGHTS APPLICATIONS A001122, A002922, A007483
(WATER RIGHTS PERMITS 536, 3011, 7650)

CALENDAR YEAR 2013

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	CREEKS MONTHLY MAX DIV TOTAL (8)	WHITEWATER RIVER MONTHLY MAX DIV TOTAL (9)	COLORADO RIVER MONTHLY MAX DIV TOTAL (10)
JANUARY	1.1	3.9	0.0	0.4	2.6	13.0	20.6	14.6	282.6
FEBRUARY	0.8	2.7	0.0	0.3	0.7	4.6	8.7	13.0	360.6
MARCH	1.1	2.2	0.0	0.2	0.6	4.4	8.3	13.4	438.7
APRIL	0.8	2.1	0.0	0.2	0.2	0.7	3.8	11.7	538.0
MAY	0.1	0.9	0.0	0.1	0.3	3.5	4.8	6.9	575.7
JUNE	0.0	0.6	0.0	0.1	0.2	0.5	1.2	5.6	594.3
JULY	5.2	0.9	18.0	1.8	1.4	7.3	32.8	3.8	578.8
AUGUST	4.5	1.0	3.9	0.3	0.1	5.3	14.8	7.6	568.7
SEPTEMBER	15.0	26.0	74.0	6.5	6.6	26.0	147.6	7.8	492.6
OCTOBER	0.4	1.9	0.3	0.2	0.5	3.0	6.0	7.8	459.6
NOVEMBER	0.3	1.4	0.0	0.1	0.3	3.1	5.1	7.8	469.2
DECEMBER	0.3	1.3	0.2	0.1	0.5	3.1	5.4	7.8	374.3
TOTAL	29.5	44.9	96.4	10.4	13.9	74.5	259.2	107.9	5733.1

Columns (2-7): USGS provisional data MAX monthly flow (cfs).

Column (8): Total of Columns (2-7).

Columns (9): USGS provisional discharge data (cfs) Station # 10256000, Whitewater at Whitewater above the MWD turnout.
Column (10): 2012 Colorado River Accounting and Water Use Report, Arizona, California and Nevada,
<http://www.usbr.gov/lc/region/g4000/wrtracct.html>. Table of "Divisions From Mainstream-Available Return Flow And Consumptive Use of Such Water Calendar Year 2013 State of California.

