

**Arizona Department of Environmental Quality
 Drinking Water Analytical Report
 Stage 2 Disinfection By- Products (TTHM & HAA5)
 Compliance Monitoring Plan Summary Sheet**
 (Each table is a required field and must be completed)

PWS ID Number	PWS Name
AZ04 -	

Contact Person and Title	Phone Number	Fax Number

A. Stage 2 DBP Schedule (based upon population served) - 40 CFR 141.620 (c)				
Select One	Schedule 1	Schedule 2	Schedule 3	Schedule 4

B. Number of Stage 2 DBPR Compliance Monitoring Sites - 40 CFR 141.605 (b) (B1 Required + B2 Additional = B3 Total)				
B1. Required Monitoring Sites	Highest TTHM <input type="text"/>	Highest HAA5 <input type="text"/>	Stage 1 DBPR <input type="text"/>	Total Required <input type="text"/>
B2. (optional) Additional Monitoring Sites	Highest TTHM <input type="text"/>	Highest HAA5 <input type="text"/>	Stage 1 DBPR <input type="text"/>	Total Additional <input type="text"/>
B3. Total Monitoring Sites	Highest TTHM <input type="text"/>	Highest HAA5 <input type="text"/>	Stage 1 DBPR <input type="text"/>	Total to be Sampled <input type="text"/>

C. Stage 2 DBPR Compliance Monitoring Frequency - 40 CFR 141.621 (a)(2)	
Select the one required by rule	<input type="checkbox"/> During peak historical month (1 monitoring period) <input type="checkbox"/> Every 90 days (4 monitoring periods)

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D. Stage 2 DBPR Required Compliance Monitoring Sites - 40 CFR 141.605 (c)(1-8)

- Maximum number of required sites under Stage 2 is 20 for surface water systems serving over 5 million people.
- **Maximum number of required sites for any AZ PWS is 16.**
- If ADEQ or MCESD requires additional sites, mark them as additional.
- If PWS elects to take additional sites, mark them as additional.
- Locations need to be listed in the order they are required to be selected according to Exhibit 7-7, "Protocol for Selecting Stage 2 DBPR (Subpart V) Compliance Monitoring Sites", from page 7-40 of the *IDSE Guidance Manual for the Final Stage 2 DBPR (EPA - January 2006)*.

Stage 2 Compliance Monitoring Site ID (taken from Stage 2 Compliance Monitoring Plan / IDSE Report)	Site ID	Indicate Required Or Additional		Distribution System Monitoring Location (select one per location)		
		Req. Site	Addn. Site	Highest TTHM	Highest HAA5	Stage 1 DBPR
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						
21.						
22.						

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E. Stage 2 DBPR Compliance Monitoring Schedule - 40 CFR 141.621 (a)(2)

Compliance Monitoring Site ID Line Numbers from Table D and Table E must match.

Stage 2 Compliance Monitoring Site ID	Site ID	Projected Sampling Date (date or week of)			
		Period 1 Jan 1 – Mar 31	Period 2 April 1 - June 30	Period 3 July 1 – Sept 30	Period 4 Oct 1 – Dec 31
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					

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Instructions

Enter PWS ID Number, PWS Name, Contact Person and Contact Phone Number.

A. Indicate Schedule of system.

This is determined by the population of the system, or of the largest system in a combined distribution system (CDS):

If you serve this many people, or belong to a CDS in which the largest system serves this many people:	Stage 2 Schedule:
Serves 100,000 or more people	1
Serves 50,000 to 99,999 people	2
Serves 10,000 to 49,999 people	3
Serves Fewer than 10,000 people	4

B. Please consult 40 CFR 141.605 (c)(1-8) for the number of required monitoring locations.

Note: the maximum number of samples required for the largest systems are 20 sites per monitoring period. If the PWS is including any additional number of monitoring locations beyond the number required then these must be notated accordingly.

B1. Is the number of monitoring sites required.

B2. Is the number of additional monitoring sites.

B3. Is the total number of sites to be monitored. (total equals the sum of the required and additional monitoring sites)

Ground Water Required Stage 2 Compliance Monitoring:

Population Size Category	Monitoring Frequency	Total Monitoring Locations per Period	Highest TTHM Locations	Highest HAA5 Locations	Existing Stage 1 DBP Sites
< 500	Per year	2	1	1	N/A
500 – 9,999		2	1	1	N/A
10,000 – 99,999	Every 90 days	4	2	1	1
100,000 – 499,999		6	3	2	1
> 500,000		8	3	3	2

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Surface Water Required Stage 2 Compliance Monitoring:

Population Size Category	Monitoring Frequency	Total Monitoring Locations per Period	Highest TTHM Locations	Highest HAA5 Locations	Existing Stage 1 DBP Sites
< 500	Per year	2	1	1	N/A
500 – 3,300	Every 90 days	2	1	1	N/A
3,301 – 9,999		2	1	1	N/A
10,000 – 49,999		4	2	1	1
50,000 – 249,999		8	3	3	2
250,000 – 999,999		12	5	4	3
1,000,000 – 4,999,999		16	6	6	4
> 5,000,000		20	8	7	5

C. Is the frequency of monitoring, as listed in the two tables, above.

D. See next page.

E. Is the monitoring schedule the PWS has chosen to sample. This is different than the Stage 1 requirement allowing sampling at any time in the quarter, or the month of warmest water temperature any time in the summer months of June 1 – September 30.

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D. Steps of Site Selection Protocol, are all of the monitoring sites, listed as required or additional sites, and if they represent High TTHM, High HAA5 or Stage 1 locations, as required by the rule.

Steps of Site Selection Protocol (required by rule)		Stage 2 Compliance Monitoring Sites Selected	Sampling Point
1	Select the location with the highest TTHM LRAA	1st highest TTHM site	01-A
2	Select the remaining location with the highest HAA5 LRAA	1st highest HAA5 site	02-A
3	For subpart H systems: Select the remaining existing Stage 1 average residence time compliance monitoring location with the highest HAA5 LRAA For ground water systems: Select the remaining existing Stage 1 maximum residence time compliance monitoring location with the highest HAA5 LRAA Skip this step if you have no more Stage 1 sites	1st Stage 1 DBP site	03-A
4	Select the remaining location with the next highest TTHM LRAA	2nd highest TTHM site	04-A
5	Select the remaining location with the next highest TTHM LRAA	3rd highest TTHM site	05-A
6	Select the remaining location with the next highest HAA5 LRAA	2nd highest HAA5 site	06-A
7	For subpart H systems: Select the remaining existing Stage 1 average residence time compliance monitoring location with the highest TTHM LRAA For ground water systems: Select the remaining existing Stage 1 maximum residence time compliance monitoring location with the highest TTHM LRAA Skip this step if you have no more Stage 1	2nd Stage 1 DBP site	07-A
8	Select the remaining location with the next highest HAA5 LRAA	3rd highest HAA5 site	08-A

If you need more Stage 2 DBPR compliance monitoring locations, Go back to Step 1 of this protocol and repeat the steps until you have selected the required number of total sites.

For questions, please contact:
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 Arizona Department of Environmental Quality
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