

平成22年6月連携排砂
平成22年7月連携試験通砂及び
平成22年8月短時間集中豪雨対策
に伴う環境調査結果
デ ー タ 集

目 次

1. 水 質

(1) ダム湛水池		
① 出し平ダム湛水池	.....	1
② 宇奈月ダム湛水池	.....	1
(2) 河川		
① 猫又	.....	2
② 出し平ダム直下	.....	3
③ 黒薙	.....	4
④ 宇奈月ダム直下	.....	5
⑤ 愛本	.....	6
⑥ 下黒部橋	.....	7
(3) 海域		
① 代表4地点	.....	8
② その他21地点	.....	9
③ 濁度	.....	11

2. 水 質 (SS粒度組成)

① 出し平ダム直下	.....	13
② 猫又	.....	13
③ 黒薙	.....	14
④ 宇奈月ダム直下	.....	15
⑤ 愛本	.....	16
⑥ 下黒部橋	.....	17
⑦ C点	.....	18
⑧ 河口沖	.....	18

3. 底 質

① 出し平ダム湛水池	.....	19
② 宇奈月ダム湛水池	.....	20
③ 河川	.....	21
④ 海域	.....	22

調査地点： 出し平ダム直下

	採取日時	気温 (°C)	水温 (°C)	pH	BOD (mg/l)	COD (mg/l)	DO (mg/l)	DO飽和率 (%)	SS (mg/l)	濁度 (度)	T-N (mg/l)	T-P (mg/l)	全シリカ (mg/l)	DOメーター (mg/l)
5月調査	10/05/31 11:30	20.0	7.6	7.3	< 0.5	0.8	12.3	106	5	4	0.20	0.004	7.3	
排砂時	10/06/27 08:30	15.6	9.0	7.2			11.3	101	270	210				11.4
	10/06/27 09:00	15.7	9.2	7.2	0.9	6.5	11.2	101	250	190	0.57	0.268	80	11.2
	10/06/27 10:00	14.9	9.3	7.2	0.8	6.0	11.3	102	250	200				11.1
	10/06/27 11:00	14.9	9.4	7.2			11.4	103	260	180				11.3
	10/06/27 12:00	15.9	9.8	7.1			11.2	102	180	150				11.1
	10/06/27 13:00	17.0	9.5	7.2	0.7	4.9	11.1	100	150	130	0.48	0.175	45	11.1
	10/06/27 14:00	16.0	9.6	7.2			11.2	102	190	130				11.1
	10/06/27 15:00	15.9	9.8	7.2			11.3	103	210	130				11.1
	10/06/27 16:00	18.0	10.0	7.2	0.6	5.0	11.1	102	200	130				11.3
	10/06/27 17:00	16.1	10.0	7.1			11.2	103	200	125				11.1
	10/06/27 18:00	16.0	9.9	7.1	1.0	7.4	11.3	103	280	140				11.2
	10/06/27 19:00	16.5	10.3	7.1	1.8	15	11.0	101	660	220	0.89	0.512	210	11.1
	10/06/27 20:00	15.4	9.4	7.1	5.0	100	11.3	102	3,000	1,300	5.3	2.49	780	11.3
	10/06/27 21:00	16.0	9.8	7.2	4.4	77	11.2	102	2,500	1,320	4.4	1.75	740	11.2
	10/06/27 22:00	15.9	9.5	7.2	3.2	54	11.3	102	2,000	1,000				11.3
	10/06/27 23:00	16.1	9.6	7.2			11.2	102	1,400	620				11.3
	10/06/28 00:00	15.5	9.5	7.2			11.3	102	730	500				11.3
	10/06/28 01:00	15.6	9.5	7.2	1.3	26	11.2	101	830	450	1.1	0.683	270	11.2
	10/06/28 02:00	16.6	9.4	7.1			11.3	102	1,600	550				11.2
	10/06/28 03:00	15.7	9.6	7.1			11.1	101	3,300	600				11.3
	10/06/28 04:00	15.3	9.4	7.1	2.5	44	11.1	100	2,400	520				11.1
	10/06/28 05:00	15.6	9.4	7.0	4.5	80	11.1	100	11,800	1,160	7.7	3.15	3,500	11.3
	10/06/28 06:00	15.3	9.6	7.1	5.0	130	11.0	99.7	35,000	2,700	12	4.99	10,000	11.3
	10/06/28 07:00	16.0	9.8	7.1	6.7	270	10.9	99.3	52,000	4,000	17	6.45	15,000	11.1
	10/06/28 08:00	16.0	10.0	7.1	5.0	96	10.8	98.9	19,000	2,310	8.2	3.64	5,900	11.1
	10/06/28 09:00	17.2	10.0	7.1	3.8	87	10.9	99.8	12,000	1,350				11.0
	10/06/28 10:00	18.6	10.0	7.0	5.0	95	10.7	98.0	13,000	2,000	7.0	3.27	3,900	11.2
	10/06/28 11:00	20.4	10.4	7.1	3.8	66	10.7	98.9	11,000	1,250				11.0
	10/06/28 12:00	23.7	10.2	7.0	3.0	64	10.6	97.5	11,000	1,200	5.4	2.83	3,200	11.0
	10/06/28 13:00													
	10/06/28 14:00													
	10/06/28 15:00													
	10/06/28 16:00	19.6	10.2	7.2	0.7	3.9	10.7	98.4	1,400	200	1.5	0.750	420	11.0
	10/06/28 17:00	19.0	10.2	7.2	0.7	3.1	10.7	98.4	2,200	125				11.0
排砂1日後	10/06/29 11:20	18.6	9.6	7.1	0.5	1.2	12.0	109	35	30	0.18	0.018	18	11.0
通砂時	10/07/12 10:00	16.2	11.6	7.3	1.4	12	10.5	99.8	590	400	0.74	0.557	130	10.7
	10/07/12 11:00	16.1	11.5	7.2	1.5	12	10.6	100	1,500	400	0.80	0.615	330	10.6
	10/07/12 12:00	15.5	11.8	7.2	1.4	7.5	10.5	100	620	275	0.66	0.498	120	10.7
	10/07/12 13:00	15.9	11.5	7.2			10.5	99.5	430	200				10.5
	10/07/12 14:00	16.1	10.9	7.1			10.7	100	390	175				10.4
	10/07/12 15:00	16.0	11.0	7.0	0.8	5.3	10.7	100	300	125				10.4
	10/07/12 16:00	15.4	11.4	7.0			10.5	99.3	260	120				10.4
	10/07/12 17:00	16.0	11.5	7.0			10.6	100	750	100				10.4
	10/07/12 18:00	14.8	11.0	7.0	1.1	6.8	10.7	100	720	100	0.42	0.314	150	10.5
	10/07/12 19:00	14.5	11.2	7.0			10.7	101	920	125				10.5
	10/07/12 20:00	14.6	10.8	7.0			10.7	99.8	790	130				10.5
	10/07/12 21:00	14.9	10.8	7.0	1.8	20	10.8	101	1,100	175	1.4	1.09	220	10.5
	10/07/12 22:00	15.0	10.5	7.0	3.0	44	10.8	100	3,600	660	2.8	2.11	800	10.7
	10/07/12 23:00	15.1	10.5	7.0	3.8	56	10.8	100	6,000	650	3.2	2.46	1,200	10.7
	10/07/13 00:00	14.8	10.2	7.0	1.9	36	10.9	100	4,500	600	2.9	2.27	860	10.8
	10/07/13 01:00	15.0	10.2	7.0	1.8	23	10.7	98.4	3,600	600	1.3	0.941	720	10.8
	10/07/13 02:00													
	10/07/13 03:00													
	10/07/13 04:00													
	10/07/13 05:00													
	10/07/13 06:00													
	10/07/13 07:00	14.8	10.2	7.1	0.8	2.3	10.7	98.4	150	80	0.23	0.122	38	10.8
	10/07/13 08:00													
	10/07/13 09:00	15.9	10.5	7.1			10.7	99.1	92	55				10.6
	10/07/13 10:00	16.8	10.5	7.2	0.8	2.1	10.6	98.1	100	50	0.25	0.142	26	10.6
	10/07/13 11:00	16.5	10.8	7.2			10.6	98.9	90	45				10.5
通砂1日後	10/07/14 11:25	18.5	11.4	7.0	0.5	1.3	10.8	102	26	15	0.23	0.019	14	10.7
短時間集中豪雨対策	10/08/12 14:00									4				
	10/08/12 15:00									97				
	10/08/12 16:00									454				
	10/08/12 17:00									504				
	10/08/12 18:00									511				
	10/08/12 19:00									41				
	10/08/12 20:00									3				
	10/08/12 21:00									2				
	10/08/12 22:00									4				
	10/08/12 23:00									2				
9月調査														

分析予定なし

調査地点：黒薙

	採取日時	気温 (°C)	水温 (°C)	pH	BOD (mg/l)	COD (mg/l)	DO (mg/l)	DO飽和率 (%)	SS (mg/l)	濁度 (度)	T-N (mg/l)	T-P (mg/l)	全シリカ (mg/l)	DOメーター (mg/l)
5月調査														
排砂時	10/06/27 09:00	16.5	10.2	8.2	<0.5	7.1	10.8	99.4	350	190	0.83	0.24		10.9
	10/06/27 10:00	16.8	10.2	8.3			10.8	99.4	270	130				10.9
	10/06/27 11:00	17.5	10.2	8.3			10.8	99.4	230	100				10.9
	10/06/27 12:00	18.0	10.6	8.2	<0.5	5.3	10.7	99.4	280	130	0.89	0.21		10.9
	10/06/27 13:00	19.0	10.6	8.3			10.7	99.4	330	160				10.9
	10/06/27 14:00	18.3	10.6	8.3			10.7	99.4	550	280				10.9
	10/06/27 15:00	18.5	10.6	8.3	<0.5	9.3	10.8	100	260	130	0.94	0.17		10.9
	10/06/27 16:00	20.0	10.8	8.3			10.7	99.8	190	110				10.9
	10/06/27 17:00	19.0	10.8	8.3			10.7	99.8	150	90				10.9
	10/06/27 18:00	18.0	10.6	8.2	<0.5	3.6	10.7	99.4	150	80	0.61	0.10		10.9
	10/06/27 19:00	19.0	11.8	8.3	2.0	54	10.0	95.4	560	320	3.7	0.49		10.9
	10/06/27 20:00	15.0	11.2	8.3	8.3	500	9.5	89.5	10,000	7,000	37	7.5		10.5
	10/06/27 21:00	16.0	8.2	8.2	4.2	190	10.1	88.5	4,800	3,200	24	2.7		10.9
	10/06/27 22:00	14.8	9.2	8.3	2.2	58	10.6	95.2	2,100	1,200	3.7	1.5		10.9
	10/06/27 23:00	15.5	9.6	8.3			10.6	96.1	1,400	840				10.9
	10/06/28 00:00	15.2	9.8	8.3			10.6	96.5	1,000	600				10.8
	10/06/28 01:00	16.0	9.4	8.3	<0.5	12	10.6	95.7	840	500	1.1	0.50		10.8
	10/06/28 02:00	16.0	9.8	8.2			10.5	95.6	680	400				10.8
	10/06/28 03:00	15.2	10.2	8.2			10.6	97.5	620	300				10.8
	10/06/28 04:00	15.0	10.2	8.2	<0.5	6.5	10.6	97.5	520	250	0.81	0.30		10.8
	10/06/28 05:00	15.2	10.4	8.3			10.5	97.0	520	250				10.8
	10/06/28 06:00	15.5	10.4	8.2			10.6	98.0	810	460				10.8
	10/06/28 07:00	14.8	11.0	8.2	1.1	22	10.4	97.5	1,200	620	1.7	0.78		10.6
	10/06/28 08:00	14.8	11.2	8.2			10.2	96.1	1,200	780				10.6
	10/06/28 09:00	16.2	11.2	8.3			10.6	99.8	750	460				10.6
	10/06/28 10:00	16.5	11.1	8.2	<0.5	8.1	10.4	97.7	660	380	0.96	0.46		10.5
	10/06/28 11:00	18.2	11.0	8.2			10.4	97.5	540	290				10.5
排砂1日後	10/06/29 14:00	16.2	11.2	7.2	<0.5	2.1	10.7	101	140	60	0.40	0.28		11.1
試験通砂時	10/07/12 10:00	19.2	12.0	8.0	<0.5	4.8	10.5	101	280	150	0.52	0.18		10.2
	10/07/12 11:00	18.8	12.0	7.9			10.5	101	190	110				10.5
	10/07/12 12:00	18.2	11.8	8.0			10.5	100	160	90				10.5
	10/07/12 13:00	18.3	11.8	7.9	0.5	4.5	10.4	99.2	160	80	0.51	0.12		10.4
	10/07/12 14:00	18.8	11.8	7.9			10.5	100	120	70				10.6
	10/07/12 15:00	18.8	11.9	7.9			10.5	100	97	60				10.5
	10/07/12 16:00	17.3	11.9	7.9	<0.5	2.5	10.5	100	100	60	0.36	0.10		10.5
	10/07/12 17:00	16.9	11.9	8.0			10.5	100	98	60				10.8
	10/07/12 18:00	16.6	11.9	7.9			10.5	100	140	60				10.8
	10/07/12 19:00	16.5	11.9	8.0	<0.5	2.3	10.6	101	100	60	0.36	0.10		10.7
	10/07/12 20:00	16.0	11.8	8.0			10.6	101	98	50				10.7
	10/07/12 21:00	15.9	11.9	8.0			10.5	100	90	50				10.7
	10/07/12 22:00	16.0	11.8	8.0	0.5	1.5	10.5	100	69	40	0.30	0.072		10.7
通砂1日後	10/07/14 13:15	19.7	13.5	7.0	<0.5	1.4	10.2	101	53	15	0.29	0.090		11.0
9月調査														

分析予定なし

調査地点：宇奈月ダム直下

	採取日時	気温 (°C)	水温 (°C)	pH	BOD (mg/l)	COD (mg/l)	DO (mg/l)	DO飽和率 (%)	SS (mg/l)	濁度 (度)	T-N (mg/l)	T-P (mg/l)	全シリカ (mg/l)	DOメーター (mg/l)	
5月調査 排砂時	10/05/19 13:00	18.0	9.0	7.5	0.5	1.2	11.7	105	6	6	0.25	0.010	1.8	11.2	
	10/06/27 08:40	18.8	10.8	7.2	0.5	2.8	10.9	102	90	50	0.44	0.089	43	11.3	
	10/06/27 09:00	18.4	10.9	7.2	<0.5	3.3	10.9	102	100	60	0.43	0.11	80	11.3	
	10/06/27 10:00	17.8	10.6	7.2	0.6	3.7	10.9	101	150	120	0.51	0.15	110	11.4	
	10/06/27 11:00	17.9	10.7	7.2	0.5	3.9	10.9	101	190	150	0.59	0.19	95	11.5	
	10/06/27 12:00	19.0	10.4	7.2	1.0	4.7	10.9	101	250	180	0.63	0.22	120	11.6	
	10/06/27 13:00	18.8	10.3	7.2	0.6	4.6	11.0	101	240	190	0.53	0.22	120	11.4	
	10/06/27 14:00	18.5	10.1	7.2	1.1	5.0	10.9	100	260	190	0.59	0.22	130	11.3	
	10/06/27 15:00	18.6	10.1	7.2	1.0	4.7	10.9	100	230	180	0.57	0.23	120	11.3	
	10/06/27 16:00	18.6	10.0	7.2	0.5	4.4	10.9	99.8	240	180	0.60	0.27	130	11.3	
	10/06/27 17:00	17.9	10.2	7.2	0.7	4.4	10.9	100	240	170	0.60	0.21	120	11.3	
	10/06/27 18:00	17.2	10.2	7.1	1.0	4.5	10.9	100	230	170	0.62	0.26	130	11.4	
	10/06/27 19:00	16.9	10.4	7.1	0.7	5.3	10.9	101	260	180	0.60	0.23	120	11.2	
	10/06/27 20:00	17.4	10.1	7.1	0.9	9.4	11.0	101	270	220	0.97	0.32	150	11.3	
	10/06/27 21:00	17.5	10.1	7.2	2.2	44	11.0	101	960	880	2.9	0.94	550	11.5	
	10/06/27 22:00	17.6	10.1	7.2	3.1	46	11.0	101	1,900	1,400	7.1	1.2	1,000	11.3	
	10/06/27 23:00	16.8	10.0	7.2	1.9	33	11.1	102	1,400	1,400	9.8	1.1	790	11.3	
	10/06/28 00:00	16.1	9.8	7.2	1.3	23	11.2	102	1,000	1,000	2.2	0.91	580	11.5	
	10/06/28 01:00	16.4	9.9	7.2	1.4	16	11.3	103	830	800	1.1	0.69	480	11.4	
	10/06/28 02:00	16.1	9.9	7.2	1.1	13	11.4	104	730	550	1.0	0.66	420	11.4	
	10/06/28 03:00	16.0	9.8	7.2	0.9	11	11.5	105	610	420	0.9	0.62	360	11.6	
	10/06/28 04:00	15.2	9.8	7.2	0.9	13	11.5	105	640	370	0.9	0.58	410	11.8	
	10/06/28 05:00	15.4	10.0	7.2	1.4	16	11.4	104	770	370	1.1	0.64	410	11.8	
	10/06/28 06:00	15.6	9.9	7.2	1.5	22	11.5	105	1,000	410	1.4	0.78	520	11.7	
	10/06/28 07:00	15.8	9.9	7.2	1.0	20	11.5	105	1,000	520	1.2	0.82	620	11.7	
	10/06/28 08:00	16.5	10.2	7.2	2.0	37	11.3	104	2,000	900	2.0	1.6	1,100	11.6	
	10/06/28 09:00	19.8	10.5	7.2	2.7	48	10.9	101	2,200	1,000	3.1	2.0	1,100	11.7	
	10/06/28 10:00	17.2	10.5	7.2	5.4	160	10.9	101	5,300	2,200	9.4	4.9	3,100	11.4	
	10/06/28 11:00	20.2	10.5	7.2	16	400	10.6	98.2	14,000	6,500	31	13	10,000	11.0	
	10/06/28 12:00	20.9	10.5	7.2	11	320	10.9	101	12,000	4,500	23	15	8,500	11.2	
	10/06/28 13:00	21.7	10.5	7.2	4.7	160	11.4	106	4,900	2,700	9.0	2.4	3,700	11.7	
	10/06/28 14:00	23.2	10.9	7.2	2.9	93	10.7	100	3,900	1,100	5.8	2.6	1,900	11.0	
	10/06/28 15:00	22.0	11.2	7.2	1.3	26	10.6	99.8	1,300	600	1.6	1.1	760	11.2	
	10/06/28 16:00	21.5	11.5	7.3	0.6	8.4	10.5	99.5	740	290	0.73	0.67	290	10.7	
	10/06/28 17:00	20.7	11.3	7.3	1.0	5.5	10.6	100	450	240	0.60	0.33	260	10.9	
	10/06/28 18:00	19.8	11.1	7.3	0.6	5.4	10.7	100	440	220	0.64	0.29	230	10.9	
	10/06/28 19:00	18.6	11.0	7.3	0.5	4.7	10.7	100	490	220	0.57	0.32	260	10.9	
	10/06/28 20:00	17.6	10.6	7.2	0.6	4.7	11.3	105	710	230	0.56	0.39	510	11.5	
	10/06/28 21:00	17.1	10.5	7.2			11.4	106	490	210				11.6	
	10/06/28 22:00	17.0	10.4	7.2			11.4	105	530	190				11.6	
	10/06/28 23:00	17.1	10.5	7.2	0.5	4.6	11.2	104	600	160	0.65	0.31	200	11.5	
	10/06/29 00:00	17.0	10.6	7.2			11.1	103	260	120				11.3	
	排砂1日後 通砂時	10/06/29 09:30	18.2	10.5	7.6	<0.5	1.8	10.9	101	92	80	0.38	0.094	52	10.8
		10/07/12 09:00	18.0	11.8	7.2	0.5	2.4	11.3	108	430	30	0.39	0.055	130	11.4
		10/07/12 10:00	17.6	11.8	7.3	<0.5	4.8	11.3	108	320	70	0.50	0.11	160	11.5
		10/07/12 11:00	17.0	12.0	7.3	0.5	6.2	11.2	107	360	110	0.61	0.15	110	11.3
		10/07/12 12:00	16.8	12.0	7.3	<0.5	6.2	11.3	108	280	150	0.72	0.22	160	11.4
		10/07/12 13:00	16.4	12.0	7.2	<0.5	6.0	11.4	109	300	210	0.73	0.24	190	11.5
10/07/12 14:00		16.9	12.2	7.2	<0.5	7.1	11.2	108	670	270	0.68	0.35	320	11.5	
10/07/12 15:00		16.2	12.3	7.2	<0.5	7.1	11.0	106	410	270	0.82	0.30	290	11.3	
10/07/12 16:00		15.7	12.1	7.2	0.5	6.9	11.2	108	690	270	1.0	0.49	290	11.3	
10/07/12 17:00		15.7	12.0	7.2	0.7	7.4	11.2	107	740	260	0.92	0.49	480	11.4	
10/07/12 18:00		15.6	11.9	7.2	<0.5	6.7	11.3	108	410	220	0.63	0.37	320	11.4	
10/07/12 19:00		15.0	11.7	7.2	0.5	7.6	11.3	108	790	190	0.94	0.48	470	11.4	
10/07/12 20:00		15.0	11.5	7.2	1.1	8.5	11.4	108	500	190	0.76	0.35	340	11.5	
10/07/12 21:00		15.0	11.3	7.2	1.2	11	11.5	108	610	240	0.91	0.50	420	11.7	
10/07/12 22:00		14.8	11.2	7.2	2.3	19	11.5	108	950	300	1.3	0.69	660	11.7	
10/07/12 23:00		14.1	11.0	7.2	3.0	60	11.6	109	2,900	1,100	4.7	1.9	2,000	12.0	
10/07/13 00:00		14.7	10.8	7.3	2.8	87	11.7	109	4,300	1,700	5.8	2.5	2,700	12.1	
10/07/13 01:00		15.4	11.0	7.3	3.3	67	11.0	103	2,500	950	3.1	1.7	1,700	11.5	
10/07/13 02:00		15.0	11.0	7.3	2.5	26	11.0	103	1,200	650	2.0	1.1	840	11.4	
10/07/13 03:00		15.3	10.8	7.3	<0.5	9.3	10.8	101	620	280	0.94	0.52	230	11.2	
10/07/13 04:00		15.7	10.9	7.3	0.5	5.7	10.9	102	410	230	0.81	0.36	250	10.9	
10/07/13 05:00		15.9	10.9	7.3	<0.5	4.6	10.8	101	300	200	0.51	0.23	200	11.0	
10/07/13 06:00		16.0	10.9	7.2	<0.5	3.8	10.9	102	280	180	0.56	0.20	170	11.0	
10/07/13 07:00		16.1	10.9	7.2	<0.5	3.5	10.9	102	240	180	0.43	0.16	130	11.0	
10/07/13 08:00		17.1	11.0	7.2	<0.5	3.0	10.9	102	220	150	0.46	0.14	120	11.0	
10/07/13 09:00		17.0	11.0	7.2	0.7	3.0	10.9	102	160	130	0.38	0.13	92	11.1	
10/07/13 10:00		19.5	11.1	7.2	0.5	2.8	10.7	100	160	130	0.38	0.11	100	10.8	
10/07/13 11:00		17.2	11.1	7.2	<0.5	2.6	10.8	101	140	120	0.43	0.13	120	10.9	
10/07/13 12:00		17.8	11.1	7.2	<0.5	3.1	10.9	102	180	120	0.44	0.11	110	10.9	
10/07/13 13:00		17.6	11.0	7.2			11.2	105	140	120				11.3	
10/07/13 14:00		16.2	10.9	7.2	<0.5	3.4	11.6	108	240	120	0.45	0.18	190	11.7	
10/07/13 15:00		17.4	10.9	7.2			11.5	107	200	110				11.7	
10/07/13 16:00	17.9	11.0	7.2			11.5	108	230	110				11.5		
10/07/13 17:00	17.9	11.0	7.2	<0.5	2.5	11.2	105	160	100	0.32	0.094	50	11.3		
10/07/14 14:00	19.0	13.2	7.3	0.6	1.8	10.4	103	44	60	0.29	0.090	30	10.1		
通砂1日後 短時間集 中豪雨対 策	10/08/12 17:00									31					
	10/08/12 18:00									53					
	10/08/12 19:00									91					
	10/08/12 20:00									123					
	10/08/12 21:00									161					
	10/08/12 22:00									195					
	10/08/12 23:00									202					
	10/08/13 00:00									200					
9月調査	10/08/13 01:00									192					

分析予定なし

調査地点： 爰本

	採取日時	気温 (°C)	水温 (°C)	pH	BOD (mg/l)	COD (mg/l)	DO (mg/l)	DO飽和率 (%)	SS (mg/l)	濁度 (度)	T-N (mg/l)	T-P (mg/l)	全シリカ (mg/l)	DOマ-ター (mg/l)
5月調査	10/05/19 14:00	19.0	10.5	7.6	<0.5	1.0	11.1	103	4	5	0.28	0.007	1.9	10.9
排砂時	10/06/27 08:30	23.2	11.1	7.0	<0.5	3.6	10.7	100	120	80	0.39	0.085	74	11.1
	10/06/27 09:00	23.8	11.1	6.8			10.7	100	100	70				11.4
	10/06/27 10:00	24.2	11.1	6.8			10.7	100	130	110				11.3
	10/06/27 11:00	25.1	11.0	7.0	0.6	4.7	10.7	100	190	150	0.50	0.18	86	11.1
	10/06/27 12:00	25.8	11.1	6.9			10.6	99.5	180	200				11.0
	10/06/27 13:00	25.4	11.0	7.0			10.7	100	340	220				11.0
	10/06/27 14:00	23.7	10.9	6.9	0.8	5.9	10.7	100	240	220	0.56	0.24	110	10.9
	10/06/27 15:00	24.9	10.6	6.9			10.7	99.4	250	210				11.0
	10/06/27 16:00	25.8	10.6	7.0			10.8	100	240	200				11.1
	10/06/27 17:00	23.4	10.5	7.1	0.8	6.3	10.8	100	350	210	0.79	0.22	240	11.1
	10/06/27 18:00	22.8	10.6	7.0			10.8	100	320	200				11.1
	10/06/27 19:00	23.0	11.5	7.1			10.7	101	290	200				10.8
	10/06/27 20:00	20.8	12.6	7.1	8	240	10.5	102	1,500	1,500	18	1.4	410	10.8
	10/06/27 21:00	21.3	11.7	7.0			10.5	100	550	450				10.8
	10/06/27 22:00	22.4	11.5	6.9			10.5	99.5	1,300	1,100				10.7
	10/06/27 23:00	22.4	11.4	7.0	2.2	41	10.6	100	1,600	1,400	5.2	1.1	870	10.9
	10/06/28 00:00	23.0	11.1	7.1			10.5	98.6	1,200	1,200				10.7
	10/06/28 01:00	19.7	11.1	7.1			10.7	100	920	900				10.8
	10/06/28 02:00	19.4	11.0	7.1	1.3	13	10.7	100	770	700	1.0	0.57	390	10.9
	10/06/28 03:00	20.4	10.9	7.0			10.6	99.1	620	570				10.8
	10/06/28 04:00	22.8	10.8	6.9			10.7	99.8	610	440				10.9
	10/06/28 05:00	22.8	10.9	6.9	0.9	10	10.7	100	560	410	1.0	0.49	350	10.9
	10/06/28 06:00	21.9	11.1	6.8	1.5	27	10.6	99.5	860	550	1.7	0.76	530	10.7
	10/06/28 07:00	21.0	11.9	6.7	1.4	31	10.5	100	780	540	1.9	0.84	500	10.8
	10/06/28 08:00	21.0	11.7	6.9	1.3	24	10.4	99.1	930	640	1.8	0.79	530	10.7
	10/06/28 09:00	23.0	11.5	7.1	2.3	35	10.5	99.5	1,600	900	2.3	1.5	660	10.7
	10/06/28 10:00	24.0	11.5	7.2	2.6	77	10.2	96.7	2,500	1,500	7.9	2.7	1,300	10.4
	10/06/28 11:00	24.8	11.6	7.2	4.9	140	10.4	98.9	3,900	2,800	12	5.9	2,300	10.6
	10/06/28 12:00	24.4	11.7	7.2	16	460	10.0	95.2	10,000	5,200	27	9.2	6,700	10.6
	10/06/28 13:00	25.0	11.7	7.2	10	380	10.0	95.2	8,900	5,000	18	6.5	4,800	10.6
	10/06/28 14:00	25.2	11.7	7.1	3.8	130	10.2	97.1	3,400	1,300	7.7	3.5	2,200	10.8
	10/06/28 15:00	26.0	12.5	7.2	2.4	52	10.2	98.9	1,800	1,000	3.2	1.6	760	10.4
	10/06/28 16:00	25.2	12.9	7.2	1.9	35	10.2	99.8	1,300	640	2.5	1.1	480	10.7
	10/06/28 17:00	25.4	13.0	7.2	0.6	10	10.2	100	710	350	0.81	0.52	350	10.7
	10/06/28 18:00	25.3	13.0	7.2			10.2	100	560	270				10.7
	10/06/28 19:00	23.2	13.0	7.0	0.7	5.4	10.2	100	420	230	0.64	0.35	280	10.8
	10/06/28 20:00	21.0	12.0	7.2			10.5	101	360	220				10.9
	10/06/28 21:00	23.4	12.5	7.2			10.4	101	710	350				11.0
	10/06/28 22:00	23.4	11.5	7.1	0.9	6.0	10.6	100	660	230	0.70	0.45	370	11.0
	10/06/28 23:00	22.2	11.1	7.2			10.7	100	450	220				11.0
	10/06/29 00:00	19.4	11.1	7.3			10.7	100	370	170				10.9
	10/06/29 01:00	20.2	11.2	7.3	0.5	4.4	10.7	101	260	130	0.48	0.30	160	10.9
排砂 1日後	10/06/29 10:30	22.2	12.0	7.5	<0.5	2.4	10.5	101	100	70	0.43	0.13	62	10.5
通砂時	10/07/12 09:00	22.2	12.8	7.0	0.5	3.1	10.4	102	180	35	0.32	0.20	150	10.8
	10/07/12 10:00	22.0	12.8	7.1			10.4	102	160	35				10.7
	10/07/12 11:00	21.6	12.8	7.1			10.4	102	280	110				10.8
	10/07/12 12:00	21.0	12.8	7.1	0.8	6.5	10.4	102	340	130	0.61	0.30	170	10.8
	10/07/12 13:00	20.2	12.9	7.0			10.5	103	410	180				10.9
	10/07/12 14:00	19.8	13.0	7.1			10.4	102	470	190				10.8
	10/07/12 15:00	19.4	13.0	7.2	0.8	6.8	10.4	102	470	200	0.63	0.40	300	10.8
	10/07/12 16:00	19.6	12.9	7.1			10.5	103	480	200				10.8
	10/07/12 17:00	20.4	12.8	7.2			10.5	103	460	200				10.9
	10/07/12 18:00	19.4	12.5	7.1	1.2	6.5	10.5	102	400	180	0.63	0.37	230	10.8
	10/07/12 19:00	18.2	12.2	7.2			10.6	102	430	170				10.9
	10/07/12 20:00	18.8	12.0	7.1	1.9	7.8	10.7	103	440	170	0.74	0.39	280	10.9
	10/07/12 21:00	18.4	11.9	7.1	1.8	8.1	10.8	103	420	170	0.72	0.34	260	10.9
	10/07/12 22:00	18.9	11.7	7.0	1.3	11	11.0	105	660	200	1.0	0.52	350	11.1
	10/07/12 23:00	17.7	11.5	7.0	1.4	29	11.0	104	990	330	1.7	0.78	700	11.1
	10/07/13 00:00	17.6	11.2	7.0	3.2	94	10.9	103	4,100	900	5.6	2.6	1,900	11.0
	10/07/13 01:00	17.8	11.2	7.0	2.8	67	10.7	101	2,600	700	3.8	1.7	1,600	10.8
	10/07/13 02:00	17.4	11.5	7.0	1.4	26	10.6	100	1,100	450	1.8	0.83	550	10.6
	10/07/13 03:00	18.0	11.5	7.0	1.1	22	10.6	100	890	340	1.7	0.81	550	10.5
	10/07/13 04:00	18.0	11.5	7.0			10.5	99.5	630	220				10.5
	10/07/13 05:00	18.4	11.6	7.0			10.5	99.8	340	200				10.6
	10/07/13 06:00	18.4	11.6	6.9	0.8	4.1	10.4	98.9	260	130	0.49	0.25	140	10.6
	10/07/13 07:00	19.4	11.8	7.0			10.3	98.3	230	120				10.6
	10/07/13 08:00	20.0	11.9	6.9			10.3	98.6	210	100				10.6
	10/07/13 09:00	20.6	12.0	7.0	<0.5	2.8	10.4	99.7	140	90	0.37	0.17	110	10.6
	10/07/13 10:00	21.2	12.1	7.1			10.4	100	130	70				10.5
	10/07/13 11:00	20.8	12.2	7.1			10.4	100	120	70				10.5
	10/07/13 12:00	21.4	12.3	7.1	<0.5	2.6	10.4	100	110	60	0.30	0.11	95	10.5
	10/07/13 13:00	21.4	12.3	7.0			10.4	100	140	60				10.6
	10/07/13 14:00	20.7	12.0	7.1			10.7	103	1,000	180				10.8
	10/07/13 15:00	20.5	12.1	7.1	<0.5	4.2	10.8	104	340	120	0.49	0.28	210	11.0
	10/07/13 16:00	20.8	12.1	7.1			10.7	103	270	60				10.9
	10/07/13 17:00	21.4	12.0	7.1			10.6	102	200	60				10.9
	10/07/13 18:00	20.2	12.0	6.9	<0.5	2.9	10.5	101	120	40	0.32	0.12	97	10.6
通砂 1日後	10/07/14 15:00	23.0	13.5	7.3	<0.5	1.9	10.0	99.5	41	50	0.30	0.091	24	10.1
9月調査														

分析予定なし

調査地点：下黒部橋

	採取日時	気温 (°C)	水温 (°C)	pH	BOD (mg/l)	COD (mg/l)	DO (mg/l)	DO飽和率 (%)	SS (mg/l)	濁度 (度)	T-N (mg/l)	T-P (mg/l)	全シリカ (mg/l)	DOメーター (mg/l)
5月調査	10/05/19 15:00	20.0	10.0	7.7	0.8	1.6	11.4	104	7	5	0.21	0.012	2.8	11.0
排砂時	10/06/27 08:30	22.8	11.6	7.4	1.2	5.7	10.6	101	350	150	0.70	0.29	190	10.8
	10/06/27 09:00	23.4	11.5	7.4			10.6	100	330	130				10.8
	10/06/27 10:00	23.2	11.5	7.5			10.6	100	250	130				10.8
	10/06/27 11:00	24.8	11.8	7.4	0.9	5.0	10.6	101	280	130	0.70	0.45	160	10.8
	10/06/27 12:00	26.0	11.9	7.5			10.6	101	300	170				10.9
	10/06/27 13:00	24.0	11.7	7.5			10.6	101	370	190				10.8
	10/06/27 14:00	21.6	11.5	7.4	0.8	5.8	10.6	100	410	220	0.65	0.28	240	10.8
	10/06/27 15:00	22.0	11.8	7.5			10.7	102	400	230				10.6
	10/06/27 16:00	23.0	11.4	7.5			10.6	100	360	220				10.8
	10/06/27 17:00	24.1	11.1	7.5	0.6	5.5	10.7	100	350	210	0.52	0.35	200	10.7
	10/06/27 18:00	22.2	11.5	7.5			10.6	100	340	200				10.8
	10/06/27 19:00	22.6	11.8	7.5			10.6	101	380	210				10.8
	10/06/27 20:00	22.8	12.0	7.4	1.4	5.8	10.6	102	330	200	0.60	0.32	180	10.8
	10/06/27 21:00	23.0	12.1	7.4			10.5	101	670	500				10.7
	10/06/27 22:00	23.0	12.2	7.4			10.5	101	660	510				10.8
	10/06/27 23:00	21.8	12.0	7.4	3.2	33	10.5	101	620	540	2.0	0.66	390	10.7
	10/06/28 00:00	22.6	12.6	7.4			10.5	102	1,400	1,200				10.7
	10/06/28 01:00	22.4	12.3	7.5			10.6	102	1,500	1,300				10.8
	10/06/28 02:00	22.4	12.0	7.4	2.1	23	10.6	102	1,000	1,100	1.5	0.81	720	10.8
	10/06/28 03:00	23.0	12.0	7.4			10.6	102	830	800				10.7
	10/06/28 04:00	22.4	12.0	7.4			10.6	102	700	620				10.8
	10/06/28 05:00	21.9	12.5	7.4	1.2	11	10.6	103	610	550	0.98	0.58	430	10.8
	10/06/28 06:00	21.8	12.5	7.4	1.0	9.4	10.6	103	600	450	0.88	0.52	390	10.8
	10/06/28 07:00	22.5	12.5	7.5	1.0	11	10.6	103	670	450	0.99	0.54	410	10.8
	10/06/28 08:00	23.1	12.5	7.4	1.3	25	10.6	103	890	520	1.2	0.70	490	10.9
	10/06/28 09:00	24.6	13.3	7.3	1.7	22	10.6	105	900	500	1.5	0.67	460	10.8
	10/06/28 10:00	24.8	13.1	7.4	2.2	36	10.5	103	1,400	800	1.7	1.2	810	10.8
	10/06/28 11:00	24.3	13.7	7.4	2.9	52	10.5	105	1,800	930	4.5	1.6	1,100	10.7
	10/06/28 12:00	24.2	13.3	7.4	4.3	110	10.5	104	3,400	1,600	8.3	3.2	1,900	10.7
	10/06/28 13:00	24.1	13.0	7.3	10	290	10.4	102	7,200	3,400	20	6.5	4,000	10.6
	10/06/28 14:00	23.9	13.1	7.3	12	350	9.9	97.4	10,000	4,200	29	11	5,800	10.5
	10/06/28 15:00	23.9	13.5	7.3	5.5	140	10.3	102	5,600	2,300	11	5.1	3,600	10.5
	10/06/28 16:00	24.7	13.7	7.3	4.8	120	10.3	103	3,600	1,600	8.7	2.9	2,100	10.5
10/06/28 17:00	25.0	14.0	7.3	3.7	55	10.3	103	2,400	1,000	3.1	1.7	1,400	10.5	
10/06/28 18:00	25.3	14.0	7.3			10.3	103	2,000	880				10.5	
10/06/28 19:00	24.4	13.9	7.4			10.3	103	1,200	550				10.5	
10/06/28 20:00	24.3	13.9	7.4	1.2	15	10.3	103	870	400	1.3	0.65	660	10.5	
10/06/28 21:00	24.3	13.6	7.4			10.3	102	610	300				10.5	
10/06/28 22:00	24.0	13.1	7.3			10.4	102	2,900	650				10.6	
10/06/28 23:00	23.0	12.7	7.4	1.5	14	10.5	102	1,000	370	1.0	1.0	730	10.7	
10/06/29 00:00	19.5	12.5	7.4			10.5	102	740	270				10.7	
10/06/29 01:00	21.0	12.0	7.4			10.5	101	840	250				10.7	
10/06/29 02:00	22.2	12.2	7.4	0.7	7.9	10.5	101	630	230	0.80	0.45	470	10.7	
排砂1日後	10/06/29 11:30	22.2	12.4	7.5	0.5	4.1	10.3	99.8	230	90	0.53	0.17	190	10.4
通砂時	10/07/12 09:00	22.7	13.4	7.2	<0.5	4.1	10.4	103	470	50	0.53	0.26	390	10.6
	10/07/12 10:00	22.4	13.2	7.3			10.4	102	950	150				10.6
	10/07/12 11:00	20.8	13.0	7.2			10.4	102	910	170				10.5
	10/07/12 12:00	21.8	12.9	7.2	0.6	8.0	10.3	101	790	170	0.94	0.43	550	10.6
	10/07/12 13:00	22.4	13.0	7.3			10.4	102	740	200				10.6
	10/07/12 14:00	21.7	13.1	7.3			10.4	102	860	240				10.7
	10/07/12 15:00	22.1	13.2	7.2	0.6	8.1	10.4	102	710	280	0.82	0.50	500	10.6
	10/07/12 16:00	22.3	13.2	7.3			10.3	101	850	320				10.6
	10/07/12 17:00	21.8	13.3	7.2			10.3	102	510	300				10.6
	10/07/12 18:00	22.0	13.2	7.3	<0.5	7.7	10.3	101	570	300	0.71	0.42	340	10.6
	10/07/12 19:00	21.4	13.0	7.3			10.4	102	520	290				10.6
	10/07/12 20:00	21.4	12.8	7.3	1.1	8.1	10.3	101	510	250	0.76	0.42	300	10.6
	10/07/12 21:00	18.7	12.4	7.3	1.3	8.0	10.4	101	430	260	0.79	0.50	340	10.7
	10/07/12 22:00	17.7	12.2	7.3	1.0	8.9	10.4	100	510	250	0.84	0.44	390	10.7
	10/07/12 23:00	21.1	12.1	7.3	0.9	10	10.4	100	590	270	0.89	0.50	420	10.7
	10/07/13 00:00	21.7	11.9	7.4	0.9	17	10.5	100	800	350	1.6	0.60	590	10.7
	10/07/13 01:00	21.7	11.7	7.3	2.2	34	10.5	100	1,500	700	2.7	1.2	900	10.7
	10/07/13 02:00	21.5	11.8	7.3	3.9	130	10.4	99.2	3,600	1,800	7.0	2.2	1,800	10.7
	10/07/13 03:00	21.6	12.0	7.3			10.4	99.7	2,700	1,400				10.6
	10/07/13 04:00	21.6	11.9	7.4	1.4	39	10.5	100	1,100	800	2.9	1.1	800	10.6
	10/07/13 05:00	20.6	12.0	7.4			10.5	101	1,000	540				10.6
	10/07/13 06:00	19.5	12.0	7.4			10.4	99.7	860	500				10.6
	10/07/13 07:00	20.0	12.1	7.4	0.9	12	10.4	100	560	300	1.0	0.45	320	10.7
	10/07/13 08:00	20.8	12.4	7.4			10.4	101	370	210				10.7
	10/07/13 09:00	21.4	12.8	7.3			10.4	102	290	170				10.7
	10/07/13 10:00	21.2	12.8	7.4	0.6	4.0	10.3	101	250	150	0.53	0.23	190	10.6
	10/07/13 11:00	20.6	13.2	7.4			10.3	101	230	140				10.6
10/07/13 12:00	22.2	13.4	7.4			10.3	102	210	130				10.6	
10/07/13 13:00	23.8	13.6	7.4	0.6	4.0	10.3	102	190	120	0.46	0.15	130	10.6	
10/07/13 14:00	22.7	14.4	7.4			10.2	103	330	120				10.5	
10/07/13 15:00	22.0	13.9	7.4			10.3	103	260	170				10.6	
10/07/13 16:00	22.5	12.6	7.4	0.5	8.6	10.4	101	960	310	0.89	0.63	620	10.7	
10/07/13 17:00	22.4	12.5	7.4			10.4	101	530	270				10.7	
10/07/13 18:00	20.5	12.5	7.3			10.4	101	460	130				10.7	
10/07/13 19:00	21.5	12.5	7.3	<0.5	4.4	10.4	101	380	130	0.52	0.30	290	10.7	
通砂1日後	10/07/14 16:00	23.0	14.0	7.3	1.2	2.1	10.1	101	77	60	0.29	0.11	25	9.9
9月調査														

分析予定なし

調査地点：石田沖

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:15	曇	24.0	22.2	3.5	15	13.1
	10/06/28 12:32	曇	23.5	23.2	3.7	14	13.4
	10/06/28 15:07	曇	25.2	22.7	3.4	21	13.1
排砂 1日後	10/06/29 09:10	雨	23.0	22.7	3.9	9	13.1
通砂時	10/07/12 15:15	曇	21.8	24.6	2.2	8	13.1
	10/07/13 08:10	雨	21.5	23.2	2.1	4	12.9
	10/07/13 12:35	曇	22.7	22.0	2.1	8	13.1
	10/07/13 15:00	雨	22.5	23.5	1.6	5	13.1
通砂 1日後	10/07/14 09:15	曇	27.0	23.2	3.1	8	13.5

調査地点：P-4

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:38	曇	25.2	22.7	2.6	8	461.0
	10/06/28 12:55	曇	23.5	23.2	2.1	5	456.0
	10/06/28 15:30	曇	24.0	23.2	1.6	5	458.0
排砂 1日後	10/06/29 09:35	雨	23.6	23.0	2.2	3	455.0
通砂時	10/07/12 15:35	曇	23.2	24.0	1.8	5	456.0
	10/07/13 08:35	雨	21.2	23.5	2.0	2	456.0
	10/07/13 13:00	曇	23.8	24.1	1.4	2	455.0
	10/07/13 15:25	雨	23.2	24.0	0.8	2	456.0
通砂 1日後	10/07/14 09:40	曇	26.0	23.6	1.9	7	459.0

調査地点：P-6

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 09:20	曇	24.8	22.5	2.7	11	237.0
	10/06/28 13:42	曇	24.0	23.0	3.6	13	234.0
	10/06/28 16:15	曇	25.0	23.2	3.2	9	239.0
排砂 1日後	10/06/29 10:20	雨	23.5	23.0	2.7	4	233.0
通砂時	10/07/12 16:25	曇	21.5	24.0	2.0	3	233.0
	10/07/13 09:20	雨	21.4	22.6	2.2	4	234.0
	10/07/13 13:45	曇	23.2	24.0	1.9	4	236.0
	10/07/13 16:10	曇	22.8	24.0	1.6	3	234.0
通砂 1日後	10/07/14 10:35	曇	25.0	23.6	2.3	6	236.0

調査地点：P-10

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 09:10	曇	25.0	22.5	2.4	9	341.0
	10/06/28 13:30	曇	24.5	23.0	3.7	13	338.0
	10/06/28 16:00	曇	26.0	23.2	1.6	4	341.0
排砂 1日後	10/06/29 10:10	雨	23.4	22.7	3.0	4	342.0
通砂時	10/07/12 16:10	曇	21.2	22.0	3.1	53	336.0
	10/07/13 09:05	雨	21.6	23.5	1.9	3	341.0
	10/07/13 13:30	雨	24.5	24.0	2.0	3	341.0
	10/07/13 15:55	曇	23.0	23.6	1.3	3	339.0
通砂 1日後	10/07/14 10:15	曇	27.0	24.2	2.0	5	341.0

調査地点：P-12

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 07:53	曇	22.2	18.6	6.2	350	48.2
	10/06/28 12:38	曇	23.2	17.2	25	1,900	50.0
	10/06/28 15:40	曇	26.4	16.0	4.9	120	51.0
排砂 1日後	10/06/29 11:02	雨	20.0	19.0	2.5	55	56.0
通砂時	10/07/12 16:02	曇	21.0	20.5	4.6	220	51.0
	10/07/13 08:58	雨	22.0	23.3	2.9	35	53.0
	10/07/13 12:46	雨	23.2	24.5	1.6	15	49.0
	10/07/13 15:47	曇	21.8	22.8	2.9	200	47.0
通砂 1日後	10/07/14 10:28	曇	27.0	21.8	2.6	27	48.0

調査地点：P-16

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 07:35	曇	20.8	18.3	3.5	93	143.0
	10/06/28 12:26	曇	23.8	19.8	4.3	83	140.0
	10/06/28 15:26	曇	26.2	21.5	3.4	45	141.0
排砂 1日後	10/06/29 12:26	雨	22.0	22.6	1.9	5	134.0
通砂時	10/07/12 15:52	曇	20.8	22.0	2.8	85	137.0
	10/07/13 08:44	雨	22.0	23.1	2.0	14	140.0
	10/07/13 12:33	雨	22.7	24.2	2.1	9	137.0
	10/07/13 15:37	曇	22.9	22.6	1.6	14	138.0
通砂 1日後	10/07/14 10:19	晴	28.2	24.4	1.9	4	136.0

調査地点：P-2

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:30	曇	24.0	22.7	1.0	1	659.0
	10/06/28 12:45	曇	22.7	23.0	0.9	2	654.0
	10/06/28 15:20	曇	25.5	23.3	1.0	1	656.0
排砂 1日後	10/06/29 09:25	雨	23.8	23.0	0.9	1	654.0
通砂時	10/07/12 15:25	曇	22.2	24.1	1.9	3	656.0
	10/07/13 08:25	雨	21.2	23.6	1.7	1	654.0
	10/07/13 12:50	曇	23.5	24.0	1.8	4	654.0
	10/07/13 15:15	曇	23.0	23.8	1.3	4	656.0
通砂 1日後	10/07/14 09:30	曇	25.0	23.0	2.3	8	660.0

調査地点：P-9

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 09:25	曇	25.0	20.8	3.5	50	40.5
	10/06/28 13:35	曇	24.2	22.2	3.6	33	40.5
	10/06/28 16:07	曇	26.5	23.2	3.6	13	40.5
排砂 1日後	10/06/29 10:15	雨	22.0	20.5	2.4	26	40.5
通砂時	10/07/12 16:20	曇	20.5	23.0	3.1	57	40.5
	10/07/13 09:15	雨	21.5	21.5	2.9	56	40.5
	10/07/13 13:35	曇	23.5	22.7	2.5	36	40.5
	10/07/13 16:05	曇	22.5	20.5	1.6	38	40.5
通砂 1日後	10/07/14 10:25	曇	27.0	23.0	2.3	7	42.0

調査地点：C'地点

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 07:05	曇	22.8	18.5	6.0	230	45.0
	10/06/28 12:04	曇	24.9	19.0	9.5	1,500	38.0
	10/06/28 15:03	曇	26.2	19.5	40	2,500	40.0
排砂 1日後	10/06/29 10:57	雨	21.8	21.6	2.3	36	56.0
通砂時	10/07/12 15:27	曇	22.0	19.2	3.1	270	43.0
	10/07/13 08:20	雨	21.2	22.0	3.1	76	37.0
	10/07/13 12:05	雨	21.8	20.3	3.0	65	38.0
	10/07/13 15:14	曇	22.8	20.5	4.2	360	41.0
通砂 1日後	10/07/14 09:12	曇	26.0	19.0	3.0	56	41.0

調査地点：P-15

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 07:42	曇	22.3	20.1	2.7	47	30.0
	10/06/28 12:31	曇	23.2	18.6	2.9	68	30.0
	10/06/28 15:33	曇	27.2	19.0	3.7	74	30.0
排砂 1日後	10/06/29 11:12	雨	22.5	22.3	1.0	5	25.0
通砂時	10/07/12 15:57	曇	22.2	22.3	2.1	37	30.0
	10/07/13 08:50	雨	22.2	24.0	2.4	13	31.0
	10/07/13 12:40	雨	22.7	24.0	2.0	13	36.0
	10/07/13 15:42	曇	22.2	22.0	1.4	22	31.0
通砂 1日後	10/07/14 10:25	晴	27.8	22.4	2.2	19	30.0

調査地点：P-17

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 07:23	曇	23.0	22.4	4.3	9	303.0
	10/06/28 12:20	曇	26.0	23.0	4.1	12	308.0
	10/06/28 15:19	曇	26.8	23.0	3.5	12	303.0
排砂 1日後	10/06/29 12:18	雨	22.9	23.0	3.4	5	311.0
通砂時	10/07/12 15:45	曇	21.0	22.5	2.3	46	303.0
	10/07/13 08:35	雨	22.2	23.8	1.6	4	300.0
	10/07/13 12:27	曇	23.0	24.0	1.8	3	314.0
	10/07/13 15:30	曇	23.2	23.5	1.8	6	300.0
通砂 1日後	10/07/14 09:23	曇	25.8	23.5	2.1	7	301.0

調査地点：P-20

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:27	曇	23.0	21.2	2.6	17	340.0
	10/06/28 12:22	曇	23.2	21.6	2.6	20	340.0
	10/06/28 15:24	曇	24.0	22.5	1.8	14	340.0
排砂 1日後	10/06/29 11:50	雨	21.0	21.9	2.5	12	320.0
通砂時	10/07/12 15:46	曇	22.0	24.0	1.7	11	342.0
	10/07/13 08:36	雨	22.6	24.3	1.4	1	342.0
	10/07/13 12:25	曇	23.2	24.3	1.5	4	342.0
	10/07/13 15:18	曇	23.8	24.0	1.3	3	342.0
通砂 1日後	10/07/14 09:43	晴	28.0	23.1	3.3	10	313.0

調査地点：P-19

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:55	曇	25.0	22.7	2.2	7	755.0
	10/06/28 13:15	曇	24.2	23.2	0.9	<1	749.0
	10/06/28 15:50	曇	24.5	23.6	1.7	3	750.0
排砂 1日後	10/06/29 09:50	雨	23.2	23.2	2.3	3	749.0
通砂時	10/07/12 15:55	曇	23.0	23.4	2.5	9	749.0
	10/07/13 08:50	雨	21.5	23.6	1.1	1	749.0
	10/07/13 13:15	曇	24.3	23.5	1.7	2	749.0
	10/07/13 15:40	曇	23.0	23.5	1.4	3	749.0
通砂 1日後	10/07/14 10:00	曇	25.0	23.6	2.0	3	749.0

調査地点：M-8

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:41	曇	24.1	21.6	3.1	46	164.0
	10/06/28 12:34	曇	23.5	21.7	1.9	10	176.0
	10/06/28 15:35	曇	23.8	22.5	2.0	10	176.0
排砂 1日後	10/06/29 08:52	雨	23.0	22.0	1.4	1	185.0
通砂時	10/07/12 15:57	曇	21.9	23.9	1.6	8	176.0
	10/07/13 08:47	雨	22.7	24.2	1.2	2	176.0
	10/07/13 12:40	曇	23.2	24.2	1.4	7	176.0
	10/07/13 15:27	曇	23.8	23.8	1.0	4	176.0
通砂 1日後	時化のため欠測						

調査地点：吉原15

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 09:06	曇	25.5	22.1	2.0	4	100.0
	10/06/28 12:56	曇	24.2	22.0	2.3	12	101.0
	10/06/28 15:54	曇	24.1	22.2	1.8	7	110.0
排砂 1日後	10/06/29 11:38	雨	22.8	22.2	1.7	5	105.0
通砂時	10/07/12 16:16	曇	22.0	23.8	1.5	5	97.0
	10/07/13 09:16	雨	22.8	24.3	1.2	4	97.0
	10/07/13 13:05	曇	23.5	24.0	1.5	6	97.0
	10/07/13 15:49	曇	24.0	24.1	1.4	5	97.0
通砂 1日後	10/07/14 09:55	晴	27.8	24.5	1.5	2	115.0

調査地点：宮崎沖

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 09:15	曇	27.2	21.8	3.0	6	13.0
	10/06/28 13:25	曇	27.0	21.2	2.3	8	11.0
	10/06/28 16:12	曇	25.8	21.6	2.1	12	11.0
排砂 1日後	10/06/29 09:23	雨	23.0	21.5	0.9	<1	9.0
通砂時	10/07/12 16:32	雨	21.0	24.3	1.5	3	13.0
	10/07/13 08:53	雨	21.8	24.0	0.8	2	12.0
	10/07/13 13:52	曇	23.8	24.2	0.8	4	11.0
	10/07/13 15:44	曇	23.5	24.1	0.9	7	12.0
通砂 1日後	10/07/14 09:54	曇	26.3	24.5	1.4	4	12.0

調査地点：赤川沖

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:45	曇	27.2	21.4	3.2	19	9.0
	10/06/28 12:44	曇	26.8	21.3	4.1	17	8.0
	10/06/28 15:30	曇	27.3	21.7	2.7	14	8.0
排砂 1日後	10/06/29 08:26	雨	22.5	21.0	1.4	3	8.0
通砂時	10/07/12 16:00	曇	22.6	24.0	2.3	5	8.0
	10/07/13 08:19	雨	21.5	24.0	1.0	5	8.0
	10/07/13 13:25	曇	24.3	24.0	1.2	5	8.0
	10/07/13 15:17	曇	22.8	24.0	1.4	6	8.0
通砂 1日後	10/07/14 09:23	曇	28.3	23.4	1.6	7	8.0

調査地点：M-10

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:55	曇	27.2	20.1	2.5	9	101.0
	10/06/28 12:55	曇	25.9	20.6	2.6	9	98.0
	10/06/28 15:40	曇	25.5	22.0	2.1	7	93.0
排砂 1日後	10/06/29 09:04	雨	23.3	22.3	1.3	2	95.0
通砂時	10/07/12 16:13	曇	21.5	24.4	1.7	6	96.0
	10/07/13 08:35	雨	21.3	24.3	0.9	1	98.0
	10/07/13 13:35	曇	24.0	24.3	0.9	4	95.0
	10/07/13 15:28	曇	23.5	24.2	0.7	4	95.0
通砂 1日後	時化のため欠測						

調査地点：泊沖

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:06	曇	26.8	21.6	2.9	5	8.0
	10/06/28 12:36	曇	27.5	22.0	3.0	9	7.0
	10/06/28 15:18	曇	27.2	22.2	3.0	9	8.0
排砂 1日後	10/06/29 08:19	雨	23.5	21.5	1.5	2	8.0
通砂時	10/07/12 15:50	曇	22.3	24.0	2.8	5	8.0
	10/07/13 08:12	雨	21.8	23.9	1.2	6	8.0
	10/07/13 13:18	曇	24.8	24.3	1.1	5	8.0
	10/07/13 15:12	曇	22.8	23.3	1.4	5	8.0
通砂 1日後	10/07/14 09:16	曇	28.6	24.5	1.4	5	8.0

調査地点：横山20

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 08:52	曇	25.5	21.9	2.6	6	14.0
	10/06/28 12:45	曇	24.8	22.5	2.3	4	14.0
	10/06/28 15:44	曇	24.7	23.0	2.4	5	16.0
排砂 1日後	10/06/29 08:38	雨	23.5	21.4	0.9	4	7.0
通砂時	10/07/12 16:07	曇	21.9	23.8	1.9	5	13.0
	10/07/13 09:02	雨	22.7	24.0	1.3	3	13.0
	10/07/13 12:52	曇	23.5	24.0	1.4	4	13.0
	10/07/13 15:35	曇	24.0	24.0	0.9	4	13.0
通砂 1日後	10/07/14 09:36	曇	26.2	24.0	1.8	5	8.0

調査地点：境沖

	採取日時	天候	気温 (°C)	水温 (°C)	COD (mg/l)	SS (mg/l)	水深 (m)
排砂時	10/06/28 09:23	曇	27.7	21.8	3.1	5	16.0
	10/06/28 13:13	曇	26.9	21.2	3.7	10	16.0
	10/06/28 16:01	曇	25.5	21.9	2.4	6	16.0
排砂 1日後	10/06/29 09:33	雨	23.5	21.6	1.4	2	16.0
通砂時	10/07/12 16:42	雨	20.9	24.3	2.1	2	16.0
	10/07/13 09:03	雨	21.7	23.8	0.9	4	16.0
	10/07/13 14:01	曇	23.8	24.2	1.2	6	16.0
	10/07/13 15:53	曇	23.5	24.3	0.7	2	16.0
通砂 1日後	10/07/14 10:03	曇	26.0	24.5	1.3	3	16.0

連携排砂時
濁度 (度)

採取日時	C点	A点	河口沖	生地鼻沖
10/06/26 00:00	5.8	12.2	7.3	2.3
10/06/26 01:00	5.9	12.2	7.2	2.2
10/06/26 02:00	5.8	12.4	7.3	2.3
10/06/26 03:00	5.8	12.5	7.3	2.5
10/06/26 04:00	6.0	13.1	7.4	2.6
10/06/26 05:00	5.9	12.7	7.5	2.5
10/06/26 06:00	6.0	12.5	7.3	2.9
10/06/26 07:00	6.0	12.7	7.6	3.1
10/06/26 08:00	6.2	12.6	7.7	3.1
10/06/26 09:00	6.1	13.0	7.6	3.0
10/06/26 10:00	6.3	12.7	7.6	3.1
10/06/26 11:00	6.4	12.7	7.7	3.1
10/06/26 12:00	6.3	13.1	8.0	3.2
10/06/26 13:00	6.1	13.1	7.4	2.9
10/06/26 14:00	6.1	13.2	7.1	2.7
10/06/26 15:00	6.2	12.7	7.2	2.9
10/06/26 16:00	6.0	13.1	7.3	2.8
10/06/26 17:00	6.3	13.2	7.3	3.0
10/06/26 18:00	6.2	13.5	7.3	2.9
10/06/26 19:00	6.4	13.1	7.2	2.8
10/06/26 20:00	6.2	13.1	6.8	2.7
10/06/26 21:00	6.3	13.2	6.2	2.7
10/06/26 22:00	6.3	13.5	6.6	2.8
10/06/26 23:00	6.0	13.0	6.4	2.6
10/06/27 00:00	6.0	12.9	6.4	2.6
10/06/27 01:00	6.0	13.0	6.5	2.6
10/06/27 02:00	5.9	13.4	6.8	2.6
10/06/27 03:00	5.9	13.3	7.2	2.6
10/06/27 04:00	7.1	13.1	7.4	2.9
10/06/27 05:00	7.0	13.3	7.3	3.2
10/06/27 06:00	10.2	13.5	7.3	3.4
10/06/27 07:00	24.9	14.1	7.5	3.2
10/06/27 08:00	44.8	14.5	17.0	3.4
10/06/27 09:00	59.6	15.7	25.0	3.1
10/06/27 10:00	61.7	16.3	25.7	3.3
10/06/27 11:00	65.4	15.4	27.2	3.2
10/06/27 12:00	72.1	15.4	30.7	4.1
10/06/27 13:00	88.7	15.7	42.6	5.5
10/06/27 14:00	95.8	15.8	35.8	3.8
10/06/27 15:00	96.6	15.7	35.9	3.6
10/06/27 16:00	96.2	15.4	22.4	3.7
10/06/27 17:00	92.4	15.2	16.3	3.9
10/06/27 18:00	91.9	14.5	21.0	6.9
10/06/27 19:00	109.9	26.4	15.1	6.7
10/06/27 20:00	93.4	19.6	14.0	4.3
10/06/27 21:00	146.7	20.4	18.7	3.5
10/06/27 22:00	226.7	20.4	28.0	3.1
10/06/27 23:00	179.2	22.4	27.4	2.8

採取日時	C点	A点	河口沖	生地鼻沖
10/06/28 00:00	447.4	20.5	60.6	3.4
10/06/28 01:00	449.3	22.6	44.4	4.2
10/06/28 02:00	376.6	24.7	27.2	15.8
10/06/28 03:00	307.7	30.9	16.0	10.0
10/06/28 04:00	261.1	29.0	18.3	9.0
10/06/28 05:00	204.3	28.8	15.6	7.8
10/06/28 06:00	173.0	27.6	20.0	8.3
10/06/28 07:00	163.6	26.3	52.0	10.6
10/06/28 08:00	195.6	22.9	42.9	8.8
10/06/28 09:00	194.4	20.3	13.4	6.2
10/06/28 10:00	282.6	22.9	41.6	6.4
10/06/28 11:00	315.2	27.9	36.2	5.8
10/06/28 12:00	514.1	24.3	33.5	6.5
10/06/28 13:00	897.4	18.9	25.0	6.1
10/06/28 14:00	1,327.8	21.5	15.6	5.1
10/06/28 15:00	759.0	20.5	14.1	5.8
10/06/28 16:00	275.5	20.7	13.0	4.7
10/06/28 17:00	17.8	22.6	11.0	4.4
10/06/28 18:00	17.0	21.1	11.4	4.1
10/06/28 19:00	40.9	20.9	13.0	4.1
10/06/28 20:00	21.6	19.4	12.3	3.8
10/06/28 21:00	14.7	18.5	12.6	3.6
10/06/28 22:00	151.9	19.9	13.6	3.8
10/06/28 23:00	100.3	19.2	17.3	4.2
10/06/29 00:00	57.6	19.6	17.0	4.2
10/06/29 01:00	19.8	18.7	24.0	4.5
10/06/29 02:00	14.5	18.4	13.4	4.3
10/06/29 03:00	15.7	18.4	11.8	4.3
10/06/29 04:00	13.4	18.1	10.7	4.9
10/06/29 05:00	15.3	18.7	11.9	5.0
10/06/29 06:00	13.5	19.2	12.6	3.3
10/06/29 07:00	19.1	19.7	10.2	5.0
10/06/29 08:00	15.9	18.9	11.7	4.3
10/06/29 09:00	16.5	18.7	11.6	4.2
10/06/29 10:00	14.6	18.6	11.1	4.1
10/06/29 11:00	15.0	18.0	11.0	3.3
10/06/29 12:00	12.0	17.3	13.0	3.2
10/06/29 13:00	10.0	17.6	10.1	3.2
10/06/29 14:00	10.0	18.0	9.5	3.1
10/06/29 15:00	8.9	17.5	10.0	7.9
10/06/29 16:00	8.7	17.9	10.2	8.1
10/06/29 17:00	9.5	17.2	10.0	7.8
10/06/29 18:00	10.0	17.5	10.1	3.8
10/06/29 19:00	8.8	17.8	9.4	4.1
10/06/29 20:00	9.2	17.5	9.7	4.3
10/06/29 21:00	12.2	17.1	9.7	3.7
10/06/29 22:00	11.9	17.2	9.6	4.2
10/06/29 23:00	12.1	17.1	9.2	3.8

連携試験通砂時
濁度 (度)

採取日時	C点	A点	河口沖	生地鼻沖
10/07/11 00:00	7.0	2.4	13.6	12.1
10/07/11 01:00	7.1	2.5	13.6	12.1
10/07/11 02:00	7.7	2.4	13.8	11.9
10/07/11 03:00	7.6	3.1	13.1	11.7
10/07/11 04:00	7.3	2.0	13.4	11.3
10/07/11 05:00	7.3	1.8	13.6	11.6
10/07/11 06:00	7.0	1.9	13.7	11.4
10/07/11 07:00	7.1	3.2	13.3	11.9
10/07/11 08:00	7.0	2.6	13.2	11.6
10/07/11 09:00	7.4	2.0	13.1	11.5
10/07/11 10:00	6.4	2.0	12.8	10.9
10/07/11 11:00	6.6	2.1	13.4	10.4
10/07/11 12:00	6.4	2.7	13.7	10.4
10/07/11 13:00	6.0	2.1	13.0	9.8
10/07/11 14:00	5.7	1.9	13.3	10.2
10/07/11 15:00	5.5	1.8	13.8	10.3
10/07/11 16:00	5.5	1.7	13.3	10.2
10/07/11 17:00	5.6	1.8	13.4	10.3
10/07/11 18:00	5.1	2.2	13.4	10.7
10/07/11 19:00	5.0	1.5	13.2	10.8
10/07/11 20:00	6.1	1.5	13.1	10.2
10/07/11 21:00	5.0	1.9	13.0	10.0
10/07/11 22:00	4.9	2.1	13.1	10.1
10/07/11 23:00	5.2	1.9	12.7	10.0
10/07/12 00:00	4.9	2.0	12.8	10.3
10/07/12 01:00	5.8	2.1	12.7	10.6
10/07/12 02:00	5.3	2.2	13.1	10.5
10/07/12 03:00	5.5	2.6	12.8	10.5
10/07/12 04:00	7.9	2.6	12.6	10.5
10/07/12 05:00	8.7	2.1	12.6	10.3
10/07/12 06:00	9.8	1.8	12.9	10.3
10/07/12 07:00	8.7	1.5	13.0	10.7
10/07/12 08:00	12.0	1.8	13.2	11.0
10/07/12 09:00	35.8	2.4	14.2	12.1
10/07/12 10:00	56.1	3.6	17.1	11.8
10/07/12 11:00	73.8	5.3	20.2	11.4
10/07/12 12:00	73.8	3.6	22.5	11.8
10/07/12 13:00	77.1	2.9	24.4	11.8
10/07/12 14:00	87.7	2.8	25.5	12.0
10/07/12 15:00	97.1	3.7	31.0	13.4
10/07/12 16:00	121.5	3.6	39.3	12.8
10/07/12 17:00	119.6	3.1	38.3	12.9
10/07/12 18:00	108.9	4.3	33.0	13.3
10/07/12 19:00	103.3	2.9	33.9	14.2
10/07/12 20:00	90.9	2.5	34.4	15.5
10/07/12 21:00	90.7	4.0	28.4	15.4
10/07/12 22:00	91.5	3.4	25.9	16.0
10/07/12 23:00	101.2	3.1	26.8	15.4

採取日時	C点	A点	河口沖	生地鼻沖
10/07/13 00:00	124.5	3.4	35.1	15.3
10/07/13 01:00	182.0	6.1	17.4	14.8
10/07/13 02:00	272.6	5.8	17.2	14.1
10/07/13 03:00	87.8	7.8	16.0	11.1
10/07/13 04:00	37.7	6.7	15.9	12.3
10/07/13 05:00	40.7	4.7	15.6	12.0
10/07/13 06:00	32.6	4.5	15.6	12.3
10/07/13 07:00	30.4	6.4	15.6	14.6
10/07/13 08:00	14.5	3.7	14.9	15.1
10/07/13 09:00	8.1	3.9	15.9	16.5
10/07/13 10:00	11.4	4.3	15.7	16.9
10/07/13 11:00	16.2	3.6	17.5	17.8
10/07/13 12:00	9.0	4.2	17.2	17.1
10/07/13 13:00	8.0	2.8	16.9	17.2
10/07/13 14:00	8.1	2.8	15.9	16.6
10/07/13 15:00	7.2	3.0	16.0	14.7
10/07/13 16:00	22.7	3.0	21.3	18.1
10/07/13 17:00	45.8	4.9	26.4	20.0
10/07/13 18:00	35.3	4.9	27.1	20.4
10/07/13 19:00	13.2	4.1	19.4	22.5
10/07/13 20:00	8.9	5.4	20.0	24.0
10/07/13 21:00	12.9	4.0	19.3	24.6
10/07/13 22:00	14.2	5.7	19.3	22.3
10/07/13 23:00	11.2	2.9	17.5	18.7
10/07/14 00:00	10.2	3.6	17.5	16.8
10/07/14 01:00	12.8	3.0	17.8	20.4
10/07/14 02:00	11.0	3.2	18.2	17.1
10/07/14 03:00	10.6	3.5	17.3	21.2
10/07/14 04:00	11.6	3.6	17.7	24.1
10/07/14 05:00	14.7	5.2	22.5	27.8
10/07/14 06:00	7.4	3.4	20.4	31.5
10/07/14 07:00	10.9	2.9	19.7	28.9
10/07/14 08:00	9.5	3.6	22.4	31.5
10/07/14 09:00	23.0	3.6	19.8	26.0
10/07/14 10:00	19.8	5.5	18.0	22.5
10/07/14 11:00	21.1	5.6	17.4	22.8
10/07/14 12:00	15.9	5.2	18.0	24.8
10/07/14 13:00	13.6	4.6	19.0	25.8
10/07/14 14:00	13.6	5.3	18.9	23.8
10/07/14 15:00	14.6	4.9	19.6	21.5
10/07/14 16:00	14.3	4.0	19.3	25.2
10/07/14 17:00	17.1	3.5	19.7	27.3
10/07/14 18:00	16.6	3.9	18.7	29.9
10/07/14 19:00	15.9	4.0	19.1	29.2
10/07/14 20:00	9.8	3.9	19.8	31.8
10/07/14 21:00	9.5	3.6	20.1	30.5
10/07/14 22:00	8.9	3.2	17.7	42.1
10/07/14 23:00	8.3	2.7	18.5	36.1

採取日時	C点	A点	河口沖	生地鼻沖
10/08/12 18:00	7.9			
10/08/12 19:00	45.3			
10/08/12 20:00	23.6			
10/08/12 21:00	11.3			
10/08/12 22:00	23.9			
10/08/12 23:00	19.9			
10/08/13 00:00	68.4			
10/08/13 01:00	49.4			
10/08/13 02:00	14.7			
10/08/13 03:00	10.9			
10/08/13 04:00	14.5			

調査地点：出し平ダム直下

	採取日時	通過質量百分率 (%)													50%粒径 (mm)		
		2.00	0.837	0.419	0.249	0.105	0.074	0.044	0.031	0.022	0.013	0.0093	0.0065	0.0033		0.0014	
5月調査	10/05/31 11:30			100.0	99.8	91.1	78.8	55.5	40.5	17.5	6.9	3.2	2.7	1.0	0.0		0.0385
排砂時	10/06/27 09:00		100.0	96.1	84.0	74.6	70.5	61.3	53.5	44.8	30.3	21.5	14.1	3.7	0.0		0.0269
	10/06/27 13:00			100.0	99.1	91.7	84.9	68.4	56.2	44.5	28.1	19.6	12.8	3.4	0.0		0.0259
	10/06/27 19:00		100.0	98.9	94.4	78.4	67.1	45.7	32.8	21.9	9.6	5.0	2.3	0.0			0.0488
	10/06/27 20:00	100.0	99.0	94.7	88.4	67.8	55.2	35.5	25.0	16.4	6.7	3.2	1.2	0.0			0.0648
	10/06/27 21:00		100.0	98.1	91.6	73.8	63.3	46.2	36.2	27.6	16.2	10.5	6.2	1.0	0.0		0.0496
	10/06/28 01:00			100.0	97.6	83.7	73.6	54.6	42.8	32.6	19.5	13.0	8.1	1.9	0.0		0.0387
	10/06/28 04:00		100.0	98.5	91.2	65.1	51.2	31.6	21.7	14.1	6.1	3.2	1.4	0.0			0.0719
	10/06/28 05:00		100.0	98.9	91.7	64.1	51.0	31.7	21.6	13.7	5.4	2.5	0.9	0.0			0.0721
	10/06/28 06:00		100.0	98.6	91.5	68.8	57.1	37.9	26.8	17.7	7.7	3.8	1.6	0.0			0.0610
	10/06/28 07:00	100.0	99.6	96.8	86.1	52.0	39.9	23.9	15.9	9.9	3.8	1.6	0.4	0.0			0.0991
	10/06/28 08:00		100.0	98.9	93.8	73.5	61.0	39.8	27.8	18.3	7.8	3.9	1.6	0.0			0.0566
	10/06/28 09:00		100.0	99.0	87.8	53.9	42.0	25.6	17.5	11.3	4.7	2.2	0.8	0.0			0.0933
	10/06/28 10:00		100.0	98.5	92.9	73.0	60.0	38.6	26.9	17.7	7.6	3.8	1.6	0.0			0.0583
	10/06/28 11:00		100.0	98.7	89.7	60.2	47.2	28.8	19.6	12.8	5.5	2.8	1.2	0.0			0.0798
10/06/28 12:00		100.0	98.8	92.7	69.2	55.5	34.6	23.8	15.4	6.6	3.3	1.4	0.0			0.0648	
10/06/28 16:00			100.0	98.0	87.5	79.5	64.0	53.2	42.8	28.1	20.0	13.4	3.7	0.0		0.0280	
10/06/28 17:00			100.0	98.8	69.7	58.7	43.7	35.1	27.8	17.9	12.6	8.1	2.0	0.0		0.0548	
排砂1日後	10/06/29 11:20		100.0	91.8	59.6	25.0	20.7	16.5	14.0	11.3	7.1	4.6	2.7	0.3	0.0		0.2115
通砂時	10/07/12 10:00		100.0	99.2	95.0	91.9	84.5	77.2	67.5	47.5	34.3	22.7	6.1	0.0			0.0139
	10/07/12 11:00		100.0	97.9	87.8	82.2	72.3	64.7	55.6	38.2	27.0	17.5	4.4	0.0			0.0184
	10/07/12 12:00			100.0	98.2	92.5	89.4	82.6	76.0	67.0	48.0	35.1	23.8	6.7	0.0		0.0138
	10/07/12 18:00			100.0	97.5	85.0	75.5	54.4	40.3	28.0	13.5	7.6	3.9	0.4	0.0		0.0397
	10/07/12 21:00		100.0	99.0	94.8	77.4	64.8	41.6	28.4	17.7	6.6	3.0	1.1	0.0			0.0532
	10/07/12 22:00		100.0	96.8	87.8	63.5	50.8	31.4	20.7	12.3	4.1	1.6	0.4	0.0			0.0725
	10/07/12 23:00		100.0	98.4	86.3	54.4	42.2	25.8	17.3	10.7	3.9	1.6	0.4	0.0			0.0924
	10/07/13 00:00		100.0	97.9	86.1	57.7	46.2	29.6	20.5	13.2	5.3	2.4	0.9	0.0			0.0831
	10/07/13 01:00		100.0	97.8	89.4	68.3	55.7	34.2	22.4	13.3	4.4	1.7	0.4	0.0			0.0645
	10/07/13 07:00		100.0	90.1	61.0	33.8	27.7	19.8	15.3	11.4	6.8	4.6	2.8	0.4	0.0		0.1904
10/07/13 10:00		100.0	92.4	63.3	29.1	22.1	14.6	11.0	8.1	4.7	3.1	1.8	0.0			0.1930	
通砂1日後	10/07/14 11:25		100.0	97.1	86.3	70.1	64.4	54.4	47.3	40.1	28.6	21.1	14.6	4.0	0.0		0.0355
9月調査																	

調査地点：猫又

	採取日時	通過質量百分率 (%)													50%粒径 (mm)		
		2.00	0.837	0.419	0.249	0.105	0.074	0.044	0.031	0.022	0.013	0.0093	0.0065	0.0033		0.0014	
排砂時	10/06/27 09:00			100.0	98.1	89.8	83.0	65.9	52.7	40.1	23.3	15.2	9.2	2.0	0.0		0.0290
	10/06/27 12:00			100.0	98.0	83.7	73.1	54.3	43.0	32.9	19.8	13.4	8.4	2.0	0.0		0.0389
	10/06/27 15:00		100.0	99.8	97.9	84.0	72.1	53.6	43.0	33.8	21.6	15.3	10.0	2.8	0.0		0.0394
	10/06/27 18:00		100.0	98.8	91.5	66.3	56.5	42.4	33.8	26.0	15.4	9.9	5.7	1.0	0.0		0.0583
	10/06/27 20:00		100.0	99.2	94.7	76.6	67.2	51.4	41.6	32.7	20.4	13.9	8.5	1.8	0.0		0.0420
	10/06/27 21:00		100.0	97.2	86.4	66.6	57.5	42.3	32.9	24.2	12.8	7.4	3.8	0.4	0.0		0.0571
	10/06/28 00:00		100.0	99.9	96.9	79.3	69.0	51.4	40.9	31.8	19.7	13.4	8.4	2.0	0.0		0.0422
	10/06/28 03:00			100.0	98.9	89.6	80.8	62.5	50.7	40.2	25.7	18.1	11.9	3.2	0.0		0.0304
	10/06/28 06:00		100.0	99.3	96.5	84.5	75.9	59.5	48.2	37.4	22.5	14.9	9.0	1.8	0.0		0.0329
	10/06/28 09:00		100.0	99.5	97.6	90.0	83.1	67.0	55.0	43.7	27.9	19.3	12.2	2.9	0.0		0.0267
	10/06/28 12:00		100.0	99.1	94.2	70.9	60.0	44.6	35.9	28.2	17.6	11.8	7.1	1.5	0.0		0.0532
	10/06/28 16:00		100.0	99.4	97.2	90.0	83.9	68.9	57.4	46.5	30.8	22.1	14.8	4.4	0.0		0.0246
	排砂1日後	10/06/29 09:45		100.0	98.3	87.5	79.0	61.5	49.9	39.1	23.7	15.5	9.1	1.7	0.0		0.0312
	通砂時	10/07/12 10:00		100.0	97.4	82.6	73.2	56.0	44.8	34.4	20.1	13.0	7.7	1.6	0.0			0.0366
10/07/12 12:00			100.0	99.8	97.3	86.2	78.6	62.9	52.3	42.1	26.9	18.6	11.9	2.9	0.0		0.0288
10/07/12 15:00				100.0	98.8	92.5	85.9	69.0	57.2	46.9	31.9	23.1	15.4	4.0	0.0		0.0245
10/07/12 18:00				100.0	97.8	86.9	78.5	60.4	48.6	38.4	24.8	17.7	11.7	3.0	0.0		0.0325
10/07/12 21:00			100.0	99.4	96.5	82.3	72.3	53.3	40.9	30.0	16.7	10.6	6.0	0.9	0.0		0.0403
10/07/13 00:00				100.0	98.4	92.5	88.0	76.6	66.4	55.3	38.1	27.9	18.6	4.6	0.0		0.0188
10/07/13 01:00			100.0	99.9	97.8	89.7	83.1	67.9	56.6	46.0	30.8	22.3	14.8	3.7	0.0		0.0251
10/07/13 07:00			100.0	98.4	87.5	77.9	58.5	46.6	36.8	24.0	17.2	11.4	3.0	0.0			0.0346
10/07/13 10:00		100.0	99.9	97.4	82.6	73.5	57.4	47.5	38.6	26.0	18.8	12.5	3.1	0.0		0.0342	
通砂1日後	10/07/14 09:40			100.0	97.8	83.5	74.4	58.0	47.3	37.5	24.4	17.3	11.4	2.9	0.0		0.0341

調査地点: 宇奈月ダム直下

採取日時	通過質量百分率 (%)										50%粒径(mm)											
	ふるい分析 (粒径 mm)					沈降分析 (粒径 mm)																
	2.00	0.850	0.425	0.250	0.106	0.075																
5月調査	05/19	13:00				100.0	98.3	96.7	94.6	89.6	78.6	61.1	46.3	33.6	17.2	3.4	0.018					
排砂	06/27	8:40			100.0	99.9	97.8	95.2	91.8	84.6	70.3	51.9	38.1	26.9	13.5	2.7	0.0149					
		9:00			100.0	99.9	97.4	94.8	91.9	89.4	84.9	71.6	53.9	40.2	28.7	14.5	2.9	0.0141				
		10:00			100.0	99.2	95.2	91.9	89.4	84.9	76.5	63.9	51.9	39.7	27.7	14.4	2.8	0.0101				
		11:00			100.0	98.8	96.9	93.8	90.9	88.2	83.7	71.5	59.0	45.8	32.7	17.2	3.4	0.0083				
		12:00			100.0	98.9	97.3	94.2	91.3	88.7	84.2	72.0	59.4	46.8	33.6	17.2	3.4	0.0081				
		13:00			100.0	98.3	96.2	92.8	89.2	86.2	80.4	68.5	56.2	43.1	30.7	16.2	3.2	0.0082				
		14:00			100.0	96.3	93.0	89.1	85.8	82.4	76.9	65.4	53.7	41.4	29.5	15.1	2.9	0.0086				
		15:00			100.0	98.1	95.8	92.3	88.8	85.3	80.7	68.8	56.3	43.6	31.4	18.1	3.5	0.0092				
		16:00			100.0	97.3	94.4	91.4	88.0	84.6	78.6	67.2	55.9	43.9	31.9	19.2	3.6	0.0104				
		17:00			100.0	99.6	97.1	94.1	91.8	89.1	81.9	71.6	57.9	45.1	35.0	22.8	4.6	0.0122				
		18:00			100.0	99.9	97.3	94.3	91.8	89.2	82.3	71.1	58.4	44.1	33.0	17.9	3.8	0.0129				
		19:00			100.0	99.9	97.6	94.7	92.0	89.3	82.2	70.5	54.4	41.7	30.7	16.2	3.2	0.0138				
		20:00			100.0	99.7	94.5	90.9	87.5	84.1	70.1	55.1	42.0	30.1	14.9	2.9	2.9	0.0135				
		21:00			100.0	97.7	88.5	82.4	78.9	74.7	64.5	41.1	30.6	21.5	10.4	2.1	0.4	0.0212				
		22:00			100.0	99.0	91.8	86.5	81.3	76.6	65.5	47.7	37.4	27.7	14.1	2.7	0.5	0.0170				
23:00			100.0	99.9	95.3	91.7	88.2	82.0	72.2	60.3	49.4	37.9	19.9	3.9	0.8	0.0109						
06/28	00:00	00:00			100.0	97.6	94.6	91.4	88.1	81.9	71.6	57.9	45.1	35.0	22.8	4.6	0.0095					
		1:00			100.0	97.7	95.3	92.6	87.5	78.4	66.5	55.2	43.1	33.6	17.2	3.4	0.0091					
		2:00			100.0	97.2	94.1	91.9	84.5	74.1	60.1	47.2	36.7	21.2	4.2	0.9	0.0107					
		3:00			100.0	99.8	96.4	92.5	88.3	80.7	69.2	55.9	45.2	34.9	19.2	4.0	0.9	0.0127				
		4:00			100.0	99.0	92.7	87.5	82.2	72.9	59.3	45.1	34.7	25.9	14.0	2.9	0.6	0.0184				
		5:00			100.0	99.5	93.5	88.2	82.6	72.8	58.1	43.0	32.3	23.5	12.4	2.6	0.6	0.0195				
		6:00			100.0	99.9	97.6	89.7	83.1	76.4	65.2	49.7	34.8	25.1	17.7	9.0	1.9	0.0252				
		7:00			100.0	98.7	91.0	84.6	77.7	66.3	50.7	35.9	26.2	18.6	9.4	2.0	0.6	0.0244				
		8:00			100.0	99.9	97.5	91.0	84.8	77.9	66.1	49.7	34.2	24.3	16.9	8.4	1.7	0.6	0.0252			
		9:00			100.0	99.5	96.3	87.6	79.7	71.6	58.9	42.8	28.8	13.9	7.7	1.3	0.3	0.0308				
		10:00			100.0	99.9	99.4	96.2	93.4	88.4	77.5	68.7	55.0	37.9	23.7	15.6	10.3	4.8	1.0	0.0348		
		11:00			100.0	99.5	98.4	95.5	86.3	75.7	66.4	52.4	35.3	21.3	13.7	8.7	1.9	0.6	0.0373			
		12:00			100.0	99.9	98.8	91.5	82.0	73.9	59.2	40.4	24.8	16.1	10.3	4.7	1.0	0.6	0.0318			
		13:00			100.0	98.9	91.5	83.0	74.0	64.0	49.0	35.3	25.3	16.5	10.7	4.9	1.0	0.6	0.0314			
		14:00			100.0	99.9	97.4	88.8	80.2	71.6	57.8	40.1	25.1	16.6	11.0	5.2	1.1	0.6	0.0324			
15:00			100.0	99.8	97.3	88.8	81.1	73.4	61.1	44.9	30.3	14.7	10.3	4.7	1.0	0.6	0.0289					
16:00			100.0	99.7	94.7	89.5	84.2	75.2	61.7	46.8	35.7	26.1	13.6	2.8	0.6	0.6	0.0172					
17:00			100.0	99.8	92.7	87.3	83.3	76.8	66.6	54.0	43.5	33.3	18.1	3.8	0.8	0.6	0.0135					
18:00			100.0	99.9	92.1	88.3	84.5	78.3	68.9	57.9	47.1	36.3	19.3	4.0	0.8	0.6	0.0118					
19:00			100.0	99.7	85.8	86.2	49.1	45.6	41.5	35.9	28.9	22.7	16.8	8.7	1.8	0.6	0.0810					
20:00			100.0	94.5	81.4	45.7	15.6	12.4	11.1	9.8	8.4	8.4	4.4	0.6	0.2	0.3	0.2747					
23:00			100.0	99.9	97.1	79.1	69.7	63.1	54.3	43.7	33.5	26.3	20.0	11.2	2.4	0.6	0.0329					
排砂1日後	06/29	9:30			100.0	98.4	96.8	94.4	89.1	78.6	63.9	51.0	38.7	20.9	4.3	0.8	0.6	0.0104				
		透砂	07/12	9:00			100.0	90.2	80.8	52.4	31.1	27.2	24.9	22.0	17.8	13.8	10.3	7.4	3.7	0.2	0.2434	
				10:00			100.0	97.7	77.2	47.8	42.5	39.4	35.3	29.6	22.9	17.6	12.8	6.4	1.3	0.6	0.1233	
				11:00			100.0	97.7	83.3	79.0	70.0	61.0	51.3	41.0	30.5	21.5	15.7	3.1	0.6	0.6	0.0147	
				12:00			100.0	97.6	79.9	51.4	49.1	46.1	41.6	35.0	29.6	21.8	11.5	2.3	0.6	0.6	0.0650	
				13:00			100.0	99.6	90.1	65.2	41.0	39.5	37.7	34.9	30.3	25.3	19.6	10.6	2.2	0.6	0.1609	
				14:00			100.0	99.2	86.1	79.2	74.8	70.0	63.9	55.1	45.9	35.6	19.3	3.9	0.8	0.6	0.0126	
				15:00			100.0	99.8	88.7	80.7	85.0	82.8	79.7	74.7	65.8	55.5	43.5	23.7	4.8	0.8	0.6	0.0090
				16:00			100.0	99.5	80.0	70.5	65.5	60.4	54.3	48.5	38.9	30.2	16.4	3.3	0.6	0.6	0.0189	
				17:00			100.0	98.6	77.8	68.9	63.7	57.6	50.2	41.4	33.7	25.9	14.0	2.9	0.6	0.6	0.0247	
				18:00			100.0	99.9	98.1	82.7	75.0	69.6	61.8	50.9	39.5	29.5	22.8	12.3	2.6	0.6	0.0240	
				19:00			100.0	99.4	88.2	81.2	75.3	65.7	52.2	38.8	29.5	21.8	11.8	2.4	0.6	0.6	0.0231	
				20:00			100.0	98.8	86.8	78.9	71.9	60.8	46.3	33.0	24.4	17.7	11.7	9.2	1.8	0.6	0.0281	
				21:00			100.0	98.7	88.5	80.4	72.7	60.6	44.9	31.1	22.5	16.1	11.1	8.3	1.8	0.6	0.0291	
				22:00			100.0	99.9	96.5	85.9	76.8	68.5	56.0	40.5	27.3	19.4	13.5	6.8	1.4	0.6	0.0334	
23:00			100.0	99.9	98.7	94.5	82.2	72.2	63.1	49.9	34.0	21.3	14.2	9.4	4.5	0.9	0.6	0.0390				
07/13	00:00	00:00			100.0	97.8	91.9	71.6	58.8	49.7	38.3	26.2	16.8	11.4	7.6	3.7	0.8	0.6	0.0583			
		1:00			100.0	99.9	97.9	92.6	80.6	73.3	61.4	45.6	31.4	22.4	15.6	7.7	1.6	0.6	0.0410			
		2:00			100.0	99.7	96.5	87.8	80.6	73.3	61.4	45.6	31.4	22.4	15.6	7.7	1.6	0.6	0.0284			
		3:00			100.0	99.6	94.4	89.5	84.1	74.7	60.8	48.1	35.5	26.3	19.9	2.8	0.6	0.6	0.0177			
		4:00			100.0	96.5	93.2	89.7	83.0	71.6	57.5	45.8	34.8	24.8	18.0	3.9	0.8	0.6	0.0123			
		5:00			100.0	99.9	95.9	92.8	89.8	84.3	74.2	60.3	48.2	36.5	19.5	4.0	0.8	0.6	0.0114			
		6:00			100.0	97.9	95.5	93.9	93.4	89.2	80.8	67.5	54.9	42.2	23.0	4.7	0.8	0.6	0.0093			
		7:00			100.0	97.8	95.7	93.9	93.9	90.3	82.7	70.0	57.4	44.2	24.0	4.9	0.8	0.6	0.0087			
		8:00			100.0	95.6	92.9	89.8	86.9	79.2	68.8	54.6	42.0	34.8	22.8	4.7	0.8	0.6	0.0094			
		9:00			100.0	99.9	91.6	87.3	84.3	79.6	71.7	59.9	48.8	37.6	20.5	4.2	0.8	0.6	0.0112			
		10:00			100.0	99.9	92.8	88.2	84.7	78.5	71.3	58.6	45.6	37.5	20.8	4.2	0.8	0.6	0.0112			
		11:00			100.0	99.8	90.5	85.4	81.6	76.3	68.2	57.1	46.7	36.0	19.8	4.1	0.8	0.6	0.0121			
		12:00			100.0	99.9	94.0	89.1	84.9	78.6	69.0	58.4	45.3	34.8	19.4	3.9	0.8	0.6	0.0125			
		14:00			100.0	99.1	78.5	40.3	32.9	29.1	24.9											

調査地点: 愛本

	採取日時	通過質量百分率 (%)											50%粒径 (mm)			
		ふるい分析 (粒径 mm)				沈降分析 (粒径 mm)										
		2.00	0.850	0.425	0.250	0.106	0.075	0.058	0.040	0.025	0.016	0.0108		0.0074	0.0039	0.0015
5月調査	05/19 14:00			100.0	99.5	95.2	91.9	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0216
								87.6	77.6	57.0	36.0	24.3	16.5	8.3	1.8	
排砂	06/27 8:30			100.0	99.2	93.0	87.5	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0217
								81.8	71.6	55.3	37.7	26.1	17.5	8.3	1.7	
	11:00			100.0	99.9	94.8	90.7	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0132
								87.0	80.9	70.4	55.8	43.1	31.4	15.9	3.1	
	14:00			100.0	98.6	96.6		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0113
								93.9	88.4	77.9	62.2	48.2	35.4	18.2	3.6	
	17:00			100.0	99.3	87.3	78.7	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0227
								72.3	63.7	52.4	39.7	30.1	21.9	11.5	2.4	
	20:00	100.0	99.6	97.0	91.9	81.2	73.4	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0352
								66.0	54.2	37.9	23.2	14.9	9.3	4.1	0.8	
	23:00			100.0	99.2	92.9	88.1	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0148
								83.5	76.0	64.6	51.6	40.7	30.3	15.5	3.0	
	06/28 2:00				100.0	97.4	94.2	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0100
								91.2	85.7	76.3	63.9	52.4	40.4	21.7	4.3	
	5:00			100.0	99.2	93.3	88.3	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0178
								83.0	73.8	60.4	46.1	35.5	26.2	13.7	2.7	
	6:00			100.0	98.6	90.9	84.8	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0230
								78.6	67.9	52.7	37.6	27.4	19.3	9.6	1.9	
	7:00	100.0	99.6	96.4	87.2	79.5		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0297
								72.0	60.0	43.9	29.4	20.5	14.1	7.0	1.5	
	8:00	100.0	99.9	98.5	91.1	84.6		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0248
								77.9	66.5	50.1	34.5	24.6	17.1	8.6	1.8	
	9:00	100.0	99.9	97.7	90.3	83.5		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0266
								76.4	64.3	47.7	32.3	22.8	15.8	7.8	1.6	
	10:00	100.0	99.9	98.0	90.1	82.0		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0306
								73.5	59.9	42.5	27.7	19.0	12.9	6.3	1.3	
	11:00	100.0	98.9	96.4	92.4	81.3	71.7	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0402
								62.8	49.6	33.8	20.7	13.4	8.6	4.0	0.8	
	12:00	100.0	99.9	98.1	90.6	82.8		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0310
								74.3	60.1	41.5	25.6	16.7	10.7	4.8	1.0	
	13:00	100.0	99.1	92.7	85.5			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0295
								77.1	62.6	42.9	25.9	16.5	10.4	4.7	1.0	
	14:00	100.0	99.9	99.0	93.6	87.1		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0270
								79.5	65.8	46.7	29.5	19.6	12.9	6.1	1.3	
	15:00	100.0	99.7	97.1	88.9	81.8		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0291
								74.5	61.9	44.0	27.6	18.2	11.9	5.6	1.2	
	16:00	100.0	99.9	99.3	95.3	82.8	73.7	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0358
								65.5	53.5	38.1	24.6	16.7	11.2	5.3	1.1	
	17:00	100.0	99.9	95.5	80.9	71.7		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0326
								64.7	55.1	43.0	31.2	23.2	16.7	8.6	1.8	
	19:00	100.0	99.5	94.8	78.4	69.8		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0278
								64.0	56.8	47.7	37.2	28.5	20.8	10.7	2.2	
	22:00	100.0	99.3	84.9	74.2			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0304
								66.3	56.5	45.1	33.8	25.6	18.8	9.9	2.0	
	06/29 1:00	100.0	99.6	93.4	87.8			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0202
								82.0	72.1	57.2	41.7	31.1	22.6	11.9	2.4	
排砂1日後	06/29 10:30			100.0	99.9	98.8	96.2	0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0152
								91.9	83.0	68.1	51.0	38.3	27.7	14.3	3.0	
通砂	07/12 9:00	100.0	99.9	94.4	70.5	56.6		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0628
								47.4	37.5	27.6	18.9	13.3	9.1	4.4	0.9	
	12:00	100.0	99.4	80.5	36.6	27.1		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.1504
								23.0	19.4	16.1	12.7	10.1	7.5	4.0	0.8	
	15:00	100.0	99.5	88.2	79.5			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0150
								73.6	67.1	59.9	50.9	41.9	32.2	17.2	3.5	
	18:00	100.0	97.8	94.7				0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0115
								91.2	84.7	73.7	59.7	47.8	36.2	19.4	4.0	
	20:00	100.0	99.2	91.6	85.8			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0211
								79.8	69.9	55.4	40.7	30.6	22.4	11.8	2.5	
	21:00	100.0	99.5	92.6	87.0			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0215
								80.9	70.4	55.1	39.8	29.6	21.5	11.3	2.4	
	22:00	100.0	98.6	90.3	83.2			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0270
								75.9	63.7	47.2	32.3	23.1	16.3	8.3	1.7	
	23:00	100.0	99.6	96.1	85.4	76.5		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0351
								67.8	54.5	38.0	24.3	16.5	11.2	5.5	1.2	
	07/13 0:00	100.0	98.5	93.6	81.1	71.0		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0414
								61.9	48.5	32.6	19.9	13.0	8.4	4.0	0.8	
	1:00	100.0	98.8	94.9	85.1	76.7		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0343
								68.4	55.4	38.8	24.8	16.6	11.0	5.2	1.1	
	2:00	100.0	98.3	90.3	84.2			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0253
								77.8	66.3	49.5	33.3	23.1	15.6	7.4	1.5	
	3:00	100.0	98.2	90.9	85.4			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0237
								79.4	68.4	51.9	35.6	25.0	17.1	8.3	1.7	
	6:00	100.0	99.9	95.0	91.1			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0122
								87.4	81.0	70.7	57.5	46.1	34.9	18.6	3.8	
	9:00	100.0	94.8	90.6				0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0103
								87.5	82.7	74.8	62.9	51.3	39.3	21.1	4.3	
	12:00	100.0	99.2	89.2	84.3			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0139
								80.4	74.5	65.4	53.3	42.6	32.2	17.3	3.6	
	15:00	100.0	98.7	93.4	73.5	61.3		0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0521
								52.9	43.1	33.0	24.4	18.6	13.7	7.2	1.5	
	18:00	100.0	99.6	93.8	88.3			0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015	0.0188
								82.7	73.3	59.1	44					

調査地点：下黒部橋

	採取日時	通過質量百分率 (%)											50%粒径 (mm)				
		ふるい分析 (粒径 mm)					沈降分析 (粒径 mm)										
		2.00	0.850	0.425	0.250	0.106	0.075	0.058	0.040	0.025	0.016	0.0108		0.0074	0.0039	0.0015	
5月調査	05/19 15:00			100.0	99.8	94.4	90.8	86.6	77.3	57.8	36.2	23.8	15.8	7.9	1.8	0.0213	
排砂	06/27 8:30		100.0	99.9	98.8	90.6	84.0	77.7	67.6	53.5	38.7	28.2	19.8	9.9	2.0	0.0223	
			100.0	99.7	93.9	88.8	83.5	75.0	62.7	48.4	37.1	27.1	14.1	2.9	0.0164		
		11:00		100.0	99.9	93.7	88.9	84.1	76.3	65.4	52.4	41.4	31.0	16.4	3.3	0.0144	
		14:00		100.0	99.9	93.7	88.9	84.1	76.3	65.4	52.4	41.4	31.0	16.4	3.3	0.0144	
		17:00			100.0	95.9	92.2	88.2	81.4	71.0	57.5	45.7	34.4	18.5	3.8	0.0123	
		20:00		100.0	99.8	94.0	89.2	84.3	76.2	64.2	50.0	38.6	28.5	15.1	3.1	0.0156	
		23:00	100.0	99.8	96.6	88.6	82.8	76.9	66.4	50.1	33.1	22.3	14.8	7.0	1.5	0.0249	
		06/28 2:00			100.0	97.1	94.0	90.9	85.0	75.6	63.4	51.9	39.9	21.2	4.1	0.0101	
				100.0	96.0	92.3	88.3	80.9	69.5	56.0	44.8	34.1	18.4	3.7	0.0128		
		5:00			100.0	99.7	94.0	89.7	85.2	76.9	64.5	50.6	39.9	30.1	16.2	3.3	0.0153
	6:00		100.0	99.6	93.9	89.3	84.3	75.3	62.0	47.5	36.8	27.3	14.6	3.0	0.0169		
	7:00		100.0	99.3	92.8	87.5	81.7	71.6	56.7	41.5	30.8	22.2	11.4	2.3	0.0204		
	8:00		100.0	99.3	92.6	87.1	81.4	71.2	56.2	41.1	30.6	22.1	11.4	2.3	0.0207		
	9:00		100.0	99.3	93.4	88.2	82.3	71.7	55.9	40.2	29.6	21.1	10.7	2.2	0.0210		
	10:00		100.0	99.2	92.7	86.6	79.9	68.3	52.3	37.2	27.2	19.3	9.7	2.0	0.0233		
	11:00		100.0	99.9	97.6	90.6	83.8	76.5	64.0	47.2	31.9	22.2	15.1	7.2	1.4	0.0270	
	12:00		100.0	99.9	97.6	90.4	83.3	75.5	62.6	45.4	29.9	20.4	13.5	6.1	1.2	0.0283	
	13:00		100.0	99.2	95.6	86.9	79.1	71.2	58.6	42.2	27.6	18.6	12.2	5.5	1.1	0.0312	
	14:00		100.0	99.3	96.4	87.0	78.7	70.6	58.0	42.0	27.7	18.8	12.5	5.7	1.2	0.0316	
	15:00		100.0	99.7	96.6	88.6	81.4	73.9	61.6	45.1	29.9	20.4	13.6	6.3	1.3	0.0287	
	16:00		100.0	99.5	96.7	89.4	82.7	75.8	64.1	47.8	32.2	22.2	14.9	7.0	1.4	0.0266	
	17:00		100.0	99.9	98.2	87.8	79.7	72.3	61.3	47.1	33.7	24.7	17.5	8.8	1.8	0.0274	
	20:00		100.0	99.9	96.4	76.2	62.2	52.7	41.9	31.2	22.3	16.4	11.8	9.1	1.3	0.0530	
	23:00		100.0	99.2	94.7	78.3	67.1	59.0	49.3	38.5	28.7	21.9	16.2	8.6	1.8	0.0410	
排砂1日後	06/29 11:30	100.0	98.6	97.0	91.0	68.6	57.0	49.6	41.2	32.2	24.2	18.5	13.7	7.3	1.5	0.0587	
通砂	07/12 9:00		100.0	99.9	93.7	64.4	49.5	40.2	30.7	22.2	15.9	11.9	8.6	4.5	0.9	0.0775	
			100.0	99.8	95.8	78.8	66.7	57.8	47.0	35.9	26.4	20.0	14.6	7.5	1.5	0.0444	
		12:00		100.0	98.7	83.9	74.5	67.5	58.7	49.0	39.3	31.5	23.9	12.8	2.6	0.0261	
		15:00		100.0	99.4	91.0	85.2	80.6	74.2	65.6	55.1	45.3	34.9	18.9	3.8	0.0128	
		18:00		100.0	99.8	93.8	88.3	83.3	75.1	63.2	49.8	39.3	29.7	16.1	3.4	0.0157	
		20:00		100.0	99.5	90.8	84.2	78.4	69.0	55.8	42.1	32.3	24.0	12.8	2.7	0.0205	
		21:00		100.0	99.1	89.8	83.2	76.9	66.7	52.6	38.8	29.4	21.7	11.6	2.5	0.0229	
		22:00		100.0	98.9	90.2	83.5	77.0	66.0	50.7	36.3	26.8	19.3	10.1	2.1	0.0244	
		23:00		100.0	99.6	96.4	86.3	78.4	70.9	59.4	44.5	31.1	22.6	16.1	8.3	1.8	0.0296
		07/13 0:00		100.0	99.4	95.6	85.7	77.6	69.5	56.6	40.1	26.0	17.8	12.1	5.9	1.2	0.0330
		1:00		100.0	98.7	94.2	83.4	75.0	66.7	53.5	36.6	22.6	14.8	9.6	4.5	0.9	0.0362
		2:00		100.0	97.7	92.4	82.6	75.4	68.5	57.5	42.5	28.4	19.6	13.2	6.2	1.3	0.0315
		4:00		100.0	98.9	90.8	84.9	79.2	71.2	59.6	41.1	30.7	22.0	11.2	2.3	0.0209	
		7:00		100.0	99.4	90.9	85.0	80.2	72.9	62.8	51.0	41.0	31.3	16.9	3.5	0.0150	
	10:00		100.0	98.9	89.9	83.8	78.7	71.0	60.6	49.0	39.4	30.0	16.1	3.3	0.0162		
	13:00		100.0	99.2	93.6	73.7	59.9	49.9	38.2	27.0	18.8	13.8	9.9	5.2	1.1	0.0579	
	16:00		100.0	96.8	91.9	74.2	62.6	54.2	44.2	33.9	25.3	19.5	14.6	7.8	1.6	0.0497	
通砂1日後	07/14 16:00		100.0	99.3	89.5	81.4	74.7	65.3	52.8	39.6	29.6	21.0	10.4	2.1	0.0225		
9月調査								0.058	0.040	0.025	0.016	0.0108	0.0074	0.0039	0.0015		

調査地点：C地点

採取時期	採取層	採取日時	通過質量百分率 (%)														50%粒 径(mm)	
			2.00	0.704	0.419	0.249	0.105	0.074	0.044	0.031	0.022	0.013	0.0093	0.0065	0.0033	0.0014		0.0010
排砂中	表層	10/06/28 08:00			100.0	98.2	89.1	82.2	66.2	53.9	41.0	25.5	17.0	10.3	2.1	0.0		0.028
	表層	10/06/28 12:42		100.0	99.2	96.4	87.0	70.2	59.7	45.0	32.1	15.9	8.9	4.4	0.4	0.0		0.035
	表層	10/06/28 15:45				100.0	98.0	94.7	82.5	69.3	55.1	34.4	23.4	14.6	0.7	0.0		0.019
排砂1日後	表層	10/06/29 09:14			100.0	99.8	96.6	93.5	83.4	73.3	62.0	44.1	33.6	23.8	6.9	0.1	0.0	0.016
通砂中	表層	10/07/12 15:23			100.0	99.0	90.5	80.4	60.3	48.7	41.4	30.1	23.5	17.0	5.5	0.1	0.0	0.031
	表層	10/07/13 08:14						100.0	98.4	90.9	76.7	53.6	40.2	27.5	7.2	0.0		0.012
	表層	10/07/13 11:59				100.0	99.1	96.5	84.2	70.5	57.4	40.2	30.3	21.2	6.3	0.1	0.0	0.018
	表層	10/07/13 15:04					100.0	98.3	84.6	68.1	51.8	31.6	22.0	14.3	3.5	0.0		0.021
通砂1日後	表層	10/07/14 10:20						100.0	88.2	73.6	61.8	45.2	35.1	25.4	7.9	0.1	0.0	0.015

調査地点：河口沖地点

採取時期	採取層	採取日時	通過質量百分率 (%)														50%粒 径(mm)	
			2.00	0.704	0.419	0.249	0.105	0.074	0.044	0.031	0.022	0.013	0.0093	0.0065	0.0033	0.0014		0.0010
通砂中	表層	10/07/12 15:34					100.0	99.6	95.4	88.8	79.9	64.0	52.5	40.2	14.9	0.8	0.0	0.0086

