

186271

## Exhibit A

Form 9-1366  
(Oct. 2005)U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement

Customer #: 6000000229  
 Agreement #:  
 Project #:  
 TIN #: 93-6002236  
 Fixed Cost Agreement ☒ Yes ☐ No

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FOR  
OREGON WATER SCIENCE CENTER

THIS AGREEMENT is entered into as of the 1st day of October, 2013, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the CITY OF PORTLAND WATER BUREAU, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation a water resource investigation in the Bull Run watershed of Oregon, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.
2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of \$0.

(a) \$624,844 by the party of the first part during the period  
October 1, 2013 to September 30, 2018

(b) \$801,208 by the party of the second part during the period  
October 1, 2013 to September 30, 2018

- (c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

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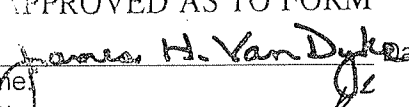
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Form 9-1366  
continuedU.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding AgreementCustomer #: 6000000229  
Agreement #:  
Project #:  
TIN #: 93-6002236

8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

U.S. Geological Survey  
United States  
Department of the Interior

City of Portland Water Bureau

USGS Point of ContactName: Keith Overton  
Address: USGS ORWSC  
2130 SW 5TH Avenue  
Portland, Oregon 97201  
Telephone: 503-251-3246  
Email: koverton@usgs.govCustomer Point of ContactName: Kristin Anderson  
Address: City of Portland Water Bureau  
1120 SW 5TH Avenue  
Portland, Oregon 97204  
Telephone: 503-823-3283  
Email: kristin.anderson@portlandoregon.govSignaturesBy  Date 23 Aug. 2013  
Name: James D. Crammond  
Title: Center DirectorSignaturesBy  Date 08.28.2013  
Name: David G. Shaff  
Title: Portland Water Bureau AdministratorBy \_\_\_\_\_ Date \_\_\_\_\_  
Name:  
Title:By \_\_\_\_\_ Date \_\_\_\_\_  
Name:  
Title:By \_\_\_\_\_ Date \_\_\_\_\_  
Name:  
Title:APPROVED AS TO FORM  
By  Date 8/27/13  
Name: James H. Van Dyke  
Title: CITY ATTORNEY

## Exhibit B

Joint Funding Agreement Streamflow and Water Quality Monitoring								
PWB'S Cost Share per Federal Fiscal Year	PWB'S Cost Share per Quarter	Calendar Year		Bill will Arrive (due date)	Bill to be paid by (due date)	Federal FY	City FY	PWB'S Portion Fiscal Year
\$134,520	\$33,630	Oct-Dec	2013	1/9/2014	3/10/2014	2014	13-14	\$100,890
	\$33,630	Jan-Mar	2014	4/10/2014	6/9/2014	2014	13-14	
	\$33,630	Apr-Jun	2014	7/10/2014	9/8/2014	2014	13-14	
	\$33,630	Jul-Sep	2014	9/14/2014	11/13/2014	2014	14-15	\$143,733
\$146,804	\$36,701	Oct-Dec	2014	1/9/2015	3/10/2015	2015	14-15	
	\$36,701	Jan-Mar	2015	4/10/2015	6/9/2015	2015	14-15	
	\$36,701	Apr-Jun	2015	7/10/2015	9/8/2015	2015	14-15	
	\$36,701	Jul-Sep	2015	9/14/2015	11/13/2015	2015	15-16	\$156,588.50
\$159,850	\$39,962.50	Oct-Dec	2015	1/9/2016	3/10/2016	2016	15-16	
	\$39,962.50	Jan-Mar	2016	4/10/2016	6/9/2016	2016	15-16	
	\$39,962.50	Apr-Jun	2016	7/10/2016	9/8/2016	2016	15-16	
	\$39,962.50	Jul-Sep	2016	9/14/2016	11/13/2016	2016	16-17	\$170,425
\$173,950	\$43,487.50	Oct-Dec	2016	1/9/2017	3/10/2017	2017	16-17	
	\$43,487.50	Jan-Mar	2017	4/10/2017	6/9/2017	2017	16-17	
	\$43,487.50	Apr-Jun	2017	7/10/2017	9/8/2017	2017	16-17	
	\$43,487.50	Jul-Sep	2017	9/14/2017	11/13/2017	2017	17-18	\$183,050.50
\$186,084	\$46,521	Oct-Dec	2017	1/9/2018	3/10/2018	2018	17-18	
	\$46,521	Jan-Mar	2018	4/10/2018	6/9/2018	2018	17-18	
	\$46,521	Apr-Jun	2018	7/10/2018	9/8/2018	2018	17-18	
	\$46,521	Jul-Sep	2018	6/14/2018	11/13/2018	2018	18-19	\$46,521
\$801,208							TOTAL	\$801,208

The Portland Water Bureau shall pay all amounts to which no dispute exists within 60 days of receipt of the invoice. Payment of any invoice, however, does not preclude the City from later determining that an error in payment was made and from withholding the disputed sum from the net progress payment until the dispute is resolved. Should a dispute occur there shall be no interest charged in regards to the billing being reviewed. Invoices shall be submitted to: City of Portland Water Bureau, Attn: Accounts Payable/Kristin Anderson: 1120 SW 5th Avenue, Room 609, Portland, OR 97204.

**PORTLAND WATER BUREAU --- U.S. GEOLOGICAL SURVEY  
COOPERATIVE DATA COLLECTION PROGRAM**

**Federal Fiscal Years 2014 - 2018**

**Summary of Program**

Federal Fiscal Year	Portland Water Bureau	USGS Federal Matching	Total Support
<b>2014</b>			
Surface Water Sites	\$102,846	\$94,934	\$197,780
Water Quality Sites	\$31,674	\$29,238	\$60,912
Total Program	<u>\$134,520</u>	<u>\$124,172</u>	<u>\$258,692</u>
<b>2015</b>			
Surface Water Sites	\$112,288	\$95,652	\$207,940
Water Quality Sites	\$34,517	\$29,403	\$63,920
Total Program	<u>\$146,804</u>	<u>\$125,056</u>	<u>\$271,860</u>
<b>2016</b>			
Surface Water Sites	\$122,237	\$96,043	\$218,280
Water Quality Sites	\$37,613	\$29,553	\$67,166
Total Program	<u>\$159,850</u>	<u>\$125,596</u>	<u>\$285,446</u>
<b>2017</b>			
Surface Water Sites	\$132,913	\$96,247	\$229,160
Water Quality Sites	\$41,037	\$29,717	\$70,754
Total Program	<u>\$173,950</u>	<u>\$125,964</u>	<u>\$299,914</u>
<b>2018</b>			
Surface Water Sites	\$141,924	\$94,616	\$236,540
Water Quality Sites	\$44,160	\$29,440	\$73,600
Total Program	<u>\$186,084</u>	<u>\$124,056</u>	<u>\$310,140</u>
<b>Grand Totals 2014 - 2018</b>	<b>\$801,208</b>	<b>\$624,844</b>	<b>\$1,426,052</b>