

神奈川県平塚市における地下水モニタリング（令和7年冬季～秋季）の結果について

1. 地下水モニタリングの概要

神奈川県平塚市においては、平成16年にA事案区域である旧相模海軍工廠化学実験部跡地近傍の井戸水から有機ヒ素化合物が検出されたことを受け、要調査地域を設定し、地下水の飲用自粛を呼びかけるとともに、当該地域において、有機ヒ素化合物が検出された井戸を中心として、地下水モニタリングを実施している。

同地域における要調査地域の範囲については、平成23年度に見直しを実施しており、現在は要調査地域内及びその外縁部周辺の計16箇所地下水モニタリングを実施している。

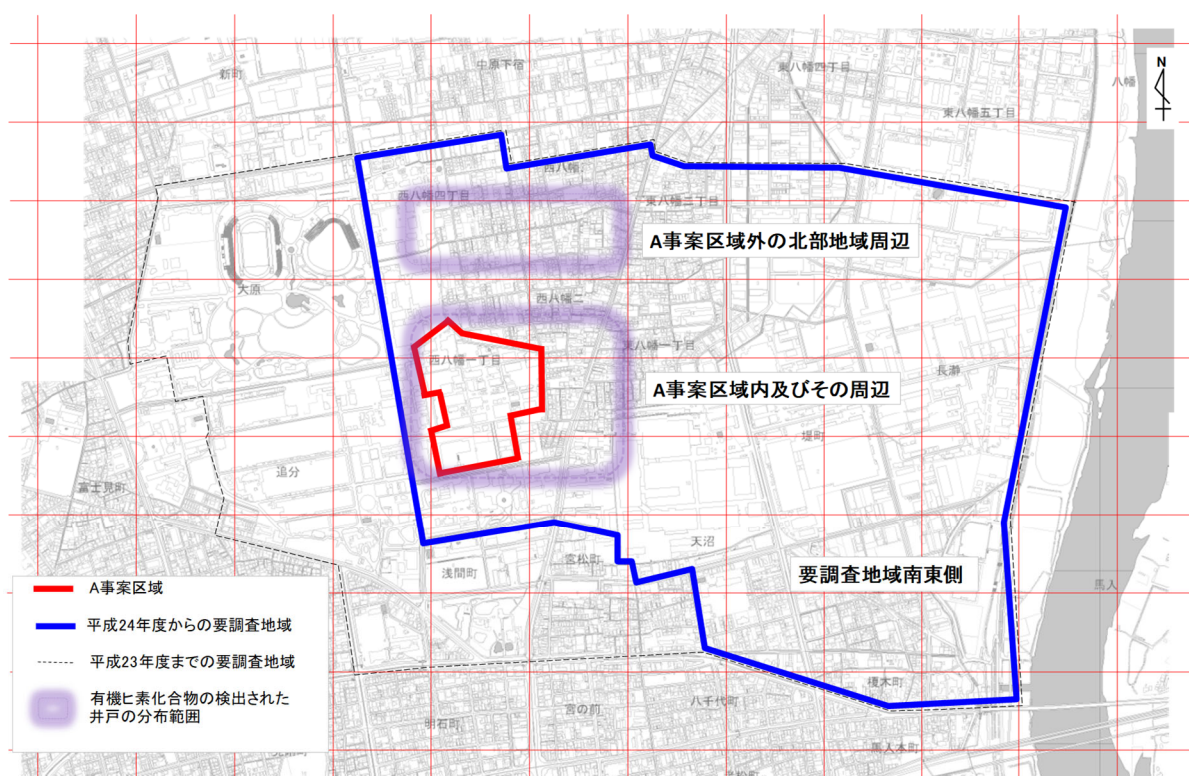


図1 平塚地区における要調査地域範囲及び外縁部周辺位置関係

2. 要調査地域における地下水の流れ及び地下水モニタリング結果について

平成16年以降、要調査地域における地下水の流れの方向に大きな変化はなく、地下水は西北西から東南東に向かって流れている。また、有機ヒ素化合物が検出された井戸の分布範囲は、A事案区域内から東方向に広がる範囲（A事案区域内及びその周辺）とA事案区域外の北部地域から東南東方向に広がる範囲（A事案区域外の北部地域周辺）の二つに広がっている（図1参照）。

令和7年冬季～秋季に実施した地下水モニタリングは、A事案区域内及びその周辺で4箇所、A事案区域外の北部地域周辺で4箇所、要調査地域南東側で1箇所、要調査地域外縁部周辺で7箇所である。分析の結果、要調査地域外縁部周辺では有機ヒ素化合物は検出されていない。

(1) 地下水の流れ

令和7年冬季～秋季の地下水位標高は、要調査地域の北西部では T.P. +約 5.1～5.5m、東部では T.P. +約 2.1～2.4mであった。地表面から地下水面までの深さは、A事案区域内及びA事案区域外の北部地域のいずれも、2.8～6.0m程度であった。地下水位は降雨による変動はあるものの、変動幅は小さく、高水位時期と低水位時期との水位差は概ね 0.5m程度である。要調査地域における地下水流向に大きな変化はなく、令和7年も地下水は西北西から東南東に向かって流下している。(図2-1、図2-2、図2-3、図2-4参照)

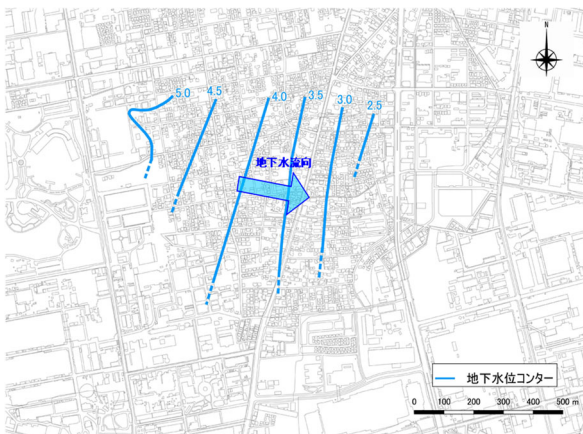


図2-1 地下水の流れと地下水位等高線
冬季：令和7年2月測定
(地下水位等高線の単位：標高 T.P. +m)

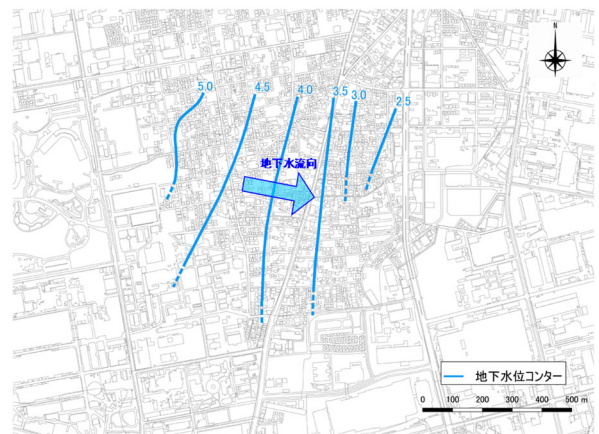


図2-2 地下水の流れと地下水位等高線
春季：令和7年5月測定
(地下水位等高線の単位：標高 T.P. +m)

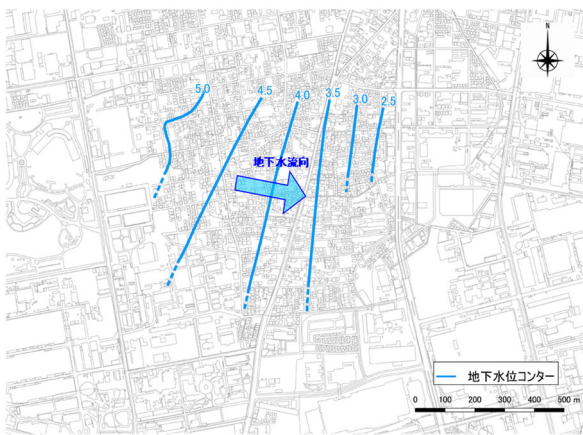


図2-3 地下水の流れと地下水位等高線
夏季：令和7年8月測定
(地下水位等高線の単位：標高 T.P. +m)

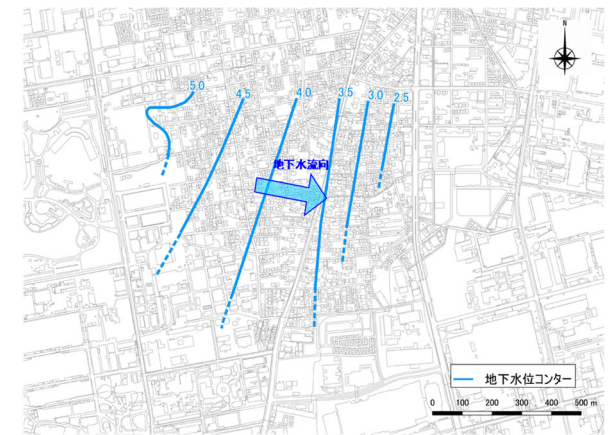


図2-4 地下水の流れと地下水位等高線
秋季：令和7年11月測定
(地下水位等高線の単位：標高 T.P. +m)

(2) 有機ヒ素化合物の分析結果

ア 全体（要調査地域）

令和7年冬季～秋季にモニタリングを行っている要調査地域外縁周辺部の7箇所において有機ヒ素化合物は検出されておらず、要調査地域の外側への地下水汚染の拡大は確認されていない。

要調査地域内において有機ヒ素化合物の検出が確認された地点は、DPAA（ジフェニルアルシン酸）、PAA（フェニルアルソン酸）及びPMAA（フェニルメチルアルシン酸）は1箇所（G-3）、PAA及びPMAAは2箇所（B-14、B-18）、PAAは2箇所（B-11、F-7）の井戸で検出され、その濃度は0.001～0.019mg-As/Lであった。

イ A事案区域内及びその周辺

令和7年冬季～秋季においてモニタリングを行っている4箇所において、有機ヒ素化合物の濃度が0.01mg-As/Lを超過した井戸は無い。本区域では、有機ヒ素化合物のうちPAAを主体とした汚染となっており、その推移は緩やかな低下傾向にある。

なお、本区域内で平成16年以降、有機ヒ素化合物の濃度が0.01mg-As/Lを超えたモニタリング井戸は3箇所（B-11、B-18、F-7）である。また、要調査地域を見直した平成24年春季以降の最大濃度は、0.027mg-As/L（平成24年冬季、春季）である。

ウ A事案区域外の北部地域周辺

令和7年冬季～秋季においてモニタリングを行っている4箇所のうち、有機ヒ素化合物の濃度が0.01mg-As/Lを超過した箇所は、令和7年冬季1箇所（B-14）、春季1箇所（B-14）、夏季1箇所（B-14）、秋季1箇所（B-14）である。その濃度は0.012～0.019mg-As/Lの範囲である。

本区域では、有機ヒ素化合物のうちPMAA及びPAAによる汚染となっており、全体としてみると、有機ヒ素化合物の濃度はほぼ横ばい傾向にある。

なお、本区域内で平成16年以降、有機ヒ素化合物の濃度が0.01mg-As/Lを超えたモニタリング井戸は5箇所（B-14、D-13、HC-0020、E-5、G-3）である。また、要調査地域を見直した平成24年春季以降の最大濃度は、0.150mg-As/L（令和5年夏季）である。

エ 要調査地域南東側

要調査地域南東側では、令和7年冬季～秋季のモニタリングにおいては、有機ヒ素化合物は検出されていない。

(3) 次年度以降の地下水モニタリングについて（案）

平塚市における地下水モニタリングについては、平成24年3月に要調査地域範囲の再設定を実施して以降、2年毎にモニタリング内容の見直しの要否を検討している。令和6年冬季～令和7年秋季の調査結果において汚染の濃度及び分布に大きな変化がないことから、令和8年度、令和9年度もこれまでと同様のモニタリングを実施することとしたい。

有機ヒ素化合物分析結果一覧表 (単位: mg-As/L、定量下限値: いずれも 0.001mg-As/L)

A事案区域内及びその周辺 (2)

F-2

採水日	H22				H23				H24				H25				H26				H27				H28				H29				H30			
	3/1	5/27	8/25	11/26	2/17	5/27	8/29	11/24	2/24	5/28	8/24	11/30	2/28	6/6	9/11	11/29	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

採水日	H31	R1				R2				R3				R4				R5				R6				R7			
	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/29	11/29	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26	
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.001	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	

F-7

採水日	H16			H17			H18				H19				H20				H21				H22				H23				H24				H25			
				11/11	1/26	5/26	8/30	11/22	2/27	5/28	8/28	11/28	2/29	5/27	8/29	11/28	2/25	5/28	8/25	11/25	3/1	5/27	8/25	11/26	2/17	5/27	8/29	11/24	2/24	5/28	8/24	11/30	2/28	6/6	9/13	11/29		
DPAA	—	—	—	N.D.	N.D.	N.D.	0.001	0.001	N.D.	N.D.	0.027	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.				
PAA	—	—	—	0.062	0.069	0.023	0.027	0.028	0.033	0.023	0.027	0.026	0.015	0.019	0.025	0.016	0.019	0.010	0.012	0.012	0.008	0.015	0.022	0.023	0.019	0.021	0.023	0.018	0.013	0.017	0.020	0.017	0.007	0.014				
PMAA	—	—	—	N.D.	N.D.	0.002	0.003	0.002	0.003	0.004	0.004	0.003	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	N.D.	0.002				

採水日	H26				H27				H28				H29				H30				H31	R1				R2				R3				R4			
	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26	2/26	5/28/	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/29	11/29	
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.003	N.D.	N.D.	N.D.	0.001	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
PAA	0.013	0.007	0.016	0.008	0.007	0.004	0.010	0.012	0.009	0.005	0.010	0.014	0.014	0.013	0.017	0.018	0.015	0.006	0.016	0.025	0.023	0.010	0.018	0.019	0.013	0.006	0.005	0.004	0.005	0.004	0.005	0.004	0.003	0.003	0.002	0.003	
PMAA	0.001	0.001	0.002	N.D.	N.D.	N.D.	0.002	0.001	0.001	N.D.	0.001	0.001	0.002	0.002	0.002	0.002	0.001	N.D.	0.002	0.002	0.002	0.001	0.002	0.001	0.001	N.D.	N.D.	N.D.	0.001	N.D.	N.D.	N.D.	0.001	N.D.	N.D.	N.D.	

採水日	R5				R6				R7			
	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	0.002	0.002	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.003
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

A事案区域外の北部地域周辺 (1)

B-14

採水日	H16				H17				H18				H19				H20				H21				H22				H23				H24				H25			
	5/31	10/12	1/27	4/28	7/11	1/26	5/26	8/30	11/22	2/27	5/28	8/27	11/27	2/29	5/27	8/29	11/27	2/25	5/28	8/25	11/25	2/27	5/28	8/25	11/26	2/17	5/27	8/29	11/24	2/24	5/28	8/24	11/30	2/28	6/6	9/13	11/29			
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.001	0.002	0.002	0.002	0.001	N.D.	0.001	0.002	0.002	0.002	0.001	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.				
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	0.002	0.003	0.004	0.004	0.006	0.013	0.016	0.012	0.020	0.025	0.020	0.018	0.023	0.026	0.025	0.027	0.021	0.024	0.039	0.046	0.042	0.058	0.047	0.052	0.061	0.079	0.061	0.060	0.023	0.081	0.084				
PMAA	0.063	0.051	0.016	0.036	0.038	0.044	0.050	0.053	0.045	0.055	0.050	0.049	0.043	0.043	0.033	0.034	0.026	0.031	0.023	0.019	0.015	0.012	0.019	0.028	0.039	0.029	0.032	0.027	0.029	0.031	0.031	0.025	0.025	0.012	0.028	0.033				

採水日	H26				H27				H28				H29				H30				H31	R1				R2				R3				R4			
	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/30	11/28	
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
PAA	0.055	0.110	0.092	0.045	0.022	0.018	0.024	0.026	0.029	0.031	0.036	0.028	0.023	0.037	0.049	0.030	0.028	0.022	0.023	0.024	0.021	0.030	0.029	0.023	0.030	0.026	0.019	0.017	0.018	0.022	0.019	0.015	0.020	0.012	0.010	0.008	
PMAA	0.021	0.033	0.018	0.011	0.017	0.026	0.019	0.017	0.020	0.021	0.024	0.020	0.024	0.036	0.029	0.019	0.022	0.019	0.019	0.021	0.018	0.030	0.024	0.023	0.025	0.028	0.021	0.019	0.023	0.029	0.020	0.012	0.022	0.018	0.015	0.013	

採水日	R5				R6				R7			
	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	0.008	0.008	0.007	0.006	0.008	0.006	0.004	0.004	0.004	0.006	0.004	0.004
PMAA	0.015	0.017	0.012	0.011	0.019	0.021	0.009	0.005	0.013	0.019	0.012	0.012

有機ヒ素化合物分析結果一覧表（単位：mg-As/L、定量下限値：いずれも 0.001mg-As/L）

A事案区域外の北部地域周辺（2）

D-13

採水日	H16			H17			H18			H19			H20			H21			H22			H23			H24			H25								
	8/18	1/27	4/28	7/11	1/26	5/26	8/30	11/22	2/27	5/24	8/27	11/27	2/29	5/27	8/29	11/27	2/25	5/28	8/25	11/25	2/27	5/28	8/25	11/26	2/17	5/27	8/29	11/24	2/24	5/28	8/24	11/30	2/28	6/6	9/13	11/29
DPAA	—	N.D.	0.001	N.D.	N.D.	0.005	N.D.	N.D.	N.D.	N.D.	0.002	0.006	0.005	0.003	0.002	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.001	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.001	0.001	0.001	N.D.	N.D.	N.D.	N.D.
PMAA	—	0.067	0.023	0.009	0.005	N.D.	0.002	0.004	0.004	0.004	0.008	0.006	0.008	0.014	0.029	0.048	0.055	0.056	0.049	0.042	0.027	0.067	0.069	0.027	0.053	0.071	0.064	0.033	0.047	0.073	0.067	0.036	0.032	0.063	0.034	0.005

採水日	H26			H27			H28			H29			H30			H31	R1			R2			R3			R4										
	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/30	11/29
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	—	—	N.D.	—	—	—	—	—	—	—	—
PAA	N.D.	0.001	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	—	—	N.D.	—	—	—	—	—	—	—	—
PMAA	0.009	0.060	0.045	0.024	0.019	0.051	0.034	0.012	0.012	0.011	0.002	0.004	N.D.	0.036	0.022	0.002	0.005	0.024	0.019	N.D.	0.006	0.031	0.055	0.003	0.028	—	—	0.001	—	—	—	—	—	—	—	

採水日	R5			R6			R7					
	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	—	—	—	—	—	—	—	—	—	—	—	—
PAA	—	—	—	—	—	—	—	—	—	—	—	—
PMAA	—	—	—	—	—	—	—	—	—	—	—	—

注)モニタリング井戸D-13は令和2年春季、夏季、令和3年冬季以降はポンプ故障のため採水不可。

H-0250

採水日	H16			H17			H18			H19			H20			H21			H22			H23			H24			H25							
DPAA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PAA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PMAA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

採水日	H26			H27			H28			H29			H30			H31	R1			R2			R3			R4										
				12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/30	11/29
DPAA	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

採水日	R5			R6			R7					
	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

注)モニタリング井戸D-8は平成26年夏季に廃止されたことから、平成26年秋季より、H-0250に替えて調査を実施。

HC-0020

採水日	H16			H17			H18			H19			H20			H21			H22			H23			H24			H25									
	4/5	10/12	1/26	4/28	7/11	1/26	5/26	8/30	11/22	2/27	5/24	8/27	11/27	2/29	5/27	8/26	11/27	2/25	5/28	8/25	11/25	3/1	5/28	8/25	11/26	2/17	5/27	8/29	11/24	2/24	5/28	8/24	11/30	2/28	6/6	9/13	11/29
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.002	0.001	0.002	0.001	0.002	0.001	0.001
PMAA	0.026	0.049	0.053	0.049	0.038	0.025	0.020	0.021	0.014	0.014	0.017	0.015	0.015	0.014	0.012	0.01	0.012	0.011	0.009	0.009	0.008	0.008	0.012	0.018	0.016	0.010	0.010	0.015	0.023	0.013	0.025	0.020	0.026	0.026	0.014	0.016	0.008

採水日	H26			H27			H28			H29			H30			H31	R1							
	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26	2/26	5/28	8/21	11/25
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	—	—
PAA	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	N.D.	0.001	0.001	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	—	—
PMAA	0.017	0.027	0.019	0.014	0.022	0.021	0.023	0.023	0.018	0.010	0.007	0.008	0.010	0.020	0.017	0.011	0.014	0.004	0.004	0.005	0.004	0.005	—	—

注)モニタリング井戸HC-0020は令和元年夏季よりポンプ故障のため、令和2年夏季よりM9に替えて調査を実施。

有機ヒ素化合物分析結果一覧表（単位：mg-As/L、定量下限値：いずれも 0.001mg-As/L）

A事業区域外の北部地域周辺（3）

M9

採水日	H16			H17			H18			H19			H20			H21			H22			H23			H24			H25		
DPAA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PAA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PMAA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

採水日	H26			H27			H28			H29			H30			H31	R1			R2			R3			R4						
DPAA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9/7	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/30	11/29
PAA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

採水日	R5				R6				R7			
	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

E-5

採水日	H16			H17			H18			H19			H20			H21			H22			H23			H24			H25									
				1/27	7/11	1/26	5/26	8/30	11/22	2/27	5/24	8/27	11/27	2/29	5/27	8/29	11/27	2/25	5/28	8/25	11/25	2/27	5/28	8/25	11/26	2/17	5/27	8/29	11/24	2/24	5/28	8/24	11/30	2/28	6/6	9/13	11/29
DPAA	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	—	—	—	0.007	0.003	0.004	0.010	0.011	0.008	0.008	0.009	0.014	0.013	0.013	0.020	0.020	0.016	0.015	0.009	0.015	0.014	0.012	0.014	0.021	0.025	0.013	0.010	0.012	0.012	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009

採水日	H26				H27				H28				H29				H30			
	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	—
PAA	N.D.	0.001	N.D.	N.D.	0.001	0.002	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.001	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	—
PMAA	0.007	0.012	0.010	0.010	0.008	0.006	0.006	0.002	0.003	0.002	0.001	0.001	0.002	0.007	0.003	0.002	0.001	0.001	0.002	—

G-3

採水日	H16			H17			H18			H19			H20			H21			H22			H23			H24			H25										
							1/26	5/26	8/30	11/22	2/27	5/24	8/28	11/27	2/29	5/27	8/29	11/27	2/25	5/28	8/25	11/25	3/1	5/28	8/26	11/26	2/17	5/27	8/29	11/24	2/24	5/28	8/24	11/30	2/28	6/6	9/13	11/29
DPAA	—	—	—	—	—	—	0.004	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.005	0.001	0.002	0.004	0.002	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.002	0.001	0.002	N.D.	0.003	0.002	0.002	0.002	0.002	0.002	N.D.	0.006
PAA	—	—	—	—	—	—	0.024	0.007	0.004	0.004	0.005	0.015	0.019	0.019	0.012	0.022	0.057	0.009	0.003	0.022	0.015	0.007	0.006	0.008	0.002	0.005	0.002	0.021	0.060	0.036	0.014	0.036	0.011	0.059	0.023	0.010	0.005	0.005
PMAA	—	—	—	—	—	—	N.D.	0.026	0.002	0.005	0.009	0.041	0.062	0.006	0.029	0.011	0.110	0.010	0.002	0.065	0.019	0.006	0.002	0.024	0.009	0.004	0.003	0.016	0.064	0.012	0.006	0.068	0.029	0.025	0.022	0.036	0.002	0.003

採水日	H26				H27				H28				H29				H30				H31	R1			R2			R3			R4					
	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/30	11/29
DPAA	0.002	0.001	0.003	0.002	0.002	0.002	0.004	0.002	0.002	N.D.	N.D.	N.D.	N.D.	0.002	0.002	0.002	0.002	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.002	0.005	0.002	0.002	0.003	0.003
PAA	0.003	0.010	0.014	0.034	0.024	0.018	0.038	0.024	0.028	0.002	0.006	0.006	0.001	0.019	0.030	0.049	0.008	0.006	0.007	0.002	0.002	0.003	0.006	0.018	0.007	0.006	0.004	0.008	0.007	0.006	0.005	0.022	0.013	0.003	0.004	0.003
PMAA	0.005	0.021	0.035	0.025	0.035	0.029	0.062	0.009	0.025	N.D.	0.007	0.007	0.005	0.037	0.032	0.075	0.004	0.004	0.003	N.D.	0.003	0.014	0.002	0.003	0.008	N.D.	N.D.	0.008	0.009	0.007	0.006	0.002	0.007	0.002	0.003	0.002

採水日	R5				R6				R7			
	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	N.D.	N.D.	0.003	0.002	N.D.	N.D.	0.003	0.005	0.003	N.D.	0.008	0.001
PAA	0.009	0.063	0.150	0.055	0.019	0.007	0.008	0.004	0.003	0.004	0.005	0.002
PMAA	0.012	0.009	0.006	N.D.	0.015	0.006	0.004	0.002	N.D.	N.D.	0.001	N.D.

有機ヒ素化合物分析結果一覧表（単位：mg-As/L、定量下限値：いずれも 0.001mg-As/L）

要調査地域南東側

J35

採水日	H22				H23				H24				H25				H26				H27				H28				H29				H30			
	2/26	5/28	8/26	11/26	2/17	5/27	8/30	11/25	2/24	5/28	8/24	11/30	2/28	6/6	9/11	11/29	2/17	6/12	8/27	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	0.001	0.001	N.D.	N.D.	N.D.	0.001	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

採水日	H31	R1			R2				R3				R4				R5				R6				R7			
	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/30	11/29	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

要調査地域外縁部周辺（1）

M3

採水日	H22				H23				H24				H25				H26				H27				H28				H29				H30			
	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	9/13	11/29	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26
DPAA	—	—	—	—	—	—	—	—	—	—	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	—	—	—	—	—	—	—	—	—	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	—	—	—	—	—	—	—	—	—	—	—	—	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

採水日	H31	R1			R2				R3				R4				R5				R6				R7			
	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/30	11/29	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

注)モニタリング井戸M1は平成24年秋季に廃止されたことから、平成25年冬季より、M3に替えて調査を実施。

M10

採水日	H22				H23				H24				H25				H26				H27				H28				H29				H30			
	2/27	5/28	8/25	11/26	2/17	5/27	8/29	11/24	2/24	5/28	8/24	11/30	2/28	6/6	9/13	11/29	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

採水日	H31	R1			R2				R3				R4				R5				R6				R7			
	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/30	11/29	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

M20

採水日	H22				H23				H24				H25				H26				H27				H28				H29				H30			
	2/27	5/28	8/25	11/26	2/17	5/27	8/29	11/24	2/24	5/28	8/24	11/30	2/28	6/6	9/13	11/29	2/17	6/12	8/28	12/3	2/19	5/27	8/25	11/27	2/23	5/30	8/30	11/30	2/21	5/30	8/29	11/29	2/28	5/31	8/28	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

採水日	H31	R1			R2				R3				R4				R5				R6				R7			
	2/26	5/28	8/21	11/25	2/26	6/29	8/26	11/25	2/26	5/27	8/31	11/30	2/28	6/6	8/30	11/29	2/28	5/29	8/30	11/29	2/26	5/27	8/26	11/25	2/27	5/27	8/26	11/26
DPAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PMAA	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

