

令和7年度地下水の水質測定結果について

1 内 容

水質汚濁防止法第15条の規定により、地下水の水質の汚濁の状況を把握するため、岡山市及び倉敷市と協力して、測定を実施した。

(1) 対象項目

地下水の水質汚濁に係る環境基準が定められている環境基準項目(カドミウム等28項目)及び要監視項目(クロロホルム等25項目)

(2) 測定方法

表1のとおり、県内31地点において概況調査を行うとともに、過去にトリクロロエチレン等による汚染が確認された4地点で継続監視調査を行った。測定項目及び頻度については、表2のとおりである。

表1 測定地点の内訳

区 分	県	岡山市	倉敷市	計
概 況 調 査	19	6	6	31
継続監視調査	2	1	1	4
合 計	21	7	7	35

表2 測定項目及び頻度

区 分	測定項目	測定頻度
概 況 調 査	環境基準項目及び要監視項目	年1回
継続監視調査	過去に超過した環境基準項目（関連する環境基準項目を含む。）	年1～2回

2 結 果

(1) 概況調査

31地点のうち1地点で環境基準を超過した。超過地点及び超過項目については表3のとおりである。

表3 環境基準超過地点及び超過項目

超過地点	超過項目
瀬戸内市邑久町尾張	ひ素

(2) 継続監視調査

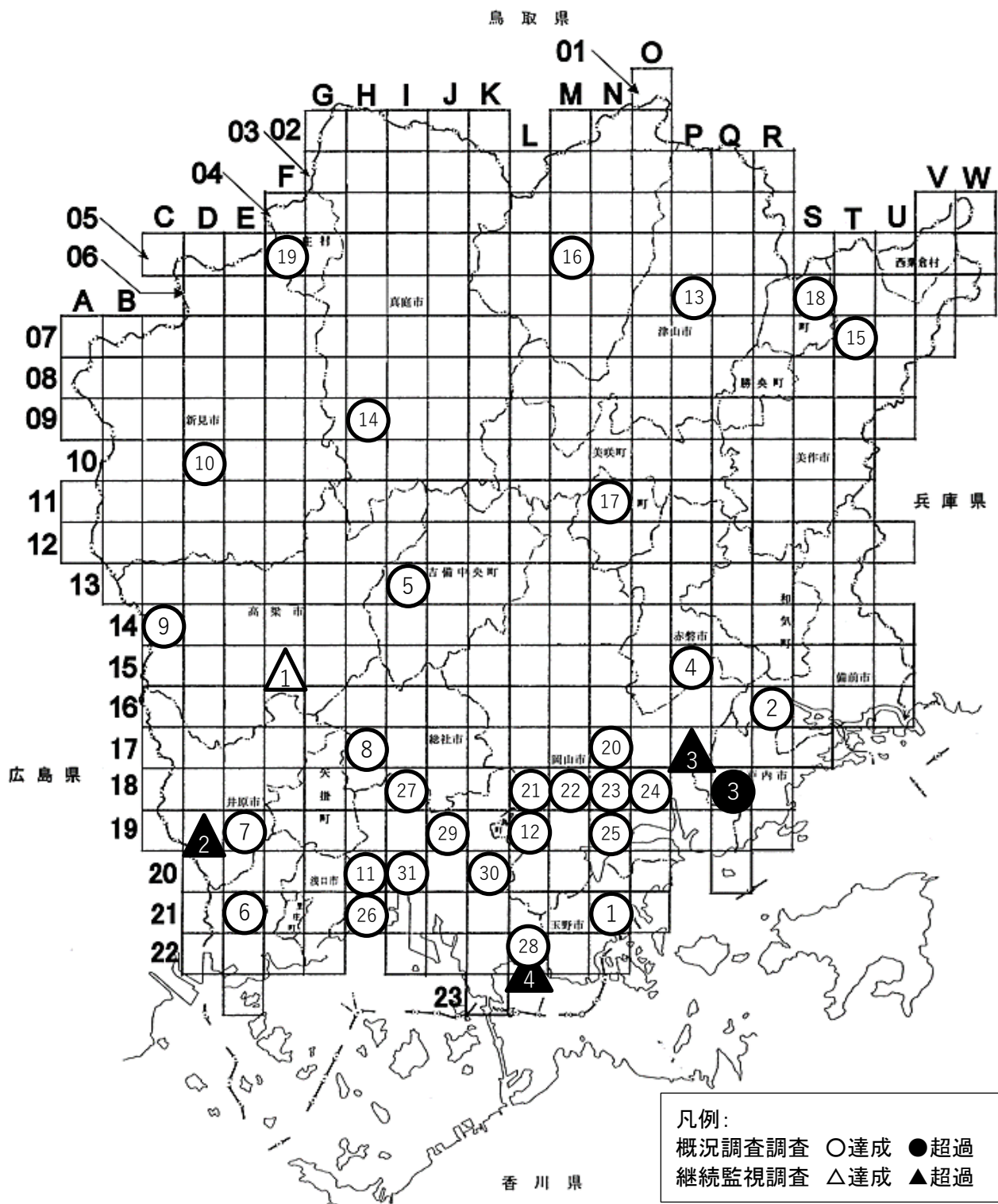
4地点のうち3地点で、依然として調査対象物質が環境基準を超過していた。

3 今後の対応

概況調査で環境基準を超過した地点は、汚染範囲及び原因究明調査を行った結果、自然由来と判断されることから調査を終了する。

継続監視調査を行った4地点は、引き続き調査を継続する。

地下水環境基準達成状況図



地下水測定項目

環境基準項目	環境基準で定めている人の健康の保護に係る項目
カドミウム、全シアン、鉛、六価クロム、ヒ素、総水銀、アルキル水銀、ポリ塩化ビフェニル、ジクロロメタン、四塩化炭素、クロロエチレン（塩化ビニルモノマー）、1,2-ジクロロエタン、1,1-ジクロロエチレン、1,2-ジクロロエチレン、1,1,1-トリクロロエタン、1,1,2-トリクロロエタン、トリクロロエチレン、テトラクロロエチレン、1,3-ジクロロプロペン、チウラム、シマジン、チオベンカルブ、ベンゼン、セレン、硝酸性窒素及び亜硝酸性窒素、ふっ素、ほう素、1,4-ジオキサン（以上28項目）	

要監視項目	人の健康の保護に関連する物質ではあるが、現時点では直ちに環境基準項目とせず引き続き知見の集積に努めるべき項目
クロロホルム、1,2-ジクロロプロパン、p-ジクロロベンゼン、イソキサチオン、ダイアジノン、フェニトロチオン、イソプロチオラン、オキシシン銅、クロロタロニル、プロピザミド、o-エチル-o-4-ニトロフェニル=フェニルホスホノチオアート、ジクロロボス、フェノブカルブ、イプロベンホス、クロルニトロフェン、トルエン、キシレン、フタル酸ジエチルヘキシル、ニッケル、モリブデン、アンチモン、エピクロロヒドリン、全マンガン、ウラン、ペルフルオロオクタンスルホン酸及びペルフルオロオクタン酸（以上25項目）	

概況調査の測定結果

(単位:mg/L)

番号	メッシュ番号	所在地	用途	環境基準項目																						要監視項目	測定機関							
				カドミウム	全シアン	鉛	六価クロム	ヒ素	総水銀	アルキル水銀	P C B	ジクロロメタン	四塩化炭素 (塩化ビニルモノマー)	クロロエチレン	1,2-ジクロロエタン	1,1-ジクロロエチレン	1,2-ジクロロエチレン	1,1,1-トリクロロエタン	1,1,2-トリクロロエタン	トリクロロエチレン	テトラクロロエチレン	1,3-ジクロロプロペン	チウラム	シマジン	チオベンカルブ			ベンゼン	セレン	硝酸性窒素及び亜硝酸性窒素	ふっ素	ほう素	1,4-ジオキサン	
				環境基準	0.003	N.D.	0.01	0.02	0.01	0.0005	N.D.	N.D.	0.02	0.002	0.002	0.004	0.1	0.04	1	0.006	0.01	0.01	0.002	0.006	0.003			0.02	0.01	0.01	10	0.8	1	0.05
				報告下限	0.0003	0.1	0.005	0.01	0.005	0.0005	0.0005	0.0005	0.002	0.0002	0.0002	0.0004	0.002	0.0005	0.0006	0.001	0.0005	0.0002	0.0006	0.0003	0.002			0.001	0.002	0.03	0.08	0.03	0.005	
1	N-21	玉野市田井	一般飲用	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.		岡山県			
2	R-16	備前市香登本	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.94	0.11	N.D.	N.D.		〃			
3	Q-18	瀬戸内市邑久町尾張	生活用水	N.D.	N.D.	N.D.	N.D.	0.035	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.64	0.14	N.D.		〃			
4	P-15	赤磐市二井	その他	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.2	N.D.	N.D.	N.D.		〃			
5	I-13	吉備中央町上竹	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	4.9	N.D.	N.D.	N.D.	超過項目なし	〃			
6	E-21	笠岡市大宜	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.17	0.33	0.03	N.D.		〃			
7	E-19	井原市木之子町	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	6.1	0.09	N.D.	N.D.		〃			
8	H-17	総社市山田	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	8.2	0.10	0.03	N.D.		〃			
9	C-14	高梁市備中町平川	一般飲用	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.5	N.D.	N.D.	N.D.		〃			
10	D-10	新見市西方	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.3	N.D.	N.D.	N.D.		〃			
11	H-20	浅口市金光町上竹	一般飲用	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2.8	0.17	N.D.	N.D.		〃			
12	L-19	早島町早島	その他	N.D.	N.D.	0.009	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	4.4	N.D.	N.D.	N.D.		〃			
13	P-06	津山市加茂町行重	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.26	N.D.	N.D.	N.D.		〃			
14	H-09	真庭市阿口	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.96	N.D.	N.D.	N.D.		〃			
15	T-07	美作市梶並	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.13	N.D.	N.D.	N.D.		〃			
16	M-05	鏡野町杉	一般飲用	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.52	N.D.	N.D.	N.D.		〃			
17	N-11	久米南町上弓削	一般飲用	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.80	N.D.	N.D.	N.D.		〃			
18	S-06	奈義町高円	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.55	N.D.	N.D.	N.D.		〃			
19	F-05	新庄村	一般飲用	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.2	N.D.	N.D.	N.D.	超過項目なし	〃			

(注) N.D.は報告下限値未満であることを示す。 環境基準を超えている検体値は太字(太枠・着色)で示す。

概況調査の測定結果

(単位:mg/L)

番号	メッシュ番号	調査地点	用途	環境基準項目																						要監視項目	測定機関							
				カドミウム	全シアン	鉛	六価クロム	ヒ素	総水銀	アルキル水銀	PCB	ジクロロメタン	四塩化炭素	クロロエチレン (塩化ビニルモノマー)	1,2-ジクロロエタン	1,1-ジクロロエチレン	1,2-ジクロロエチレン	1,1-トリクロロエタン	1,1,2-トリクロロエタン	トリクロロエチレン	テトラクロロエチレン	1,3-ジクロロプロペン	チウラム	シマジン	チオベンカルブ			ベンゼン	セレン	硝酸性窒素及び亜硝酸性窒素	ふっ素	ほう素	1,4-ジオキサン	
				環境基準	0.003	N.D.	0.01	0.02	0.01	0.0005	N.D.	N.D.	0.02	0.002	0.002	0.004	0.1	0.04	1	0.006	0.01	0.01	0.002	0.006	0.003			0.02	0.01	0.01	10	0.8	1	0.05
				報告下限	0.0003	0.1	0.005	0.01	0.005	0.0005	0.0005	0.0005	0.002	0.0002	0.0002	0.0004	0.002	0.004	0.0005	0.0006	0.001	0.0005	0.0002	0.0006	0.0003			0.002	0.001	0.002	0.03	0.08	0.03	0.005
20	N-17	岡山市北区宿本町	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.54	0.11	N.D.	N.D.		岡山市		
21	L-18	岡山市北区川入	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	3.0	0.09	N.D.	N.D.		〃		
22	M-18	岡山市南区西市	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.13	0.37	0.06	N.D.		〃		
23	N-18	岡山市中区倉田	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.84	0.49	0.12	N.D.		〃		
24	O-18	岡山市東区松新町	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.28	0.40	0.03	N.D.		〃		
25	N-19	岡山市中区江崎	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.38	0.08	N.D.	N.D.		〃		
26	H-21	倉敷市玉島柏島	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	6.7	0.26	0.05	N.D.		倉敷市		
27	I-18	倉敷市真備町辻田	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.33	N.D.	N.D.	N.D.		〃		
28	L-22	倉敷市児島田の口	生活用水	N.D.	N.D.	N.D.	N.D.	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	3.9	0.22	0.06	N.D.		〃		
29	J-19	倉敷市阿知	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.92	0.52	0.04	N.D.		〃		
30	K-20	倉敷市藤戸町天城	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.88	0.17	N.D.	N.D.		〃		
31	I-20	倉敷市連島町西之浦	生活用水	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2.6	0.31	0.08	N.D.		〃		

(注) N.D.は報告下限値未満であることを示す。環境基準を超えている検体値は太字(太枠・着色)で示す。

継続監視調査の測定結果

(単位:mg/L)

番号	メッシュ番号	調査地点	用途	環境基準項目																					要監視項目	測定機関								
				カドミウム	全シアン	鉛	六価クロム	ヒ素	総水銀	アルキル水銀	PCB	ジクロロメタン	四塩化炭素	クロロエチレン(塩化ビニルモノマー)	1,2-ジクロロエタン	1,1-ジクロロエチレン	1,2-ジクロロエチレン	1,1,1-トリクロロエタン	1,1,2-トリクロロエタン	トリクロロエチレン	テトラクロロエチレン	1,3-ジクロロプロペン	チウラム	シマジン			チオベンカルブ	ベンゼン	セレン	硝酸性窒素及び亜硝酸性窒素	ふっ素	ほう素	1,4-ジオキサン	
				環境基準	0.003	N.D.	0.01	0.02	0.01	0.0005	N.D.	N.D.	0.02	0.002	0.002	0.004	0.1	0.04	1	0.006	0.01	0.01	0.002	0.006			0.003	0.02	0.01	0.01	10	0.8	1	0.05
				報告下限	0.0003	0.1	0.005	0.01	0.005	0.0005	0.0005	0.0005	0.002	0.0002	0.0002	0.0004	0.002	0.004	0.0005	0.0006	0.001	0.0005	0.0002	0.0006			0.0003	0.002	0.001	0.002	0.03	0.08	0.03	0.005
1	F-15	高梁市成羽町成羽	生活用水									N.D.		N.D.	0.004			0.001						N.D.								岡山県		
2	D-19	井原市高屋町	生活用水									N.D.		N.D.	0.004			0.022														〃		
														N.D.		N.D.	0.004			0.029														
3	P-17	岡山市東区竹原	生活用水									0.049		N.D.	0.017	N.D.	N.D.	N.D.	N.D.													岡山市		
4	L-22	倉敷市児島唐琴	生活用水								N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.019	N.D.				N.D.								倉敷市		

(注) N.D.は報告下限値未満であることを示す。 環境基準を超えている検体値は太字(太枠・着色)で示す。