Description of Worksheet 1

Version Date: 6/8/2016

PURPOSE

This worksheet is intended to itemize sources of potable water supply to be entered in Step 2 of the Water Supply Reliability Certification Form for Urban Water Suppliers. Rows can be added to the Worksheet. Either in this worksheet or in the supporting document include an itemized list of all water sources that are included as sources of supply in your self-certification calculation.
The completed Worksheet 1 is upload with your Water Supply Reliability Form. **Information must be submitted by June 22, 2016.**
Upload the completed worksheet (Step 5 of the online Water Supply Reliability Certificaiton and Data Submission Form):
http://drinc.ca.gov/dnn/applications/publicwatersystems/waterreliabilitycertification.aspx

HOW TO USE WORKSHEET 1

Identify each source of supply that your water system intends to rely on for potable water and the quantity of water available for the time period. The current conditions to use in calculations are as of October 1, 2016.

- The precipitation in WY 2017 mirrors that of WY 2013, precipitation in WY 2018 mirrors that of WY 2014, precipitation in WY 2019 mirrors that of WY 2015. (Section 864.5(b)(1)). Only precipitation data from the California Data Exchange Center (e.g., http://cdec.water.ca.gov/cgi-progs/prevprecip/PRECIPOUT), or California Irrigation Management Information System (CIMIS) http://wwwcimis.water.ca.gov/Default.aspx.), or an equivalent source may be used. **Do not average precipitation**.
- Potable water supply only includes water sources of supply available to the supplier that could realistically be used for potable drinking water purposes.
- If a water source is not of sufficient quality to be realistically treated and use as potable water by the water retailer, it shall not be included as a water supply.
- Consider requirements and assumptions that are used that impact supply reliability, for example, in the case of groundwater, if your water agency has its own requirement not to lower the water level of an aquifer below a certain amount, provide an explanation in the "Notes and comments".
- Groundwater: use the quantity of groundwater that is accessible, **without** addition of new wells or completion of treatment projects that would fall outside the three-year projection period (2016-17 through 2018-19).
- If new diversions or treatment equipment or facilities will come on-line between now until the end of 2019, sufficient evidence must be provided to indicate is it going to be implemented (e.g., funds have been allocated, contract with a builder has been approved).
- If a water supply is dedicated for another purpose (e.g., agriculture) and is therefore committed for another use, it is not available and shall be **subtracted** for the subtotal of water supplies.
- Identify all sources of data used (e.g., "our water product information from Supervisor Control and Data Acquisition (SCADA)" and included a link to the source).
- Provide supporting documentation the covers each water source. For example, when the amount of water obtained from a river is summed in one number and there are multiple source points, then the supporting documentation shall describe each collection point and the amount of water from each source that are summed together and equal the amount provided on the worksheet.

Follow any instructions on each tab. Some prompts are generated in *red font* and may require further user input.

Description of Worksheet 1
Water Supply Reliability Certification Form

LAYOUT OF WORKSHEET 1

This worksheet contains two tabs to be completed. The tabs are summarized below:

Worksheet No.	Description	User Actions
1. Worksheet 1	Enter Water Supply Information	Enter potable water supply information
2. Groundwater	Answer groundwater questions	Answer questions only if relying on local groundwater sources

The following cell color-coding format is used to direct the user as to how a cell functions and where the user can or should enter data.

CELL LEGEND:

Cell Type	Cell Color
User Input	Users provide inputs to yellow colored cells or may have a drop-down menu to select an option
Autogenerated Value	NO ACTION: Green-colored cells are contain values based on formulas

>>> CLICK ON TAB "1. Worksheet 1" TO BEGIN

Worksheet 1 : Total available water supply for individual water supplier

Step 2 of Water Supply Reliability Certification and Data Submission Form

Indio City of << *Enter name of urban water supplier*

User Input Instructions

(1) Please select units of measure from the dropdown menu.
(2) Enter information on available water supplies and supplies committed to other uses.

LEGEND:

User Input or Selection	
Linked from User Input	

acre feet (AF) << *Select units of measure*

Available Water Supplies

Sources of Supply	Name of Provider(s) or Description	Source used in prior years?	Water Available in			Wholesaler information	Wholesaler Water System Number**
			WY 2017 *	WY 2018 *	WY 2019	Direct Web Link	
WHOLESALER SUPPLIED *>> Provide direct web link(s) to information on the volume of water the wholesaler expects to deliver to the retailer water supplier in each year.*							
Wholesaler 1		Select Y/N					
Wholesaler 2		Select Y/N					
Wholesaler 3		Select Y/N					
Wholesaler 4		Select Y/N					
Wholesaler 5		Select Y/N					
SELF-SUPPLIED							
Water Recycling (potable)		Select Y/N					
Surface water: SWP		Select Y/N					
Surface water: CVP		Select Y/N					
Surface water: Colorado River		Select Y/N					
Surface water: other (describe)		Select Y/N					
Surface water: other (describe)		Select Y/N					
Local Groundwater		Select Y/N	1,989,415.4	1,930,625.1	1,909,206.5	***<< Complete groundwater tab***	
Seawater Desalination		Select Y/N					
Transfers		Select Y/N					
Exchanges		Select Y/N					
Other (describe):		Select Y/N				*<< To add more self-suplied sources, insert as many rows*	
	SUBTOTAL of available supplies (in units selected)		1,989,415.4	1,930,625.1	1,909,206.5		

** Any carryover from one year is incorporated in the supply of the following year, as legally allowed.*
*** Look up Water system number at this link: https://sdwis.waterboards.ca.gov/PDWW/*
Rows can be inserted to account for other sources of supply (e.g., desalination of brackish water, banked water)
If a source has not been used in prior years, e.g., a new treatment facility will be constructed, supporting documentation must document when the new source will be fully implemented.

Water Supplies Committed to Other Uses (Not Available)

Other Uses	Describe	Quantity in WY 2017	Quantity in WY 2018	Quantity in WY 2019
Agriculture				
Commercial, industrial or institutional				
New residential customers				
Transfers				
Other:				

Other:				
	SUBTOTAL of supplies not available (in units selected)	-	-	-

TOTAL available water supply (in units selected)	1,989,415.4	1,930,625.1	1,909,206.5

(Subtotal of available supplies minus subtotal of supplies committed to other uses)

>>> Please enter values calculated below in Step 2 of the online form

TOTAL available water supply converted to acre feet	**1,989,415**	**1,930,625**	**1,909,207**

>> If error, verify you have selected units of measure

If using local groundwater sources, answer questions below

Complete only if relying on local groundwater for a portion of supply *(not brackish groundwater desalination or banking)*

Do you know the volume of water in the aquifer that is in your source(s) of groundwater?

Pick one: Yes

Optional notes and comments:

The Department of Water Resources estimated the subbasins in the Coachella Valley groundwater basin contained approximately 39,200,000 acre feet of water in the first 1,000 feet below the surface

How frequently are groundwater elevations monitored?

Pick one: monthly

Optional notes and comments:

Through IWA's SCADA system, groundwater elevations are monitoring on a monthly basis.

At what depth is/was your water table? *(in feet) Do not average values for multiple basins, management zones, or wells.*
If there are multiple wells, enter the depth for the source where the largest portion of supply comes from; itemize information in the notes or sup

In June 2016: 150 feet

In June 2013: 174 feet

Optional notes and comments:

For June 2013, average groundwater level was at 149 feet below ground surface. After pumping, average groundwater level was at 174 feet below ground surface. For June 2016, average groundwater level was at 110 feet below ground surface. After pumping, average groundwater level was at 150 feet below ground surface. Pumping depths

How many feet can you withdraw without substantially affecting your ability to pump water? *(in feet)*

If there are multiple wells, enter the depth for the source where the largest portion of supply comes from as a representative well; provide additio

150 feet

Optional notes and comments:

In order to determine how many feet can be withdrawn without substantially affecting our ability to pump water, we evaluated the depth of water to the depth of our pumps. As described above, our water level at this well is 150 feet below ground surface. The pump for this well is located nearly 300 feet. Therefore, we would have to withdraw

Do you have groundwater that you expect to sell or distribute to another water supplier that is not accounted for in your calculations?

Pick one: No

Describe:

As described above, the six water agencies collaboratively distributed the volume of the groundwater basin for purposes of this assessment. No other water will be distributed to another supplier.

>>> Thank you.

porting documentation.

ɔnal information in the notes or supporting documentation.