

Appendix 1-10

Surface Water Diverter Compliance Documentation

[FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2010

Primary Owner: City Of Santa Barbara
 Statement Number: S020014
 Date Submitted: 2013-06-27

1. Water is used under	Pre-1914 Claim
2. Year of first use	1911

3-4. Maximum Rate of Diversion for each Month and Amount of Water Diverted and Used			
Month	Rate of diversion (CFS)	Amount directly diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0
Total		0	0
Comments	No diversions occurred during 2010 due to lack of available water in Devil's Canyone Creek or operational constraints.		

5. Water Diversion Measurement	
a. Measurement	Water directly diverted and/or diverted to storage was measured
b. Types of measuring devices used	Weir Other: V-notch weir is lowered into Devil's Canyon Creek to measure creek flow. If flow is sufficient, water then is diverted from a pool upstream of weir into a 12" pipeline. Diversion rates are estimated based on conveyance capacity of the diversion pipeline.
c. Description of additional technology used	
d. Who installed your measuring device(s)	Licensed Civil or Agricultural Engineer
e. Make, model number, and last calibration date of your measuring device(s)	
f. Why direct measurement using a device listed in Section 1 is "not locally cost effective"	Diversion is small or minimal in size Diversions are infrequent
Explanation of why use of devices and technologies listed	Diversions are infrequent and never exceed 2.5 cfs.

	in Section 1 are "not locally cost effective"	
	Method(s) used as an alternative to direct measurement	
g.	Explanation of method(s) used as an alternative to direct measurement	

6. Purpose of Use	
Other	Municipal

7. Changes in Method of Diversion	
None.	

8. Conservation of Water	
	Are you now employing water conservation efforts? Yes
a.	Describe any water conservation efforts you have initiated Best Management Practices set forth by California Urban Water Conservation Council
	Amount of water conserved 2300 Acre-Feet
b.	I have data to support the above surface water use reductions due to conservation efforts. Yes

9. Water Quality and Wastewater Reclamation	
a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes? Yes
	Amount of reduced diversion 237 Acre-Feet
b.	Type of substitute water supply Recycled Water
	Amount of substitute water supply used 237 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply Yes

10. Conjunctive Use of Surface Water and Groundwater	
a.	Are you now using groundwater in lieu of surface water? Yes
	Amount of groundwater used 1191 Acre-Feet
b.	I have data to support the above surface water use reductions due to the use of groundwater. Yes

11a. Additional Remarks	

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Kelley

[FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2011

Primary Owner: City Of Santa Barbara
 Statement Number: S020014
 Date Submitted: 2013-06-27

1. Water is used under	Pre-1914 Claim
2. Year of first use	1911

3-4. Maximum Rate of Diversion for each Month and Amount of Water Diverted and Used			
Month	Rate of diversion (CFS)	Amount directly diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	2.5	92.1	92.1
February	0.5	16.3	16.3
March	2.5	14.6	14.6
April	2.5	60.7	60.7
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0
Total		183.7	183.7
Comments			

5. Water Diversion Measurement	
a. Measurement	Water directly diverted and/or diverted to storage was measured
b. Types of measuring devices used	Weir Other: V-notch weir is lowered into Devil's Canyon Creek to measure creek flow. If flows is sufficient, water then is diverted from a pool upstream of weir into a 12" pipeline. Diversion rates are estimated based on conveyance capacity of the diversion pipeline.
c. Description of additional technology used	
d. Who installed your measuring device(s)	Licensed Civil or Agricultural Engineer
e. Make, model number, and last calibration date of your measuring device(s)	
f. Why direct measurement using a device listed in Section 1 is "not locally cost effective"	Diversion is small or minimal in size Diversion are infrequent
Explanation of why use of devices and technologies listed in Section 1 are "not locally cost	Diversion are infrequent and never exceed 2.5 cfs.

	effective"	
	Method(s) used as an alternative to direct measurement	
9.	Explanation of method(s) used as an alternative to direct measurement	

6. Purpose of Use	
Other	Municipal

7. Changes in Method of Diversion
None.

8. Conservation of Water		
a.	Are you now employing water conservation efforts?	Yes
	Describe any water conservation efforts you have initiated	Best Management Practices set forth by the California Urban Water Conservation Council
	Amount of water conserved	2300 Acre-Feet
b.	I have data to support the above surface water use reductions due to conservation efforts.	Yes

9. Water Quality and Wastewater Reclamation		
a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
	Amount of reduced diversion	361 Acre-Feet
b.	Type of substitute water supply	Recycled Water
	Amount of substitute water supply used	361 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply	Yes

10. Conjunctive Use of Surface Water and Groundwater		
a.	Are you now using groundwater in lieu of surface water?	Yes
	Amount of groundwater used	577 Acre-Feet
b.	I have data to support the above surface water use reductions due to the use of groundwater.	Yes

11a. Additional Remarks

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Kelley

[FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2012

Primary Owner: City Of Santa Barbara
 Statement Number: S020014
 Date Submitted: 2013-06-27

1. Water is used under	Pre-1914 Claim
2. Year of first use	1911

3-4. Maximum Rate of Diversion for each Month and Amount of Water Diverted and Used			
Month	Rate of diversion (CFS)	Amount directly diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0
Total		0	0
Comments	No diversions occurred during 2012 due to lack of available water in Devil's Canyone Creek or operational constraints.		

5. Water Diversion Measurement	
a. Measurement	Water directly diverted and/or diverted to storage was measured
b. Types of measuring devices used	Weir Other: V-notch weir is lowered into Devil's Canyon Creek to measure creek flow. If flow is sufficient, water then is diverted from a pool upstream of weir into a 12" pipeline. Diversion rates are estimated based on conveyance capacity of the diversion pipeline.
c. Additional technology used	Other
c. Description of additional technology used	None.
d. Who installed your measuring device(s)	Licensed Civil or Agricultural Engineer
e. Make, model number, and last calibration date of your measuring device(s)	
f. Why direct measurement using a device listed in Section 1 is "not locally cost effective"	Diversion is small or minimal in size Diversions are infrequent
Explanation of why use of devices and technologies listed	Diversions are infrequent and never exceed 2.5 cfs.

	in Section 1 are "not locally cost effective"	
	Method(s) used as an alternative to direct measurement	
9.	Explanation of method(s) used as an alternative to direct measurement	

6. Purpose of Use	
Other	Municipal

7. Changes in Method of Diversion	

8. Conservation of Water		
a.	Are you now employing water conservation efforts?	Yes
a.	Describe any water conservation efforts you have initiated	Best Management Practices set forth by the California Urban Water Conservation Council
	Amount of water conserved	2300 Acre-Feet
b.	I have data to support the above surface water use reductions due to conservation efforts.	Yes

9. Water Quality and Wastewater Reclamation		
a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
	Amount of reduced diversion	200 Acre-Feet
b.	Type of substitute water supply	Recycled Water
	Amount of substitute water supply used	200 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply	Yes

10. Conjunctive Use of Surface Water and Groundwater		
a.	Are you now using groundwater in lieu of surface water?	Yes
b.	Amount of groundwater used	1070 Acre-Feet
	I have data to support the above surface water use reductions due to the use of groundwater.	Yes

11a. Additional Remarks	

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Kelley

[FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2010

Primary Owner: City Of Santa Barbara
 Statement Number: S020015
 Date Submitted: 2013-06-27

1. Water is used under	Pre-1914 Claim
2. Year of first use	1911

3-4. Maximum Rate of Diversion for each Month and Amount of Water Diverted and Used			
Month	Rate of diversion (CFS)	Amount directly diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January		1888	0
February		11	0
March		253.2	274.2
April		155.8	155.8
May		523.9	554.9
June		33.9	508.9
July		0	556.3
August		0	501.8
September		0	490
October		0	180.3
November		6	0
December		2842	0
Total		5713.8	3222.2
Comments			

5. Water Diversion Measurement	
a. Measurement	Water directly diverted and/or diverted to storage was measured
b. Types of measuring devices used	Staff gage and storage capacity curve Weir
Additional technology used	Data Logger
c. Description of additional technology used	Water level data for weir is recorded using manual tape measurements, as well as a USGS owned/maintained automated data logger (WaterLog Model H-3311).
d. Who installed your measuring device(s)	Licensed Civil or Agricultural Engineer Representative using United States Geological Survey (USGS) techniques
e. Make, model number, and last calibration date of your measuring device(s)	Water directly diverted is measured with a constructed thin-crested rectangular weir. Monitoring data for the weir is maintained by USGS. Water collected to storage is estimated based on measured reservoir levels and an elevation-area-capacity curve. Bathymetric surveys are performed every three years (most recent survey was in 2010).
f. Why direct measurement using a device listed in Section 1 is "not locally cost effective"	
Explanation of why use of	

	devices and technologies listed in Section 1 are "not locally cost effective"
g.	Method(s) used as an alternative to direct measurement
	Explanation of method(s) used as an alternative to direct measurement

6. Purpose of Use	
Other	Municipal

7. Changes in Method of Diversion
None.

8. Conservation of Water	
	Are you now employing water conservation efforts? Yes
a.	Describe any water conservation efforts you have initiated Best Management Practices set forth by California Urban Water Conservation Council
	Amount of water conserved 2300 Acre-Feet
b.	I have data to support the above surface water use reductions due to conservation efforts. Yes

9. Water Quality and Wastewater Reclamation	
a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes? Yes
b.	Amount of reduced diversion 237 Acre-Feet
	Type of substitute water supply Recycled Water
	Amount of substitute water supply used 237 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply Yes

10. Conjunctive Use of Surface Water and Groundwater	
a.	Are you now using groundwater in lieu of surface water? Yes
b.	Amount of groundwater used 1191 Acre-Feet
	I have data to support the above surface water use reductions due to the use of groundwater. Yes

11a. Additional Remarks

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

[FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2011

Primary Owner: City Of Santa Barbara
 Statement Number: S020015
 Date Submitted: 2013-06-27

1. Water is used under	Pre-1914 Claim
2. Year of first use	1911

3-4. Maximum Rate of Diversion for each Month and Amount of Water Diverted and Used			
Month	Rate of diversion (CFS)	Amount directly diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January		7	0
February		132.5	117.5
March		81.4	67.4
April		0	0
May		4	0
June		65.7	137.7
July		0	499.3
August		0	501.1
September		0	485
October		0	109.6
November		25	0
December		0	193.5
Total		315.6	2111.1
Comments			

5. Water Diversion Measurement	
a. Measurement	Water directly diverted and/or diverted to storage was measured
b. Types of measuring devices used	Staff gage and storage capacity curve Weir
Additional technology used	Data Logger
c. Description of additional technology used	Water level data for weir is recorded using manual tape measurements, as well as a USGS owned/maintained automated data logger (WaterLog Model H-3311).
d. Who installed your measuring device(s)	Licensed Civil or Agricultural Engineer Representative using United States Geological Survey (USGS) techniques
e. Make, model number, and last calibration date of your measuring device(s)	Water directly diverted is measured with a constructed thin-crested rectangular weir. Monitoring data for the weir is maintained by USGS. Water collected to storage is estimated based on measured reservoir levels and an elevation-area-capacity curve. Bathymetric surveys are performed every three years (most recent survey was in 2010).
f. Why direct measurement using a device listed in Section 1 is "not locally cost effective"	
Explanation of why use of	

	devices and technologies listed in Section 1 are "not locally cost effective"	
	Method(s) used as an alternative to direct measurement	
g.	Explanation of method(s) used as an alternative to direct measurement	

6. Purpose of Use	
Other	Municipal

7. Changes in Method of Diversion
None.

8. Conservation of Water	
	Are you now employing water conservation efforts? Yes
a.	Describe any water conservation efforts you have initiated Best Management Practices set forth by California Urban Water Conservation Council
	Amount of water conserved 2300 Acre-Feet
b.	I have data to support the above surface water use reductions due to conservation efforts. Yes

9. Water Quality and Wastewater Reclamation	
a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes? Yes
	Amount of reduced diversion 361 Acre-Feet
b.	Type of substitute water supply Recycled Water
	Amount of substitute water supply used 361 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply Yes

10. Conjunctive Use of Surface Water and Groundwater	
a.	Are you now using groundwater in lieu of surface water? Yes
	Amount of groundwater used 577 Acre-Feet
b.	I have data to support the above surface water use reductions due to the use of groundwater. Yes

11a. Additional Remarks

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

[FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2012

Primary Owner: City Of Santa Barbara
 Statement Number: S020015
 Date Submitted: 2013-06-27

1. Water is used under	Pre-1914 Claim
2. Year of first use	1911

3-4. Maximum Rate of Diversion for each Month and Amount of Water Diverted and Used			
Month	Rate of diversion (CFS)	Amount directly diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January		167	0
February		194	0
March		832	0
April		1123.3	357.3
May		0	450.4
June		0	485
July		0	485
August		0	263.9
September		0	0
October		0	124.3
November		0	378.9
December		8.9	205.9
Total		2325.2	2750.7
Comments			

5. Water Diversion Measurement	
a. Measurement	Water directly diverted and/or diverted to storage was measured
b. Types of measuring devices used	Staff gage and storage capacity curve Weir
	Additional technology used Data Logger
c. Description of additional technology used	Water level data for weir is recorded using manual tape measurements, as well as a USGS owned/operated automated data logger (WaterLog Model H-3311).
d. Who installed your measuring device(s)	Licensed Civil or Agricultural Engineer Representative using United States Geological Survey (USGS) techniques
e. Make, model number, and last calibration date of your measuring device(s)	Water directly diverted is measured with a constructed thin-crested rectangular weir. Monitoring data for the weir is maintained by USGS. Water collected to storage is estimated based on measured reservoir levels and an elevation-area-capacity curve. Bathymetric surveys are performed every three years (most recent survey was in 2010).
f. Why direct measurement using a device listed in Section 1 is "not locally cost effective"	
	Explanation of why use of

	devices and technologies listed in Section 1 are "not locally cost effective"	
g.	Method(s) used as an alternative to direct measurement	
	Explanation of method(s) used as an alternative to direct measurement	

6. Purpose of Use	
Other	Municipal

7. Changes in Method of Diversion
None.

8. Conservation of Water	
	Are you now employing water conservation efforts? Yes
a.	Describe any water conservation efforts you have initiated Best Management Practices set forth by California Urban Water Conservation Council
	Amount of water conserved 2300 Acre-Feet
b.	I have data to support the above surface water use reductions due to conservation efforts. Yes

9. Water Quality and Wastewater Reclamation	
a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes? Yes
	Amount of reduced diversion 200 Acre-Feet
b.	Type of substitute water supply Recycled Water
	Amount of substitute water supply used 200 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply Yes

10. Conjunctive Use of Surface Water and Groundwater	
a.	Are you now using groundwater in lieu of surface water? Yes
	Amount of groundwater used 1070 Acre-Feet
b.	I have data to support the above surface water use reductions due to the use of groundwater. Yes

11a. Additional Remarks

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form