

This is the original annual report for authority: 59-533480.0001

Note created: 4/7/2014

--- The document starts on the next page. ---

ANNUAL WATER WITHDRAWAL AND USE REPORT

GROUNDWATER SUMMARY - WQ 2013

OWNER OF GROUNDWATER RIGHT

GRANITE CONSTRUCTION CO
PO BOX 27557
TUCSON AZ 85726

TYPE OF RIGHT

MINERAL EXTRACTION

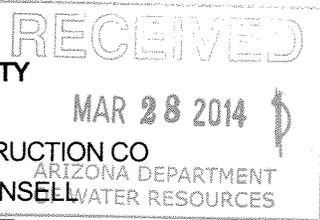
RIGHT / PERMIT NO.

59-533480.0001

REPORTING PARTY

59-533480.0001

GRANITE CONSTRUCTION CO
ATTN: ROBERT LINSELL
4115 E ILLINOIS ST
TUCSON AZ 85714



TUCSON AMA (602) 771-8585
LOCATION: SW 01 12.0S 11.0E
WITHDRAWAL AUTHORITY ALLOTMENT: 800.00 AF
PERMIT EXPIRATION DATE: 08/02/2020
FACILITY NAME:
GRANITE-TANGERINE

If any of the information preprinted on this report is incorrect, please make the necessary changes.

PART I GROUNDWATER WITHDRAWN

From Box 10 Schedule A attached
Complete this section only if you operate a non-exempt well.

143.26 \$ 3.00 \$ 429.78

ACRE - FEET X Withdrawal Fee =

PART II WATER DELIVERED TO OTHER RIGHTS

From Box 24 Schedule D attached

0 ACRE - FEET

PART III WATER RECEIVED FROM OTHER SOURCES

Total from Schedule E attached

0 ACRE - FEET

PART IV TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

143.26 ACRE - FEET

PART V LATE FEES

Complete if filing after March 31.

Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late (Maximum of 6)

2) Calculate Late Report Fee (\$25.00 X number of months late)

3) Calculate Late Payment Fee (10 % X number of months late X withdrawal fee calculated in Part I above)

PART VI WATER QUALITY

From WQARF Worksheet attached \$ 303.71

PART VII TOTAL FEES DUE

Add amounts from Parts I, V and VI \$ 733.49

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 2014. If hand delivered, the report must be received by the Department's Annual Reports & Planning Section no later than 5:00 PM on March 31, 2014.

REPORTS FILED AFTER MARCH 31, 2014 ARE SUBJECT TO LATE FEES (A.R.S. § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X Robert A. Linsell Jr. AUTHORIZED SIGNATURE Resource Mgr. TITLE 3/28/2014 DATE
ROBERT A. LINSELL JR. PRINTED NAME (520) 748-8000 TELEPHONE NUMBER

NOTE: THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

SCHEDULE G-4

SAND AND GRAVEL FACILITIES

ANNUAL REPORT 2013

ARIZONA DEPARTMENT OF WATER RESOURCES

Facility Name: GRANITE-TANGERINE

Facility No.: 14-614003.0000

Facility Owner: GRANITE CONSTRUCTION CO
 Contact Name: GRANITE CONSTRUCTION CO
 Contact Address: ATTN: ROBERT LINSELL
4115 E ILLINOIS ST
TUCSON, AZ 85714
 Contact Phone: (520)584-6549

Rights Used at Facility:	
<u>59-533480.0001</u>	_____
_____	_____
_____	_____

If you received an annual use letter from an irrigation district or municipal provider, please submit a copy of their letter with your 2013 Annual Water Withdrawal and Use Report to validate deliveries received.

Pursuant to Chapter 6 of the Third Management Plan of your Active Management Area, all sand and gravel facilities are required to supply the following information. Please complete one form per sand and gravel facility. Instructions are listed on the reverse side of this form.

PART 1 - METERED WATER USES

Water Use	Meter Type	Units (gpm or af)	Initial Meter Reading	Ending Meter Reading	Type of Water	Quantity (AF)
Reclaimed from clarifiers					Recycled G.W.	289
Reclaimed from disposal ponds						0
Supplied to asphalt plant						0
Supplied to wash plant						432

PART 2 - DISPOSAL PONDS INFORMATION

Number of Disposal Ponds	<u>0</u>	Aggregate surface area of disposal ponds	acres	Average depth of all disposal ponds	feet
--------------------------	----------	--	-------	-------------------------------------	------

PART 3 - VOLUME OF PRODUCTS PRODUCED

Product	Washed?		Amount (cu.ft. or yds.)
Concrete Rock	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	86,400
Concrete Sand	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	57,600
Asphalt Sand	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	30,000
Cover chips	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	2,500
TOTAL AMOUNT OF WASHED MATERIAL			176,500

PART 4 - WATER USED FOR SPECIFIC PURPOSES

Purpose	Quantity (acre-feet)	Purpose	Quantity (acre-feet)
Industrial Processing*		Non-Domestic Cleaning	<u>1</u>
Dust Control	<u>4</u>	Landscape Watering	<u>0</u>
Non-domestic Cooling		Other (specify):	

* Includes water used for sanitary waste disposal but does not include water used for process cooling and cleaning.

WORKSHEET W-2 2013

GROUNDWATER RIGHT/PERMIT/ 59-533480.0001
BMP Farm Unit NO.

1 DWR WELL REGISTRATION NO. 55-621365

10 Q	40 Q	160 Q	LOCATION		
			Sec	Twn	Rng
NE	NE	SW	1	12.0S	11.0E

2 TYPE OF MEASURING DEVICE: PIPE FLOW/ELECTRIC
MAKE/MODEL: SC16-3513
SIZE: 8"
INSTALLATION OR OVERHAUL DATE: 2012

3 POWER CO. NAME: TUCSON ELECTRIC POWER
ACCOUNT NO.: 233615-00201
ELECTRIC METER NO.: SC16-1242

4 Kr: 1 Kh: 21.6

5 FACTOR A = 21.6 = Kr x Kh **6** INSIDE DIAMETER: 7.9 (inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
5/14/2013	5 ft/sec.	780	8.32
9/13/2013	5 ft/sec.	780	8.33
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	16.65

8 AVERAGE DISCHARGE: 780 FACTOR B
9 AVERAGE SECONDS: 8.33 FACTOR C

10 DIVIDER = 19550 X $\frac{A \times 10}{B \times C} = \frac{21.6 \times 10}{780 \times 8.33} = 649.96$

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS: $93,116 \text{ kWh}$

12 GROUNDWATER WITHDRAWN = $\frac{\text{Box } 11}{\text{Box } 10} = \frac{143.26}{10} = 14.326$ ACRE FEET

1 DWR WELL REGISTRATION NO.

10 Q	40 Q	160 Q	LOCATION		
			Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE
MAKE/MODEL
SIZE
INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME
ACCOUNT NO.
ELECTRIC METER NO.

4 Kr Kh

5 FACTOR A = = Kr x Kh **6** INSIDE DIAMETER (inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE FACTOR B
9 AVERAGE SECONDS FACTOR C

10 DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN = $\frac{\text{Box } 11}{\text{Box } 10}$ ACRE FEET

1 DWR WELL REGISTRATION NO.

10 Q	40 Q	160 Q	LOCATION		
			Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE
MAKE/MODEL
SIZE
INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME
ACCOUNT NO.
ELECTRIC METER NO.

4 Kr Kh

5 FACTOR A = = Kr x Kh **6** INSIDE DIAMETER (inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE FACTOR B
9 AVERAGE SECONDS FACTOR C

10 DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN = $\frac{\text{Box } 11}{\text{Box } 10}$ ACRE FEET

1 DWR WELL REGISTRATION NO.

10 Q	40 Q	160 Q	LOCATION		
			Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE
MAKE/MODEL
SIZE
INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME
ACCOUNT NO.
ELECTRIC METER NO.

4 Kr Kh

5 FACTOR A = = Kr x Kh **6** INSIDE DIAMETER (inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE FACTOR B
9 AVERAGE SECONDS FACTOR C

10 DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN = $\frac{\text{Box } 11}{\text{Box } 10}$ ACRE FEET

WQARF WORKSHEET

WATER QUALITY ASSURANCE
REVOLVING FUND

ANNUAL REPORT 2013

OWNER

GRANITE CONSTRUCTION CO

RIGHT/PERMIT NUMBER

59-533480.0001



WORKSHEET FOR DETERMINING WHICH GROUNDWATER WITHDRAWALS ARE SUBJECT TO PAYMENT OF WATER QUALITY ASSURANCE REVOLVING FUND (WQARF) FEES AND FOR CALCULATION OF FEES DUE

TO CALCULATE WQARF FEES OWED:

- Enter in Box A the total groundwater withdrawn pursuant to this right/permit, as reported on Part I of the Annual Water Withdrawal and Use Report Summary page

A. 143.26
Acre-Feet

- Calculate groundwater withdrawn pursuant to this right/permit that is NOT subject to the WQARF fee as follows:

- Enter in Box 1 the amount of groundwater (if any) withdrawn by a city, town, private water company, or county improvement district.

0 Box 1
Acre-Feet

Note: Groundwater withdrawn by a city, town, private water company, or county improvement district and delivered to customers for use and not for resale is subject to a tax on potable water imposed by A.R.S. § 42-5302.

- Enter in Box 2 the amount of groundwater (if any) withdrawn pursuant to a withdrawal permit but **not** put to a beneficial use (e.g. pumped from well directly into a riverbed or sewer, etc.)

0 Box 2
Acre-Feet

- Enter in Box 3 the amount of groundwater (if any) withdrawn and used within the Buckeye waterlogged area pursuant to a drainage water withdrawal permit.

0 Box 3
Acre-Feet

- Add the total of amounts entered in Boxes 1 + 2 + 3 above; this total is the amount of groundwater exempted from WQARF fee. Enter this amount in Box B.

B. 0
Acre-Feet

- Calculate the amount of groundwater that is subject to WQARF fee, and for which WQARF fees are owed:

- Total WQARF fees owed: Box A - Box B =

143.26 Box C
(Acre-feet on which WQARF fees apply)

X \$2.12 = \$ 303.71
WQARF Fees owed

Transfer the amount of WQARF fees to Part VI of the Summary Page.

Note: WQARF fees MUST BE REPORTED AND PAID at the time the Annual Water Withdrawal and Use Report is filed and the withdrawal fees paid, but NOT LATER THAN MARCH 31, 2014.