

# Mercurio

Monitoraggio delle acque sotterranee in alcuni comuni della  
provincia di Treviso per il controllo dell' inquinamento da  
mercurio (Hg)

dati luglio 2018

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Nel 2011 in alcune aree dei comuni di Treviso, Casier, Preganziol e Quinto di Treviso è stata riscontrata la presenza di mercurio con valori superiori al limite di 1 microgrammo/litro stabilito dalla Direttiva 98/83/CE sulla qualità delle acque destinate al consumo umano. La Giunta Regionale ha così affidato ad ARPAV un monitoraggio d'indagine ai sensi del D.M. 260/2010<sup>1</sup>. ARPAV ha approvato lo schema di convenzione tra i due Enti ed ha istituito il progetto denominato MeMo (**M**onitoraggio d'indagine del **M**ercurio nelle acque sotterranee in provincia di Treviso)<sup>2</sup>. Il progetto si è concluso nel 2013 e la relazione conclusiva è disponibile sul sito internet dell'Agenzia<sup>3</sup>.

Dal 2014, per tenere sotto controllo l'evoluzione della contaminazione, sono state realizzate tre campagne di monitoraggio all'anno su una ventina di punti individuati tra quelli della rete di controllo del progetto MeMo. Anche in questo caso i risultati sono disponibili sul sito internet<sup>4</sup>.

Nel 2017 oltre alle tre campagne di monitoraggio previste nei mesi di marzo, giugno e ottobre, a seguito dell'accordo di collaborazione tecnico-scientifica con l'Università degli Studi di Ferrara<sup>5</sup>, è stata realizzata un'ulteriore campagna nel mese di novembre. L'accordo della durata di 18 mesi prevede, tra le altre cose, l'esecuzione di indagini isotopiche utili a determinare alcune caratteristiche degli acquiferi, come età, omogeneità e circolazione idrica, necessarie per comprendere meglio il fenomeno della contaminazione.

Il presente documento illustra sinteticamente i risultati delle analisi chimiche eseguite da ARPAV nei campioni prelevati nel mese di luglio 2018. L'esito delle analisi isotopiche e le elaborazioni previste dall'accordo saranno presentate dall'Università al termine della collaborazione.

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<sup>1</sup> Deliberazione della Giunta Regionale n. 962 del 05 luglio 2011. Intervento urgente per contrastare il fenomeno di inquinamento da Mercurio nelle falde acquifere della provincia di Treviso. Attuazione monitoraggio d'indagine (D.M. 260/2010).

<sup>2</sup> Deliberazione del Direttore Generale n. 126 del 08 settembre 2011.

<sup>3</sup> MeMo Monitoraggio d'indagine delle acque sotterranee in alcuni comuni della provincia di Treviso per lo studio delle modalità di propagazione del plume di inquinamento da mercurio (Hg) - Relazione conclusiva

<sup>4</sup> Monitoraggio delle acque sotterranee in alcuni comuni della provincia di Treviso per il controllo dell'inquinamento da mercurio (Hg)

<sup>5</sup> Deliberazione del Direttore Generale n. 256 del 26 ottobre 2017.

# 2

## I PUNTI DI MONITORAGGIO

Tra i punti monitorati nell'ambito del progetto MeMo, ne sono stati individuati una ventina come rete di controllo della contaminazione in atto. A seguito dei risultati del monitoraggio del 10 novembre 2014 su dieci punti in comune di Preganziol <sup>1</sup>, il pozzo 6600 di via Schiavonia Nuova è stato sostituito con il 6599 sempre in via Schiavonia Nuova. Quest'ultimo, non essendo più campionabile da fine 2016, è stato sostituito dal pozzo 6642.

Nel mese di luglio, analogamente a quanto fatto nella precedente campagna e nell'ambito della già citata convenzione con l'Università di Ferrara, sono stati analizzati ulteriori undici punti rispetto ai 21 della rete di controllo degli ultimi anni (tabella 1 e figura 1). I punti aggiunti sono stati presi in esame al fine di avere una più ampia base informativa per le indagini isotopiche, oggetto della collaborazione con l'Università. In particolare, sono stati reinseriti nel monitoraggio nove punti già analizzati fino al 2013 nell'ambito del progetto MeMo e due nuovi punti: uno a Preganziol e uno a Mogliano Veneto.

	comune	pozzo	profondità	indirizzo
	Casier	6006*	230	via Santi
	Casier	6076	260	via Marie
	Casier	6163	248	via Collegio Dei Palazzi
	Casier	6171	259	via Santi
	Mogliano Veneto	6664+	300	via Della Croce
	Preganziol	6001*	260	via Baratta Vecchia
	Preganziol	6033*	260	via Ferruglio
	Preganziol	6036	264	via Schiavonia Nuova
	Preganziol	6132*	250	via Franchetti
	Preganziol	6200	255	via Munara
	Preganziol	6257	250	via Baratta Vecchia
	Preganziol	6297*	220	via Dei Munari
	Preganziol	6598	255	via Marconi
	Preganziol	6606+	280	via Caduti nei lager
	Preganziol	6642	256	via Schiavonia Nuova
punti rete	Quinto di Treviso	6027	230	via Boiago
	Quinto di Treviso	6187*	188	via San Giuseppe
	Quinto di Treviso	6326	215	via Giorgione
	Quinto di Treviso	6332*	200	via Noalese
	Quinto di Treviso	6478	207	via San Cassiano
	Quinto di Treviso	6532*	190	via Giusti
	Quinto di Treviso	6564	160	via Brondi
	Treviso	6061	225	via Maleviste
	Treviso	6085	207	via Boiago
	Treviso	6383	220	via Selvatico
	Treviso	6385	196	via Sant'Angelo
	Treviso	6386	250	via Canizzano
	Treviso	6438*	190	via Dell'Isola
	Treviso	6488	210	via Comunale San Vitale
	Treviso	6516	228	via San Trovaso
	Treviso	6563	240	via Salomoni
	Treviso	6573	187	via Noalese

Tabella 1: Elenco dei punti analizzati (\* punto del progetto MeMo reinserito nel monitoraggio, + punto nuovo).

<sup>1</sup> Monitoraggio delle acque sotterranee in alcuni comuni della provincia di Treviso per il controllo dell'inquinamento da mercurio (Hg) - dati febbraio, luglio e ottobre 2014

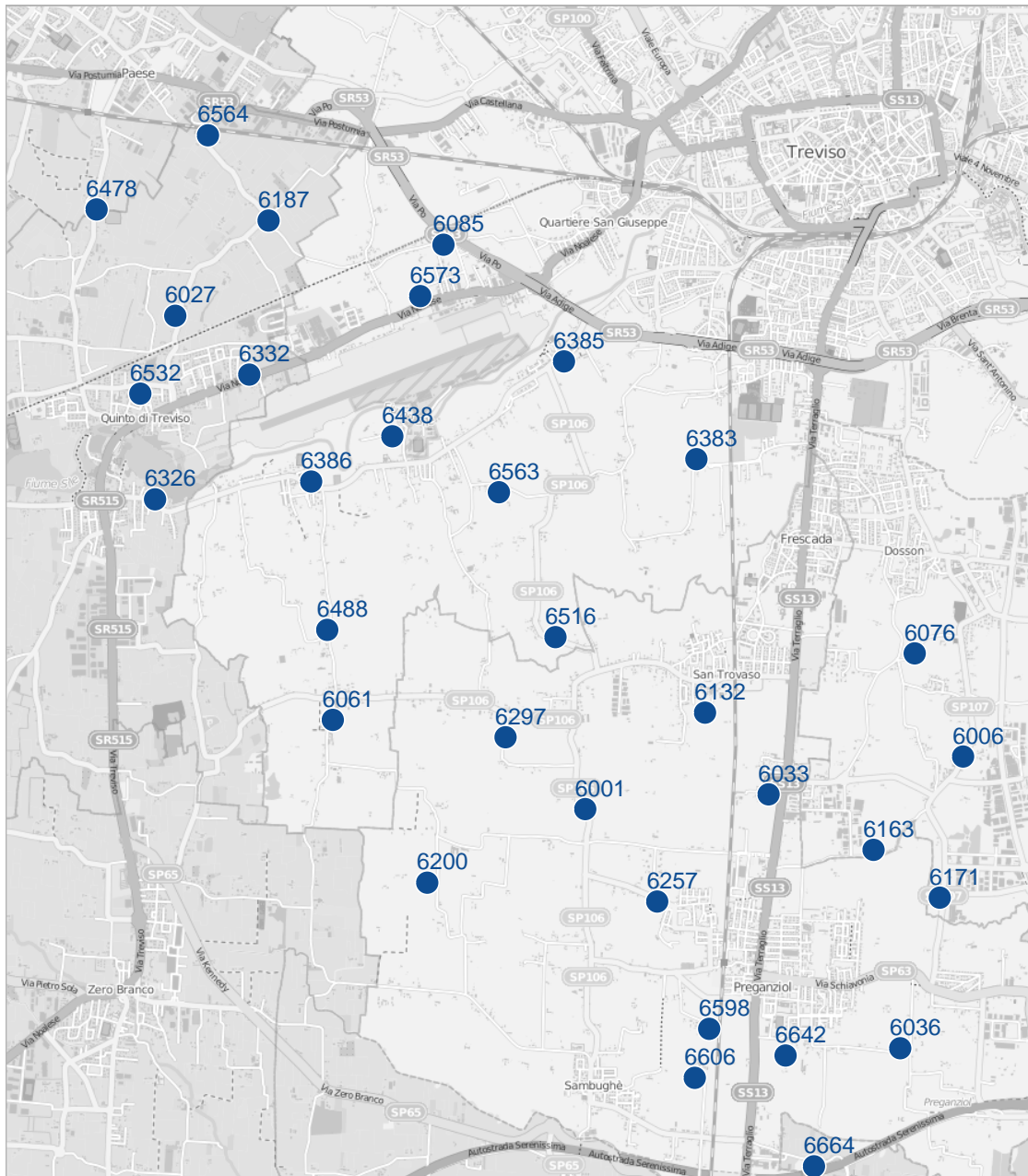


Figura 1: Ubicazione dei punti di monitoraggio della rete di controllo analizzati a luglio.

# 3

## I PARAMETRI RICERCATI

Il set di parametri ricercati è riportato in tabella 2 e comprende alcuni parametri chimico-fisici (temperatura, pH, ossigeno disciolto, potenziale redox, conduttività), gli ioni principali (calcio, magnesio, sodio, potassio, cloruri, solfati, bicarbonati, nitrati), alcuni metalli (arsenico, ferro, manganese, mercurio) e alcuni altri elementi (bromuri, iodio, ione ammonio). Per il dettaglio dei risultati analitici si rimanda all'Appendice A.

parametro	sigla	udm
temperatura	T	°C
pH	pH	pH
ossigeno disciolto	DO	mg/l
potenziale redox	Eh	mV
conduttività	CE	μS/cm
calcio	Ca	mg/l
magnesio	Mg	mg/l
sodio	Na	mg/l
potassio	K	mg/l
cloruri	Cl	mg/l
solfati	SO <sub>4</sub>	mg/l
bicarbonati	HCO <sub>3</sub>	mg/l
nitrati	NO <sub>3</sub>	mg/l
bromuri	Br	μg/l
iodio	I	μg/l
ione ammonio	NH <sub>4</sub>	μg/l
arsenico	As	μg/l
ferro	Fe	μg/l
manganese	Mn	μg/l
mercurio	Hg	μg/l

Tabella 2: Elenco dei parametri analizzati.

# 4

## DISTRIBUZIONE DEL MERCURIO

Le concentrazioni di mercurio misurate in ciascuno dei 32 punti, a partire da gennaio 2012, sono sintetizzate in tabella 3 e rappresentate in figura 2.

Rispetto all'intero insieme di dati, è stata effettuata una analisi statistica dell'andamento (trend) nel tempo su tutti i punti (20) le cui serie temporali avessero dati idonei alla valutazione (Appendice B). L'analisi statistica conferma il trend crescente di concentrazione, già evidenziato nei precedenti rapporti, per i pozzi 6598 e 6036 di Preganziol, posti nella parte più meridionale della rete di controllo, e per il pozzo 6488 di Treviso, posto nella parte occidentale (figura 3). Nel pozzo 6036, nonostante la tendenza complessiva risulti in crescita, la concentrazione è sempre ampiamente al di sotto del valore limite di 1 µg/l.

Per i nove punti reinseriti nel monitoraggio a seguito della convenzione con l'Università di Ferrara, già analizzati nel progetto MeMo fino al 2013, l'analisi statistica non è stata applicata in considerazione del ridotto insieme di dati. Tuttavia, dal confronto degli ultimi valori con i precedenti si nota che quattro pozzi posizionati nell'area con trend decrescente (6033 e 6132 a Preganziol, 6332 a Quinto di Treviso e 6438 a Treviso) mostrano una diminuzione nella concentrazione, mentre per gli altri rimane sostanzialmente stabile. In figura 4 è rappresentata la distribuzione nello spazio della concentrazione di mercurio delle ultime quattro campagne realizzate. I risultati analitici completi sono riportati in appendice A.





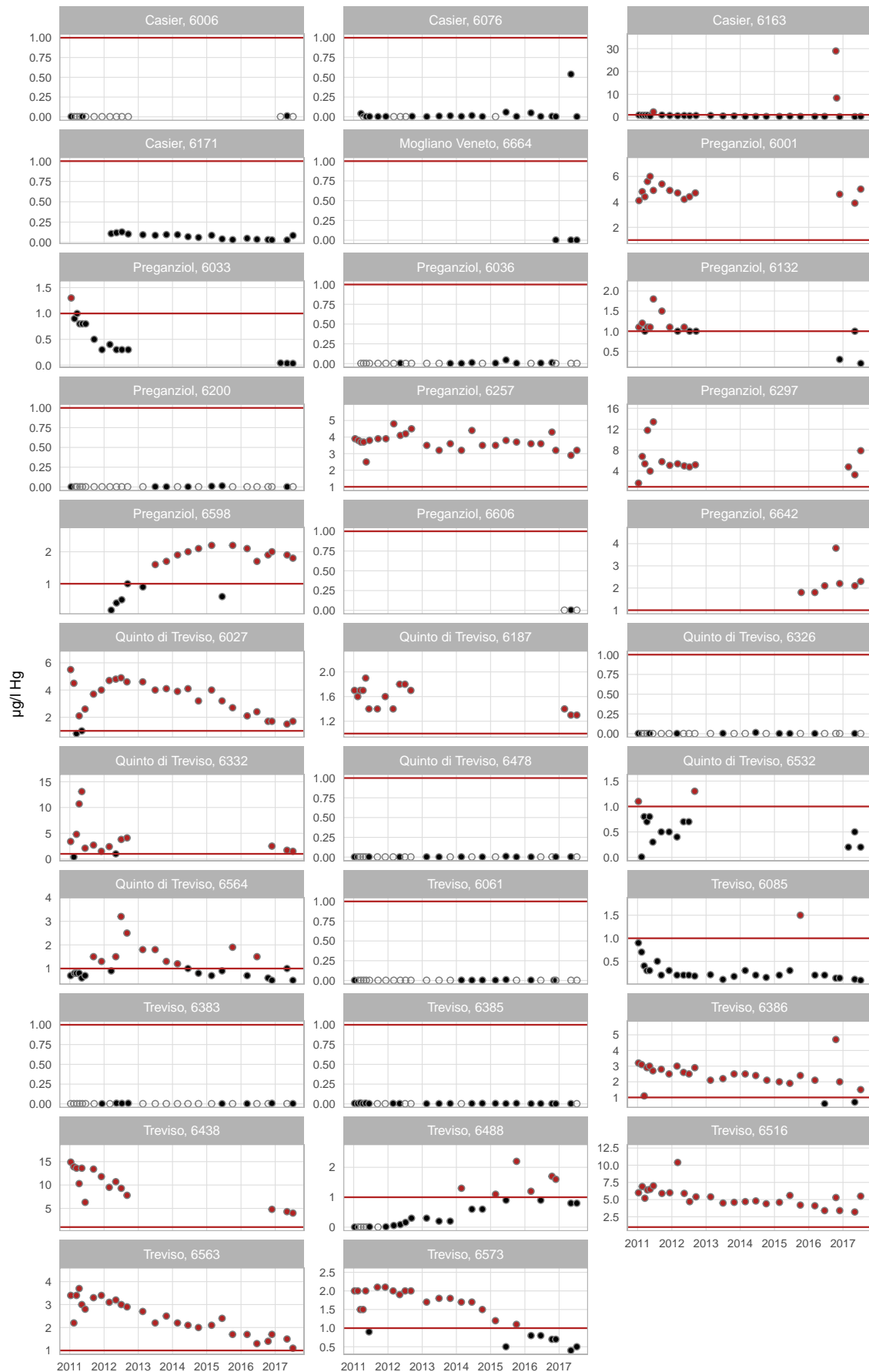


Figura 2: Andamento della concentrazione di mercurio in funzione del tempo. La linea rossa orizzontale individua la concentrazione limite di 1 µg/l per le acque destinate al consumo umano.

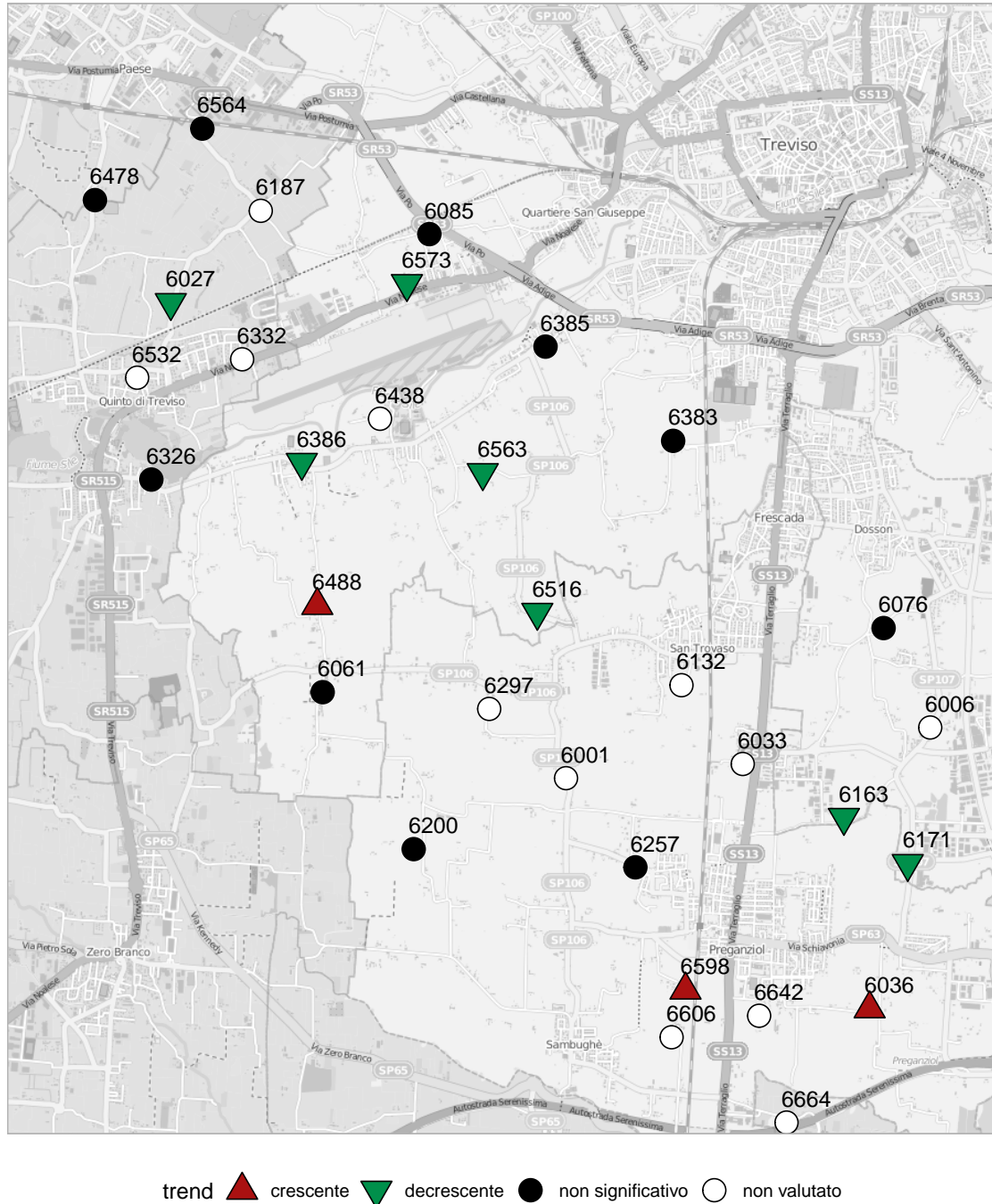


Figura 3: Mappa dei risultati dell'analisi di tendenza con il test non parametrico di Mann-Kendall.

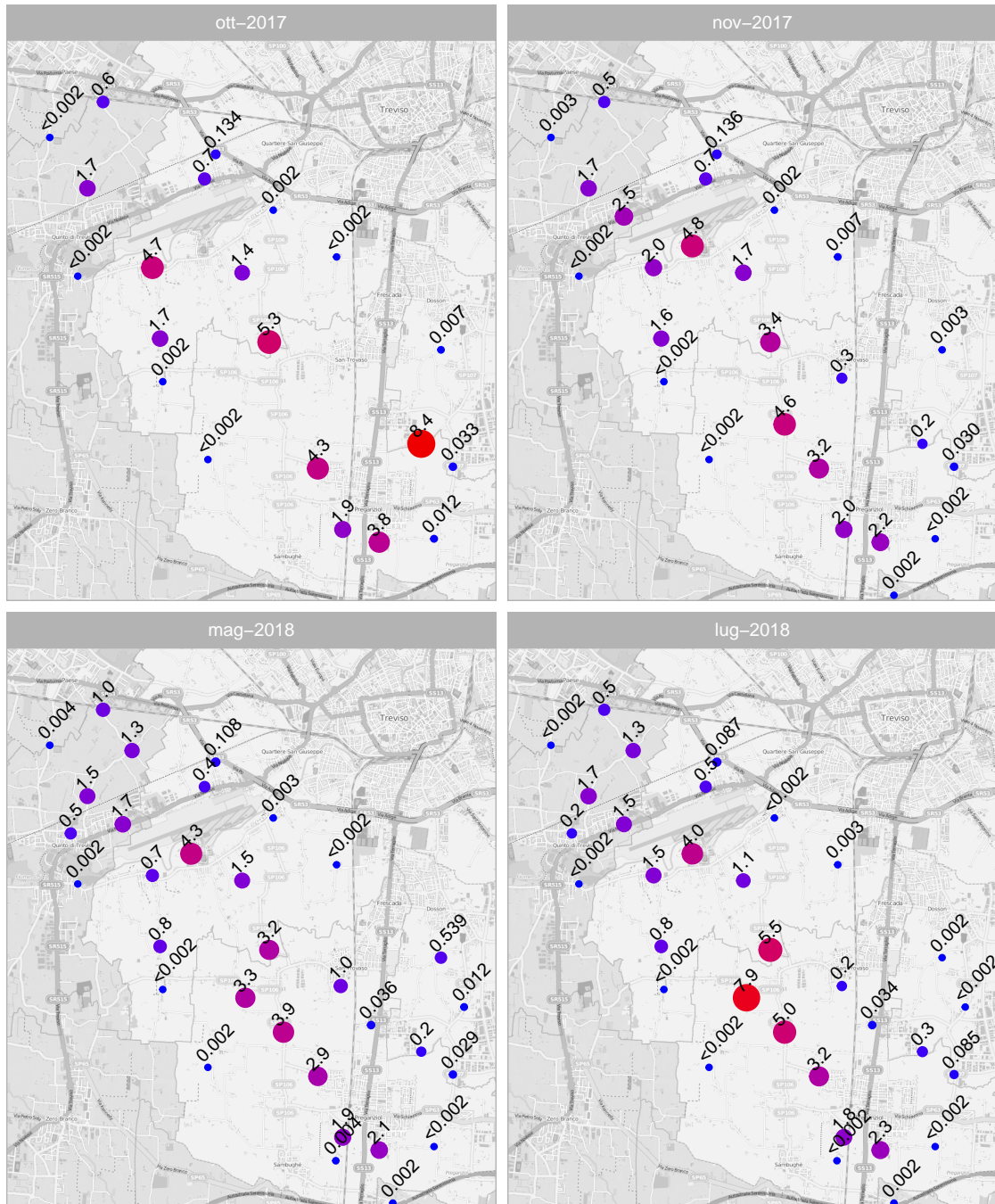


Figura 4: Distribuzione delle concentrazioni di mercurio misurate nelle ultime quattro campagne.

# 5

## SCHEDA SINTESI PUNTO

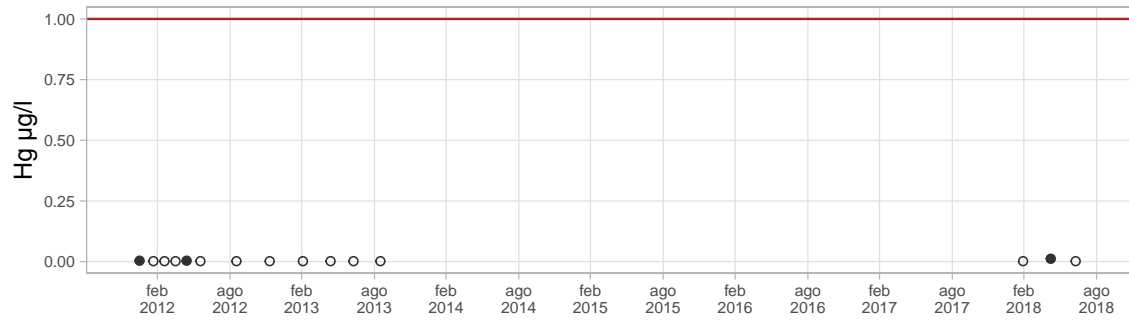
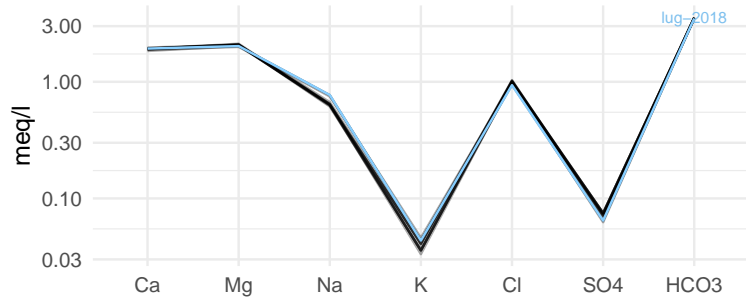
Per ciascun pozzo è riportata una scheda di sintesi con:

- l'ubicazione all'interno della rete di controllo;
- la composizione chimica dell'acqua di tutti i campioni, compresi quelli analizzati nell'ambito del progetto MeMo, mediante il diagramma di Schoeller <sup>1</sup> ;
- l'andamento nel tempo della concentrazione di mercurio;
- lo storico dei risultati analitici per i parametri ricercati nell'ultima campagna.

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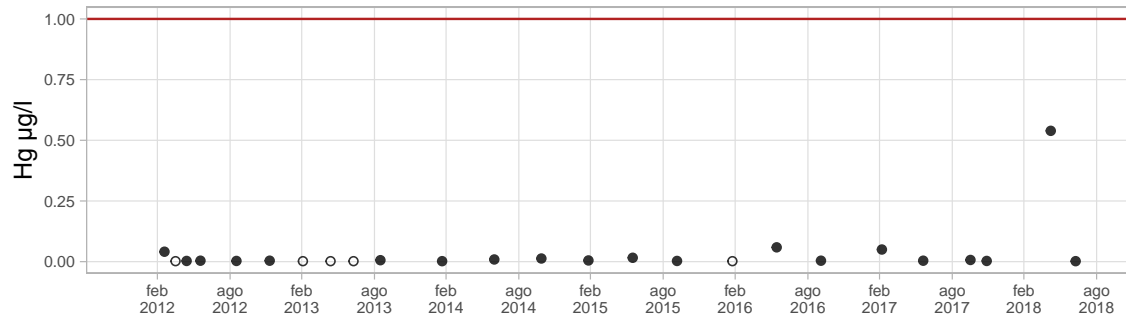
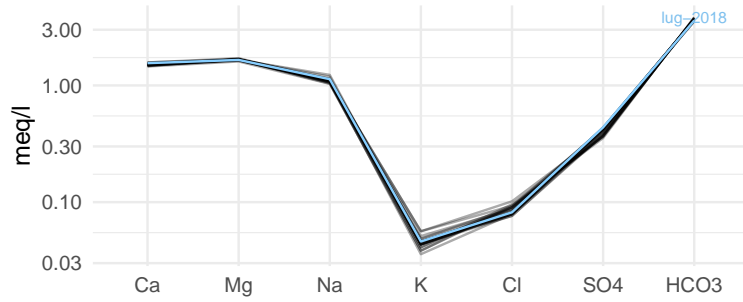
<sup>1</sup> Nel diagramma di Schoeller si riportano in ordinata le concentrazioni ioniche in mEq/l in scala logaritmica ed in ascissa cationi ed anioni. Questo tipo di grafico permette di confrontare con facilità un gran numero di campioni, evidenziando quelli con caratteristiche diverse.

## 5.1 POZZO 6006 CASIER, VIA SANTI



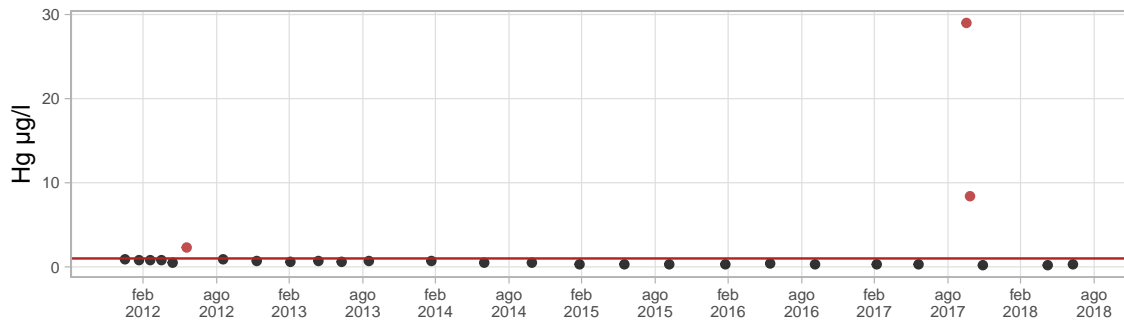
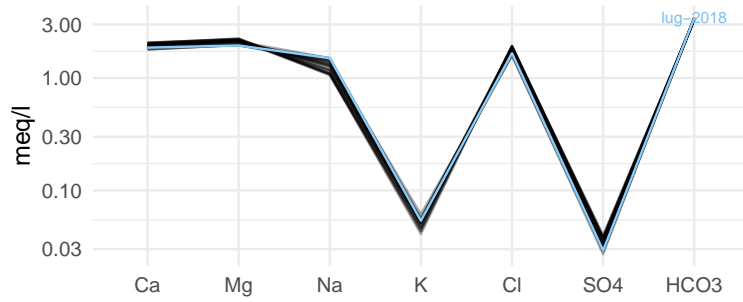
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
16/01/2012	15.2	7.8	1.9	150	402	38.1	25.2	14.5	1.4	35.7	3.4	213	<0.5	173	<20	<40	<1	<10	<5	0.004
20/02/2012	14.6	7.8	1.9	157	399	38.9	25.2	14.3	1.4	35.0	3.6	216	<0.5	194	<20	<40	<1	<10	<5	<0.002
19/03/2012	16.0	7.8	1.8	207.5	405	38.6	25.2	14.1	1.4	34.3	3.6	216	<0.5	204	<20	<40	<1	<10	<5	<0.002
16/04/2012	15.9	7.8	1.5	192	403	38.8	25.4	14.5	1.3	35.3	3.6	217	<0.5	205	<20	<40	<1	<10	<5	<0.002
14/05/2012	16.1	7.8	1.7	203	399	38.3	25.8	14.8	1.4	36.1	3.6	218	<0.5	231	<20	<40	1	<10	<5	0.004
18/06/2012	17.0	7.8	2.8	129	399	38.1	25.0	14.6	1.4	35.7	3.5	214	<0.5	229	<20	<40	<1	<10	<5	<0.002
17/09/2012	16.6	7.8	1.8	181	401	39.4	25.3	14.6	1.5	36.3	3.5	217	<0.5	224	<20	40	1	<10	<5	<0.002
10/12/2012	15.2	7.8	2.3	166	404	38.6	25.3	14.6	1.6	35.7	3.6	214	<0.5	242	<20	<40	<1	<10	<5	<0.002
04/03/2013	15.7	7.8	1.4	87	398	37.8	24.7	14.7	1.6	35.3	3.5	211	<0.5	233	<20	<40	<1.0	<10	<5	<0.002
13/05/2013	16.1	7.8	1.3	67	394	38.4	25.3	14.9	1.6	36.7	3.4	214	<0.5	233	<20	<20	1.1	<10	<5	<0.002
10/07/2013	16.5	7.8	2.4	157	393	38.2	25.0	14.8	1.6	35.6	3.4	217	<0.5	231	<20	<40	<1.0	<10	<5	<0.002
16/09/2013	16.2	7.8	2.5	-60	398	38.4	25.4	15.4	1.7	36.1	3.3	214	<0.5	260	<20	<40	1.0	<10	<5	<0.002
27/02/2018	13.9	7.8	3.7	200	399	37.6	24.2	17.2	1.8	34.9	3.1	213	<0.5	220	<50	<40	1.0	<10	<5	<0.002
08/05/2018	16.7	7.9	2.5	192	399	36.8	24.6	17.6	1.7	34.6	3.0	214	<0.5	230	<50	<40	<1.0	<10	<5	0.012
10/07/2018	17.4	7.9	2.1	172	398	38.6	24.6	17.7	1.7	33.2	3.1	213	0.4	250	<50	60	<1.0	<10	<5	<0.002

## 5.2 POZZO 6076 CASIER, VIA MARIE



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
19/03/2012	15.9	7.9	3.9	93	352	29.8	20.1	23.8	1.5	3.3	17.0	233	0.5	<20	28	<40	<1	46	<5	0.041
16/04/2012	15.8	7.9	5.2	159	350	29.9	20.3	24.3	1.6	3.2	17.5	230	<0.5	<20	29	<40	2	63	<5	<0.002
14/05/2012	16.6	7.9	3.9	144	346	29.3	20.5	24.3	1.6	3.4	17.6	234	<0.5	22	31	<40	2	131	<5	0.003
18/06/2012	19.0	7.9	2.1	49	346	29.1	19.5	23.7	1.5	3.2	17.6	230	<0.5	24	<20	<40	<1	37	<5	0.004
17/09/2012	16.7	7.9	3.9	172	348	30.7	20.1	24.3	1.7	3.2	17.7	229	<0.5	21	30	<40	<1	39	<5	0.003
10/12/2012	15.0	7.9	3.9	116	351	30.1	20.1	25.1	1.7	3.1	18.0	229	<0.5	27	<20	<40	<1	41	<5	0.004
04/03/2013	15.6	7.9	2.6	90	345	29.6	19.8	25.1	1.7	2.7	18.1	225	<0.5	24	<20	<40	<1.0	31	<5	<0.002
13/05/2013	16.0	7.9	4.3	50	341	30.2	20.2	25.0	1.8	2.8	18.5	222	<0.5	23	26	<20	1.1	44	<5	<0.002
10/07/2013	17.7	7.9	3.8	142	342	29.8	19.9	25.0	1.8	2.7	18.5	227	<0.5	26	25	<40	<1.0	25	<5	<0.002
16/09/2013	16.6	7.9	3.9	89	346	30.1	20.3	25.4	2.2	3.6	18.8	227	<0.5	24	32	<40	1.5	68	<5	0.006
19/02/2014	15.8	7.8	4.9	148	346	30.3	20.3	24.9	1.7	2.8	19.4	228	<0.5	23	24	<40	<1.0	35	<5	0.002
01/07/2014	16.7	7.9	5.0	122	350	30.5	20.4	25.5	1.7	2.8	19.6	224	<0.5	21	21	<40	<1.0	33	<5	0.009
28/10/2014	15.3	7.9	4.1	119	347	30.1	20.3	25.3	1.7	2.8	19.9	222	<0.5	<100	<50	<40	1.0	58	<5	0.013
24/02/2015	14.9	8.0	5.7	119	351	30.7	20.3	25.1	2.2	3.3	20.1	221	<0.5	<20	22	42	<1.0	35	<5	0.005
16/06/2015	17.2	8.0	5.0	99	349	31.0	20.6	25.5	1.8	2.9	20.2	225	<0.5	<100	<50	<40	<1.0	24	<5	0.016
06/10/2015	16.3	8.0	5.3	115	343	29.9	20.2	24.5	1.4	2.8	19.9	225	<0.5	<100	<50	<40	<1.0	40	<5	0.003
23/02/2016	15.0	7.9	5.8	NA	349	30.5	20.3	27.3	1.8	2.9	20.8	216	<0.5	<100	<50	<40	<1.0	28	<5	<0.002
14/06/2016	16.4	8.0	6.4	183	355	31.5	20.8	25.3	1.7	3.0	20.8	224	<0.5	<100	<50	<40	1.0	29	<5	0.059
04/10/2016	13.6	7.9	5.9	135	352	30.8	20.2	24.8	1.9	3.2	20.6	221	<0.5	<100	<50	<40	<1.0	43	<5	0.004
07/03/2017	15.1	7.9	6.4	95	336	31.6	20.3	26.1	2.0	3.1	20.5	223	<0.5	<100	<50	<40	<1.0	42	<5	0.050
19/06/2017	17.4	8.1	7.1	204	350	30.3	20.2	25.5	1.8	2.8	20.4	222	<0.5	<100	<50	<40	<1.0	36	<5	0.004
17/10/2017	16.3	8.0	6.5	128	358	29.6	20.1	28.3	1.7	2.9	20.5	223	<0.5	<100	<50	<40	<1.0	35	<5	0.007
27/11/2017	14.5	8.0	5.6	82	349	31.1	19.9	25.3	1.9	3.0	20.4	216	<0.5	<100	<50	<40	<1.0	37	<5	0.003
08/05/2018	18.1	7.9	4.1	132	349	29.7	20.3	26.1	1.8	2.8	20.7	222	<0.5	<100	<50	<40	<1.0	47	<5	0.539
10/07/2018	18.6	7.9	3.8	113	349	31.1	20.1	26.0	1.8	2.9	21.0	219	<0.5	<100	<50	40	<1.0	41	<5	0.002

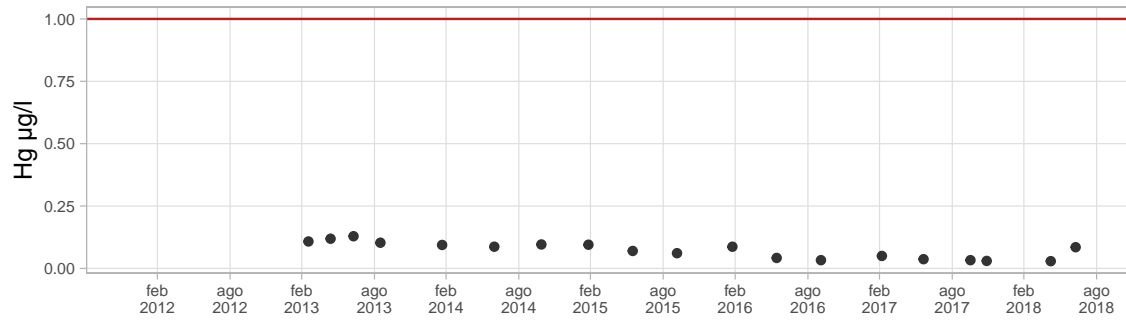
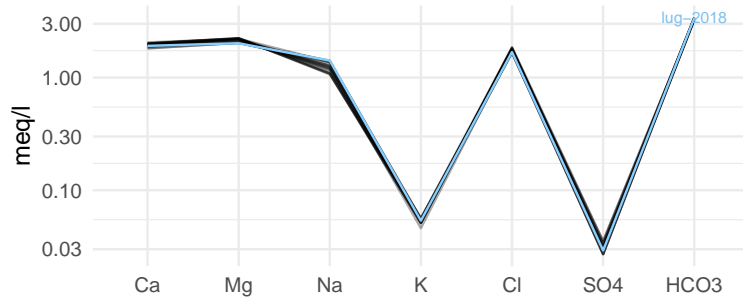
### 5.3 POZZO 6163 CASIER, VIA COLLEGIO DEI PALAZZI



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
16/01/2012	14.8	7.8	2.6	-7	485	40.6	26.9	25.1	1.8	68.0	1.8	204	<0.5	395	202	<40	<1	203	6	0.9
20/02/2012	13.6	7.9	3.1	60	483	41.5	27.0	25.1	1.8	67.5	1.8	202	<0.5	374	201	<40	<1	124	5	0.8
19/03/2012	15.8	7.8	2.2	104.4	489	41.2	27.0	24.3	1.7	67.5	1.9	207	<0.5	405	209	<40	<1	134	5	0.8
16/04/2012	15.7	7.8	2.2	65	485	41.3	27.2	25.1	1.7	67.5	1.9	203	<0.5	403	203	<40	<1	169	6	0.8
14/05/2012	16.1	7.8	1.8	-4	478	40.7	27.4	25.1	1.8	69.0	1.8	205	<0.5	431	203	<40	1	266	6	0.5
18/06/2012	16.4	7.9	1.9	-38	479	39.9	26.4	24.7	1.6	68.0	1.7	207	<0.5	437	201	<40	<1	742	6	2.3
17/09/2012	16.7	7.8	2.1	22	480	41.2	26.6	25.1	1.9	66.5	1.8	203	<0.5	420	208	<40	<1	243	6	0.9
10/12/2012	14.7	7.8	2.1	-16	484	40.4	26.7	26.3	2.0	66.7	1.8	203	<0.5	460	220	<40	<1	176	5	0.7
04/03/2013	15.6	7.8	1.5	-7	477	39.5	26.0	26.7	2.0	65.0	1.8	202	<0.5	438	192	<40	<1.0	119	<5	0.6
13/05/2013	16.0	7.8	1.7	-7	471	40.1	26.5	27.1	2.0	66.1	1.7	204	<0.5	426	191	40	<1.0	143	<5	0.7
10/07/2013	16.3	7.8	2.3	54	469	39.7	26.1	27.1	2.0	64.4	1.7	204	<0.5	426	187	<40	<1.0	133	<5	0.6
16/09/2013	15.8	7.8	2.1	10	473	39.6	26.3	30.0	2.1	67.8	1.6	204	<0.5	468	187	<40	1.0	212	6	0.7
19/02/2014	14.9	7.8	2.5	-72	472	39.4	26.0	28.1	2.0	64.2	1.6	209	<0.5	422	176	<40	<1.0	276	5	0.7
01/07/2014	17.6	7.8	2.3	-49	479	39.4	25.9	29.1	2.2	64.5	1.6	207	<0.5	392	169	<40	<1.0	203	5	0.5
28/10/2014	15.2	7.8	2.8	-10	470	38.9	25.7	30.3	2.0	63.2	1.6	203	<0.5	420	140	<40	1.0	178	<5	0.5
24/02/2015	15.1	7.8	5.4	73	469	38.8	25.3	29.2	2.1	62.2	1.6	201	<0.5	376	133	<40	<1.0	95	<5	0.3
16/06/2015	16.9	7.9	2.6	16	468	38.9	25.5	30.4	2.1	61.7	1.5	205	<0.5	410	130	<40	<1.0	79	<5	0.3
06/10/2015	16.1	7.8	1.9	-13	467	38.1	25.1	29.8	1.9	61.0	1.5	208	<0.5	400	140	<40	<1.0	145	<5	0.3
23/02/2016	15.3	7.8	2.6	-63	468	40.3	25.7	34.6	2.2	63.4	1.5	205	<0.5	430	120	<40	<1.0	169	<5	0.3
14/06/2016	16.3	7.8	1.9	NA	479	39.3	25.4	31.6	2.1	62.2	1.5	204	<0.5	420	120	<40	1.0	113	<5	0.4
04/10/2016	16.7	7.8	1.8	26	470	38.2	24.5	31.3	2.1	62.7	1.4	202	<0.5	400	110	<40	<1.0	107	<5	0.3
07/03/2017	16.0	7.8	2.6	-57	451	38.8	24.5	34.4	2.1	61.8	1.4	206	<0.5	420	100	<40	<1.0	131	5	0.3
19/06/2017	16.9	8.0	2.2	75	468	37.2	24.1	32.9	2.1	59.5	1.4	207	<0.5	360	90	<40	<1.0	162	<5	0.3
17/10/2017	16.4	7.9	1.9	-46	475	36.1	24.0	33.7	2.1	62.9	1.4	212	<0.5	390	100	<40	4.0	6110	7	29.0
26/10/2017	16.4	7.5	2.9	-32	568	36.1	23.9	32.4	2.1	58.4	1.4	201	<0.5	390	80	<40	<1.0	2040	<5	8.4
27/11/2017	15.5	7.9	2.0	-23	463	38.2	23.7	32.3	2.4	56.0	1.4	208	<0.5	350	90	<40	<1.0	134	<5	0.2
08/05/2018	16.9	7.9	2.5	38	463	36.0	24.0	33.0	2.1	56.4	1.3	210	<0.5	560	90	<40	<1.0	176	<5	0.2
10/07/2018	17.4	7.9	2.5	-47	462	37.4	23.7	34.6	2.1	59.0	1.4	209	<0.5	410	90	<40	<1.0	271	<5	0.3

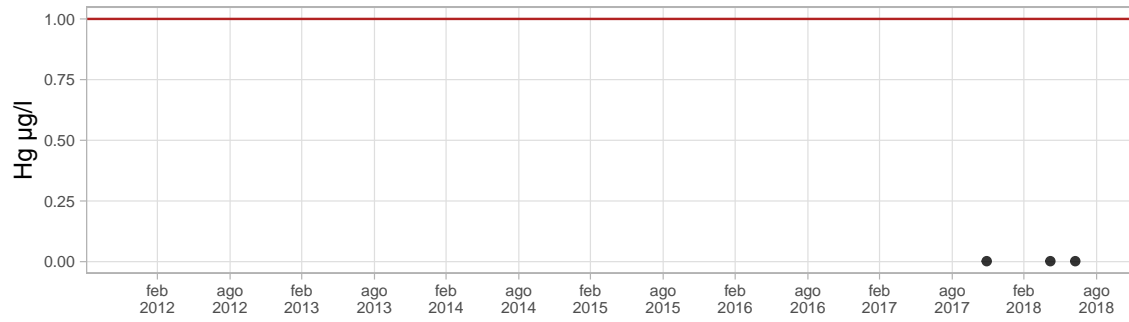
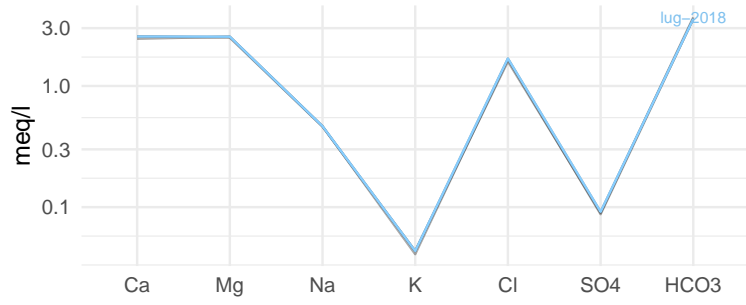


## 5.4 POZZO 6171 CASIER, VIA SANTI



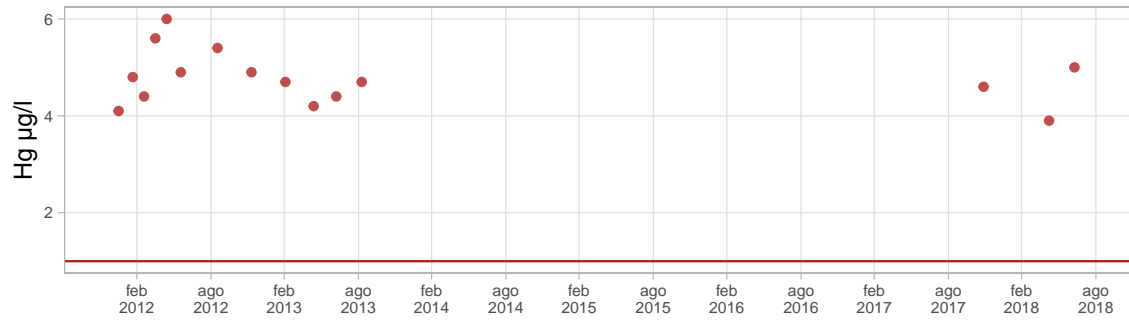
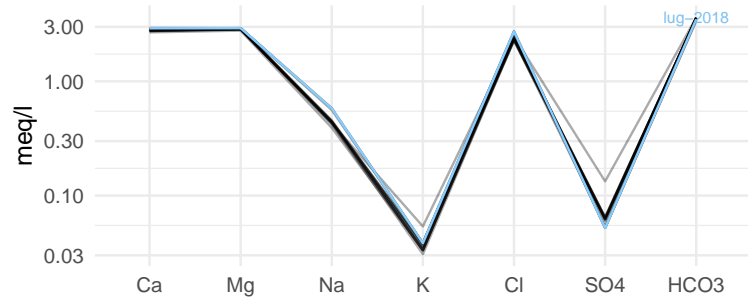
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
18/03/2013	NA	7.8	NA	NA	489	40.4	27.2	24.5	2.2	65.3	1.6	206	<0.5	445	185	<40	1.4	470	<5	0.108
13/05/2013	16.4	7.8	1.2	-87	470	40.1	27.2	24.8	2.0	66.1	1.7	203	<0.5	429	182	<20	1.4	471	<5	0.119
10/07/2013	16.7	7.8	2.0	-124	469	40.2	26.9	25.0	2.0	64.5	1.6	203	<0.5	430	184	<40	<1.0	454	<5	0.129
16/09/2013	16.6	7.8	2.9	-110	473	40.1	27.1	25.1	2.1	62.8	1.6	202	<0.5	471	197	<40	1.5	314	<5	0.103
19/02/2014	16.1	7.8	1.8	-168	474	40.0	26.8	25.8	2.0	64.2	1.5	207	<0.5	426	211	<40	1.0	519	5	0.094
01/07/2014	16.7	7.8	1.7	-139	479	39.9	26.8	26.8	2.0	64.5	1.5	209	<0.5	394	158	<40	1.0	460	<5	0.087
28/10/2014	16.0	7.8	2.0	-133	472	39.4	26.4	28.0	2.1	63.5	1.4	202	<0.5	430	140	<40	1.5	455	<5	0.096
24/02/2015	15.2	7.8	9.3	-91	469	39.3	26.2	27.3	2.1	62.7	1.5	201	<0.5	376	146	<40	1.2	380	<5	0.095
16/06/2015	16.9	7.8	1.8	-138	470	38.8	26.2	28.4	2.1	61.6	1.5	204	<0.5	410	130	<40	1.0	263	<5	0.070
06/10/2015	16.4	7.9	3.1	-132	468	38.4	25.9	27.6	1.8	62.0	1.3	205	<0.5	410	140	<40	1.0	460	<5	0.061
23/02/2016	16.2	7.8	1.5	-183	467	41.1	26.8	29.1	2.2	61.8	1.7	205	<0.5	450	130	40	<1.0	327	<5	0.087
14/06/2016	16.5	7.9	1.7	-92	479	39.7	26.3	29.3	2.1	63.7	1.4	199	<0.5	410	120	57	1.9	341	<5	0.042
04/10/2016	16.8	7.8	2.2	-113	471	37.9	25.4	29.0	2.1	63.2	1.4	197	<0.5	410	130	<40	1.5	236	<5	0.033
07/03/2017	16.8	7.8	1.6	-120	452	39.4	25.3	31.9	2.2	60.7	1.4	202	<0.5	390	130	<40	1.2	273	<5	0.050
20/06/2017	16.9	7.8	1.6	-35	469	37.5	24.8	30.5	2.1	60.4	1.3	197	<0.5	360	110	<40	1.7	277	<5	0.037
17/10/2017	16.5	7.9	1.4	-125	473	36.5	24.7	31.4	2.0	58.7	1.4	202	<0.5	400	110	<40	<1.0	245	<5	0.033
27/11/2017	15.3	7.9	2.0	-77	464	38.6	26.9	31.7	2.2	58.8	1.3	202	<0.5	370	110	<40	1.3	297	16	0.030
08/05/2018	17.1	7.9	2.3	-28	463	36.3	24.7	32.3	2.1	59.2	1.3	207	<0.5	560	120	<40	1.3	274	<5	0.029
10/07/2018	17.0	7.9	2.2	-132	461	38.3	24.5	32.5	2.1	59.7	1.4	206	<0.5	400	130	46	1.0	287	<5	0.085

## 5.5 POZZO 6664 MOGLIANO VENETO, VIA DELLA CROCE



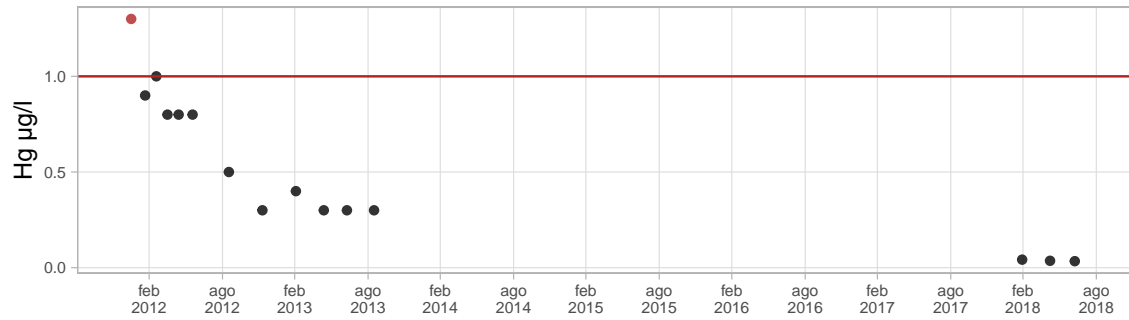
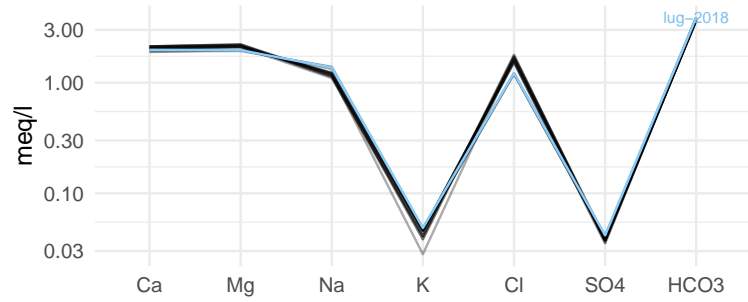
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
27/11/2017	15.1	7.8	3.8	-20	480	51.4	30.4	10.6	1.7	56.5	4.3	225	<0.5	350	<50	<40	<1.0	86	21	0.002
07/05/2018	17.2	7.8	2.9	-37	483	49.1	31.0	10.7	1.6	58.9	4.2	218	<0.5	510	50	<40	<1.0	75	17	0.002
09/07/2018	19.7	7.8	2.5	8	480	51.3	31.0	10.7	1.7	59.7	4.4	218	<0.5	390	<50	<40	<1.0	80	<5	0.002

## 5.6 POZZO 6001 PREGANZIOL, VIA BARATTA VECCHIA



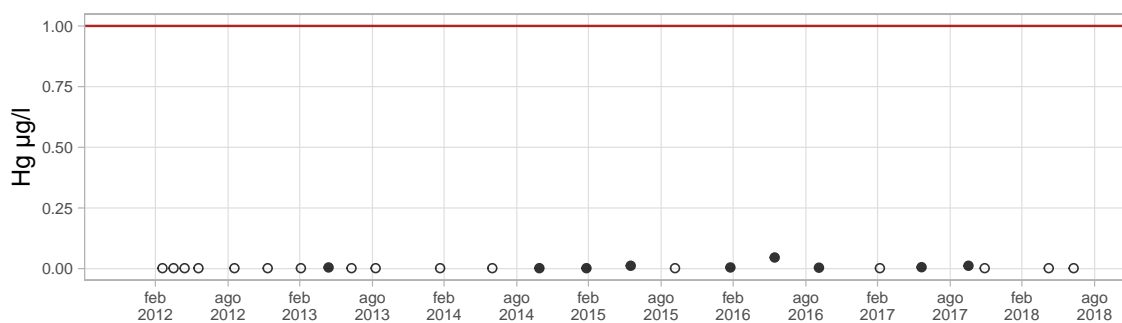
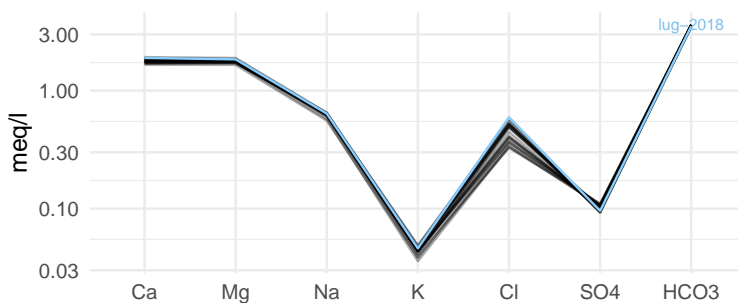
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
16/01/2012	14.1	7.7	2.6	88	541	55.0	34.6	9.7	1.2	82.0	3.1	218	<0.5	422	105	<40	<1	96	<5	4.1
20/02/2012	13.5	7.8	6.1	117	545	56.2	34.8	9.9	2.1	84.4	3.1	220	<0.5	465	140	<40	<1	195	<5	4.8
19/03/2012	14.8	7.8	3.3	45	548	57.6	34.9	9.8	1.3	86.0	3.1	219	<0.5	465	130	<40	<1	150	<5	4.4
16/04/2012	14.5	7.8	3.9	-45	547	55.7	34.8	10.0	1.5	82.0	2.6	222	<0.5	469	163	<40	<1	603	<5	5.6
14/05/2012	15.1	7.8	5.8	-15	539	55.3	34.8	10.0	1.3	83.0	3.0	218	<0.5	498	169	<40	<1	200	<5	6.0
18/06/2012	16.2	7.8	3.2	NA	541	53.8	33.8	9.0	1.3	85.0	3.0	221	<0.5	503	188	<40	<1	72	<5	4.9
17/09/2012	15.3	7.7	1.7	-17	546	56.4	34.6	10.2	1.3	84.0	3.0	219	<0.5	494	170	<40	<1	56	<5	5.4
10/12/2012	14.6	7.8	6.9	-25	555	56.7	35.0	10.3	1.5	81.0	3.0	219	<0.5	528	155	<40	<1	75	<5	4.9
04/03/2013	14.8	7.8	5.2	-5	548	55.4	34.5	10.2	1.3	80.3	2.9	220	<0.5	540	148	<40	<1.0	74	<5	4.7
13/05/2013	15.7	7.6	1.7	81	545	55.8	35.0	10.2	1.4	89.2	2.9	219	<0.5	532	166	<20	<1.0	47	<5	4.2
08/07/2013	15.7	7.6	2.5	125	545	56.0	34.9	10.3	1.4	88.0	3.0	217	<0.5	545	171	<40	<1.0	70	<5	4.4
09/09/2013	15.3	7.7	1.9	-81	538	56.6	35.3	10.5	1.4	87.2	6.4	221	<0.5	554	168	<40	<1.0	64	<5	4.7
27/11/2017	14.6	7.7	2.7	-36	575	58.9	35.6	12.9	1.5	97.4	2.5	206	<0.5	560	210	<40	<1.0	289	<5	4.6
08/05/2018	15.7	7.7	2.9	-25	579	56.3	35.6	13.4	1.5	96.3	2.5	211	<0.5	770	220	<40	<1.0	238	<5	3.9
10/07/2018	15.8	7.7	2.4	-72	575	58.4	35.5	13.3	1.5	96.9	2.5	213	<0.5	610	180	70	<1.0	366	<5	5.0

## 5.7 POZZO 6033 PREGANZIOL, VIA FERRUGLIO



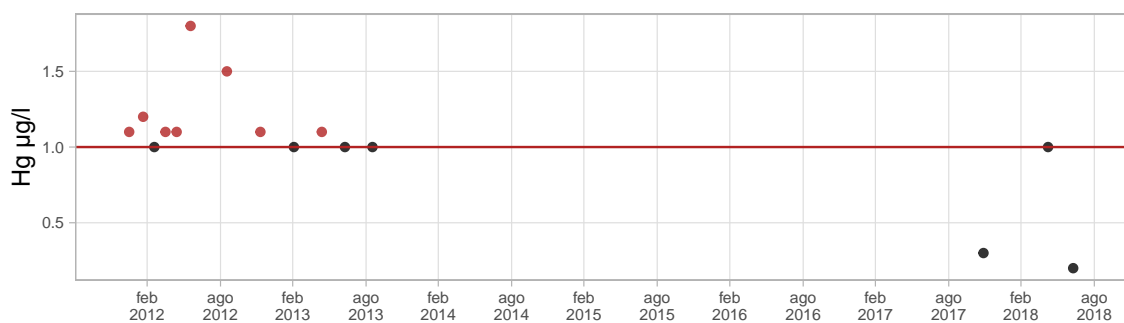
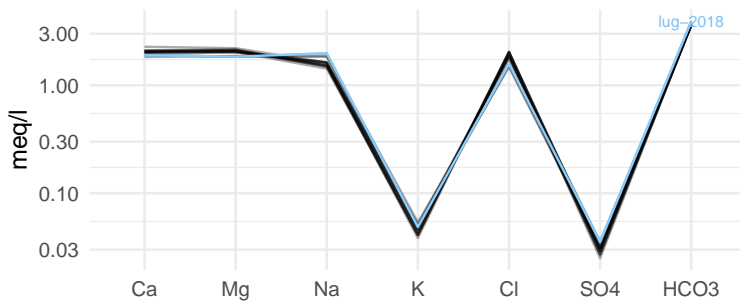
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
16/01/2012	14.6	7.8	5.1	105	490	42.4	26.6	26.8	1.6	63.4	1.8	221	<0.5	327	79	<40	<1	71	<5	1.3
20/02/2012	15.0	7.8	0.9	11	489	42.6	27.0	27.4	1.5	62.7	1.8	221	<0.5	304	27	<40	<1	75	<5	0.9
19/03/2012	15.8	7.7	2.0	51.4	490	42.7	26.6	25.8	1.5	60.5	1.9	238	<0.5	351	75	<40	<1	130	<5	1.0
16/04/2012	15.7	7.8	1.5	30	485	42.6	26.7	26.5	1.1	59.8	1.8	226	<0.5	349	66	<40	<1	80	<5	0.8
14/05/2012	16.3	7.7	1.2	47	478	42.7	27.0	26.6	1.6	60.5	1.8	227	<0.5	371	62	<40	<1	84	<5	0.8
18/06/2012	17.2	7.8	1.9	57	478	41.0	25.5	25.3	1.6	59.5	1.8	226	<0.5	367	52	<40	<1	43	<5	0.8
17/09/2012	17.2	7.8	1.4	97	474	42.2	25.9	26.2	1.7	57.1	1.8	224	<0.5	346	54	<40	<1	43	<5	0.5
10/12/2012	14.9	7.7	1.6	139	477	41.7	26.0	27.5	1.8	56.5	1.8	228	<0.5	376	51	<40	<1	50	<5	0.3
04/03/2013	15.5	7.8	2.5	59	470	40.8	25.4	27.9	1.8	55.0	1.8	223	<0.5	360	26	<40	<1.0	48	<5	0.4
13/05/2013	16.0	7.7	1.3	2	465	41.0	25.8	28.1	1.8	55.8	1.8	228	<0.5	348	43	<20	<1.0	40	<5	0.3
10/07/2013	20.7	7.7	2.2	80	463	40.9	25.5	28.0	1.8	54.0	1.7	229	<0.5	347	46	<40	<1.0	41	<5	0.3
16/09/2013	16.3	7.7	1.4	47	468	41.1	25.7	28.3	1.8	53.9	1.7	226	<0.5	380	55	<40	<1.0	40	<5	0.3
27/02/2018	14.5	7.8	5.7	230	448	38.5	23.5	32.0	1.8	42.6	1.9	233	<0.5	280	<50	<40	<1.0	20	<5	0.042
08/05/2018	17.4	7.9	5.3	210	449	37.9	24.0	30.5	1.8	42.5	1.9	237	<0.5	340	<50	<40	<1.0	23	<5	0.036
09/07/2018	16.8	7.9	4.7	123	447	39.7	23.9	31.5	1.9	43.3	2.0	237	<0.5	280	<50	<40	<1.0	18	<5	0.034

## 5.8 POZZO 6036 PREGANZIOL, VIA SCHIAVONIA NUOVA



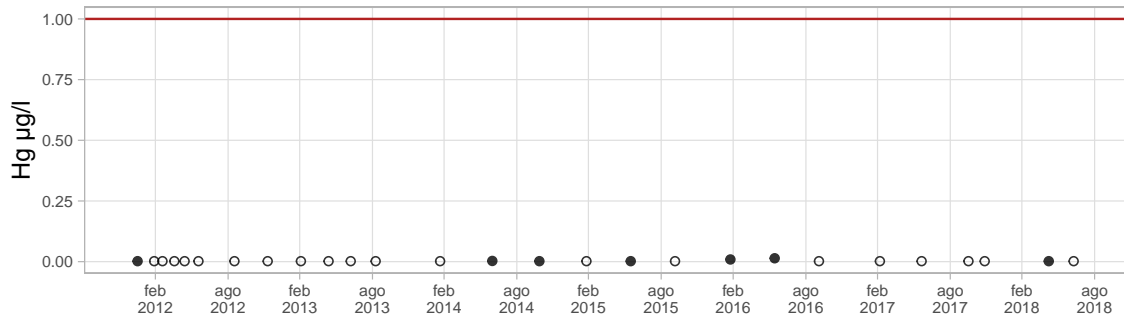
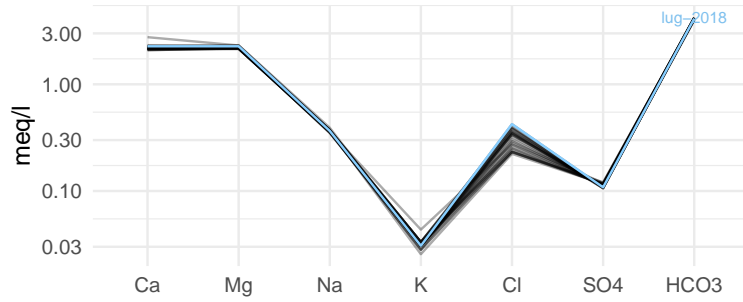
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
19/03/2012	16.2	8.1	1.7	52.3	346	34.0	20.8	14.9	1.6	11.6	5.3	223	<0.5	61	<20	290	<1	13	19	<0.002
16/04/2012	16.4	8.1	3.3	27	343	34.1	20.9	13.2	1.4	11.9	5.1	220	<0.5	59	<20	287	<1	12	20	<0.002
14/05/2012	16.6	8.1	2.4	48	337	34.4	21.1	14.3	1.5	11.9	5.1	222	<0.5	71	<20	296	<1	11	20	<0.002
18/06/2012	17.0	8.1	2.9	-11	341	33.2	20.1	12.8	1.5	12.5	5.2	217	<0.5	76	<20	290	<1	<10	16	<0.002
17/09/2012	16.9	8.1	2.6	7	344	35.1	21.2	13.9	1.7	13.4	5.2	220	<0.5	76	<20	273	<1	10	20	<0.002
10/12/2012	15.6	8.1	2.3	22	347	34.8	21.1	14.5	1.7	12.9	5.2	220	<0.5	85	<20	250	<1	10	19	<0.002
04/03/2013	16.2	8.0	1.0	20	343	34.4	20.8	14.4	1.7	13.0	5.1	217	<0.5	87	<20	380	<1.0	20	16	<0.002
13/05/2013	16.5	8.0	1.6	11	340	34.9	21.4	14.4	1.7	14.0	5.1	219	<0.5	87	<20	360	<1.0	10	17	0.005
10/07/2013	16.7	8.0	2.1	30	343	35.1	21.3	14.3	1.7	14.2	5.0	219	<0.5	93	<20	300	<1.0	10	17	<0.002
09/09/2013	17.0	8.0	2.8	-113	334	35.5	21.6	14.4	1.7	14.6	5.0	216	<0.5	97	<20	213	<1.0	10	18	<0.002
19/02/2014	16.2	8.0	1.4	27	345	35.3	21.4	14.4	1.7	14.5	4.8	221	<0.5	93	<20	325	<1.0	11	21	<0.002
01/07/2014	17.2	8.0	2.4	-124	356	35.8	21.8	14.6	1.7	15.8	4.7	216	<0.5	96	<20	305	<1.0	10	20	<0.002
28/10/2014	16.2	8.0	4.1	-19	354	36.1	22.0	14.1	1.7	17.2	5.0	214	<0.5	120	<50	<40	<1.0	<10	15	0.002
24/02/2015	16.0	8.1	5.5	-147	357	36.6	22.1	14.3	1.8	17.7	4.9	214	<0.5	94	<20	240	<1.0	13	16	0.002
16/06/2015	16.7	8.1	1.9	-136	356	36.0	22.0	14.7	1.8	17.4	4.7	220	<0.5	110	<50	250	<1.0	<10	14	0.012
06/10/2015	16.5	8.1	1.9	-48	351	36.1	21.9	13.8	1.6	17.5	4.7	220	<0.5	110	<50	263	<1.0	<10	18	<0.002
23/02/2016	16.1	8.0	2.0	-133	358	38.6	23.0	15.0	1.8	18.2	4.8	216	<0.5	130	<50	260	<1.0	24	16	0.005
14/06/2016	16.5	8.0	2.6	NA	365	37.6	22.6	14.8	1.9	18.6	4.7	218	<0.5	120	<50	280	<1.0	<10	14	0.046
04/10/2016	16.4	8.0	2.4	35	356	36.6	21.9	14.4	1.8	18.2	4.6	219	<0.5	130	<50	280	<1.0	<10	18	0.004
07/03/2017	16.0	8.0	2.1	-134	346	37.5	22.0	14.5	1.8	18.5	4.5	211	<0.5	120	<50	270	<1.0	23	19	<0.002
20/06/2017	17.0	8.1	2.4	102	361	36.0	21.8	14.5	1.7	18.6	4.5	214	<0.5	<100	<50	290	<1.0	<10	17	0.006
17/10/2017	16.6	8.1	2.1	-43	366	35.5	21.8	14.7	1.8	18.9	4.5	213	<0.5	<100	<50	291	<1.0	<10	15	0.012
27/11/2017	15.7	8.1	2.1	-53	359	37.6	21.8	14.6	1.9	19.8	4.5	214	<0.5	120	<50	284	<1.0	12	17	<0.002
08/05/2018	17.6	8.0	2.6	52	362	36.0	22.4	14.6	1.8	20.5	4.4	216	<0.5	130	<50	260	<1.0	<10	17	<0.002
10/07/2018	17.4	8.1	2.1	-121	363	38.0	22.4	14.7	1.8	21.0	4.6	214	<0.5	120	<50	290	<1.0	15	18	<0.002

## 5.9 POZZO 6132 PREGANZIOL, VIA FRANCHETTI



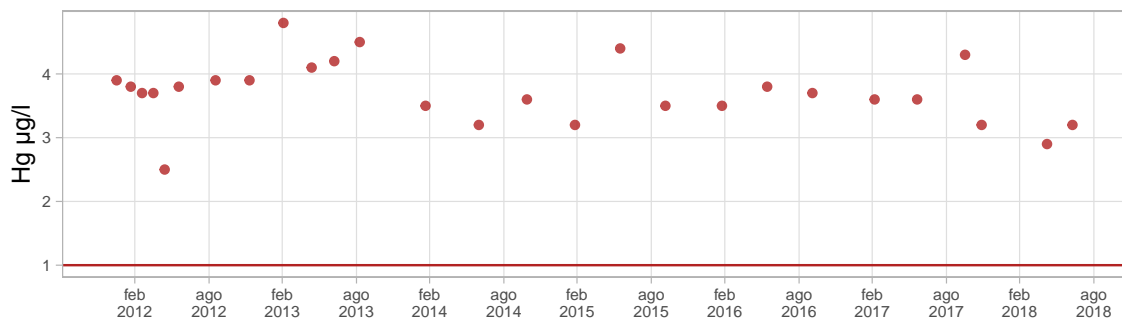
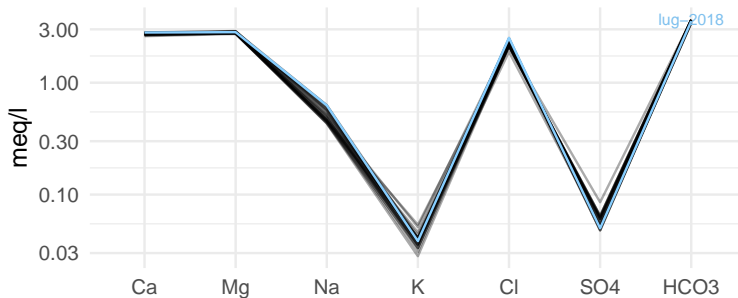
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
16/01/2012	14.7	7.8	1.9	-26	512	40.9	25.2	35.1	1.6	71.9	1.4	219	<0.5	373	242	<40	<1	275	<5	1.1
20/02/2012	14.1	7.8	1.9	-46	512	42.1	26.2	34.6	1.6	72.8	1.5	218	<0.5	355	212	<40	<1	323	<5	1.2
19/03/2012	15.5	7.8	2.4	-15.5	515	41.7	25.6	36.0	1.7	72.0	1.5	222	<0.5	408	241	<40	<1	255	<5	1.0
16/04/2012	15.3	7.8	2.5	-31	513	41.7	25.7	35.0	1.5	72.0	1.4	223	<0.5	405	232	<40	<1	290	<5	1.1
14/05/2012	15.8	7.8	2.0	-33	506	41.0	25.9	34.3	1.6	71.5	1.5	225	<0.5	435	238	<40	<1	305	<5	1.1
18/06/2012	16.7	7.8	1.9	-97	505	40.2	24.7	32.8	1.6	70.0	1.3	219	<0.5	435	227	<40	<1	409	<5	1.8
17/09/2012	16.6	7.8	2.2	-68	506	41.9	25.2	34.3	1.7	68.8	1.2	223	<0.5	415	221	<40	<1	648	<5	1.5
10/12/2012	14.3	7.8	2.1	-36	511	41.1	25.1	36.5	1.8	65.5	1.4	223	<0.5	448	416	<40	<1	474	<5	1.1
04/03/2013	15.0	7.8	1.6	-86	494	40.2	24.5	37.5	1.8	65.8	1.4	219	<0.5	438	206	<40	<1.0	538	<5	1.0
13/05/2013	15.7	7.8	2.3	-104	497	40.5	24.9	37.5	1.9	67.0	1.3	223	<0.5	422	222	<20	<1.0	498	<5	1.1
10/07/2013	16.1	7.8	1.6	-118	495	40.4	24.6	37.4	1.8	64.9	1.3	219	<0.5	421	208	<40	<1.0	583	<5	1.0
17/09/2013	15.8	7.8	1.6	114	501	45.6	26.8	37.4	2.0	62.6	1.7	227	<0.1	461	231	<40	1.0	459	<5	1.0
27/11/2017	14.6	7.8	2.4	-21	487	38.4	22.4	42.3	2.1	52.2	1.5	229	<0.5	340	90	<40	<1.0	195	<5	0.3
08/05/2018	16.1	7.8	2.2	-36	484	36.6	22.7	42.8	1.9	54.1	1.5	239	<0.5	410	90	<40	<1.0	205	<5	1.0
10/07/2018	16.7	7.8	2.0	-97	485	38.0	22.4	45.4	1.9	56.0	1.7	237	<0.5	330	80	40	<1.0	248	<5	0.2

## 5.10 POZZO 6200 PREGANZIOL, VIA MUNARA



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
16/01/2012	15.0	7.7	4.8	175	378	43.2	26.1	8.3	1.1	8.2	5.6	252	3.8	<20	<20	<40	<1	<10	<5	0.002
27/02/2012	14.6	7.7	5.8	213	379	41.9	26.3	8.3	1.3	8.2	5.8	255	4.0	23	<20	<40	<1	<10	<5	<0.002
19/03/2012	15.3	7.7	4.5	240	383	43.6	26.2	8.4	1.1	8.3	5.7	256	4.0	21	<20	<40	<1	<10	<5	<0.002
18/04/2012	15.7	7.7	4.4	179	381	43.4	26.6	8.4	1.0	7.9	5.6	255	3.8	20	<20	<40	<1	<10	<5	<0.002
14/05/2012	15.7	7.7	5.1	194	378	41.8	26.4	8.5	1.2	8.3	5.6	259	3.8	32	<20	<40	<1	<10	<5	<0.002
18/06/2012	16.3	7.8	5.5	NA	382	43.0	26.5	8.2	1.3	8.6	5.5	257	3.8	34	<20	<40	<1	<10	<5	<0.002
17/09/2012	15.4	7.7	5.1	198	382	43.2	26.3	8.3	1.2	9.1	5.5	253	3.8	32	<20	40	<1	<10	<5	<0.002
10/12/2012	14.8	7.7	6.0	175	389	42.7	26.4	8.3	1.7	9.7	5.5	253	3.8	37	<20	<40	<1	<10	<5	<0.002
04/03/2013	15.1	7.7	6.6	143	379	42.2	26.0	8.2	1.2	8.9	5.5	246	3.7	55	<20	<40	<1.0	<10	<5	<0.002
13/05/2013	15.6	7.7	5.2	152	379	42.4	26.4	8.1	1.2	9.6	5.6	255	3.7	53	<20	<20	<1.0	<10	<5	<0.002
08/07/2013	16.0	7.7	4.3	207	381	42.8	26.4	8.1	1.2	10.1	5.7	251	3.8	62	<20	<40	<1.0	<10	<5	<0.002
09/09/2013	15.8	7.7	5.3	-54	369	43.1	26.8	8.3	1.2	10.4	5.4	254	3.7	58	<20	<40	<1.0	<10	<5	<0.002
19/02/2014	15.2	7.7	4.5	170	386	43.4	26.9	8.3	1.2	10.8	5.5	255	3.6	59	<20	<40	<1.0	<10	<5	<0.002
01/07/2014	16.0	7.7	4.2	158	393	43.6	27.0	8.4	1.2	11.4	5.3	250	3.6	59	<20	<40	<1.0	<10	<5	0.003
28/10/2014	15.3	7.7	6.3	276	388	43.5	27.0	8.0	1.2	12.0	5.4	251	3.6	<100	<50	<40	<1.0	<10	<5	0.002
24/02/2015	15.2	7.7	5.6	238	389	43.5	26.9	8.4	1.2	11.9	5.3	250	3.6	54	<20	<40	<1.0	<10	<5	<0.002
16/06/2015	15.8	7.7	4.1	217	390	44.6	27.4	8.6	1.3	12.1	5.3	253	3.8	<100	<50	<40	<1.0	<10	<5	0.002
06/10/2015	15.5	7.8	4.1	237	386	42.8	26.6	8.2	1.1	12.4	5.2	252	3.7	<100	<50	<40	<1.0	<10	<5	<0.002
23/02/2016	15.1	7.7	4.5	147	390	46.6	28.2	9.0	1.2	12.3	5.1	253	4.8	100	<50	<40	<1.0	<10	<5	0.009
14/06/2016	15.8	7.7	NA	85	402	45.5	28.0	8.6	1.3	12.7	5.3	245	3.8	<100	<50	<40	<1.0	<10	<5	0.014
04/10/2016	15.7	7.7	4.7	208	397	45.2	27.3	8.3	1.3	13.6	5.2	247	3.7	<100	<50	<40	<1.0	<10	<5	<0.002
07/03/2017	15.6	7.7	4.3	154	382	45.7	27.4	8.5	1.2	12.9	5.2	248	3.7	<100	<50	<40	<1.0	12	<5	<0.002
20/06/2017	16.9	7.7	4.5	316	398	44.3	27.1	8.5	1.2	12.8	5.1	252	3.7	<100	<50	<40	<1.0	<10	<5	<0.002
17/10/2017	15.9	7.7	4.5	205	409	44.7	27.4	8.6	1.2	13.6	5.2	242	3.8	100	<50	<40	<1.0	<10	<5	<0.002
27/11/2017	15.1	7.8	4.0	183	398	45.9	27.3	8.6	1.3	13.9	5.1	250	3.8	<100	<50	<40	<1.0	<10	<5	<0.002
08/05/2018	16.2	7.7	4.9	233	399	55.4	28.1	8.6	1.3	14.2	5.1	252	4.8	<100	<50	<40	<1.0	<10	<5	0.002
10/07/2018	16.2	7.7	4.6	198	400	45.5	27.6	8.4	1.2	15.0	5.2	252	3.8	<100	<50	77	<1.0	<10	<5	<0.002

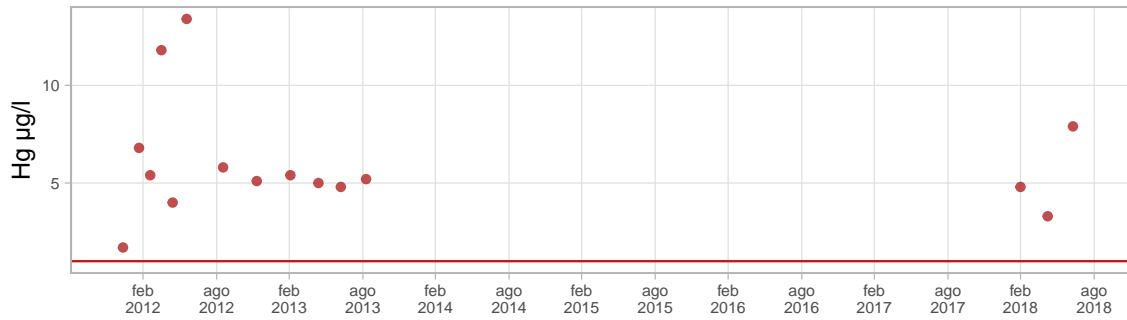
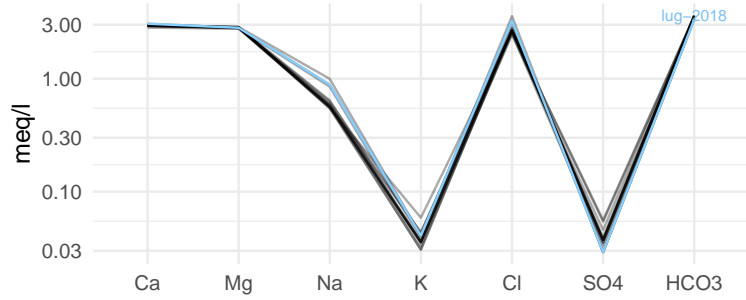
## 5.11 POZZO 6257 PREGANZIOL, VIA BARATTA VECCHIA



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
16/01/2012	14.5	7.7	2.3	48	524	52.9	33.6	10.0	1.2	76.3	3.0	222	<0.5	387	126	<40	<1	138	<5	3.9
20/02/2012	13.5	7.7	3.2	110	527	55.7	33.2	10.0	1.3	76.4	3.0	222	<0.5	421	139	<40	<1	151	<5	3.8
19/03/2012	14.3	7.7	1.7	21	529	54.0	33.4	9.9	1.1	75.5	3.1	221	<0.5	423	139	<40	<1	152	<5	3.7
16/04/2012	15.4	7.7	3.9	24	528	53.8	33.6	10.2	1.4	73.5	3.1	225	<0.5	425	134	<40	<1	152	<5	3.7
14/05/2012	15.4	7.7	2.9	-15	524	55.1	33.8	10.2	1.3	76.0	3.1	221	<0.5	458	145	<40	<1	260	<5	2.5
18/06/2012	16.7	7.8	2.2	NA	526	52.2	33.1	10.5	1.5	77.5	2.9	223	<0.5	465	164	<40	<1	672	<5	3.8
17/09/2012	15.7	7.7	2.6	-57	530	54.4	33.7	10.4	1.6	75.2	3.0	222	<0.5	453	174	48	<1	284	<5	3.9
10/12/2012	14.3	7.7	3.4	-83	538	53.9	34.0	10.6	1.8	77.5	2.9	220	<0.5	478	179	<40	<1	311	<5	3.9
04/03/2013	13.7	7.7	3.0	-72	533	53.2	33.5	10.7	1.6	74.7	2.9	218	<0.5	494	182	<40	<1.0	394	<5	4.8
13/05/2013	15.3	7.7	2.5	-81	525	54.9	34.1	10.6	1.6	80.5	2.9	223	<0.5	482	178	30	<1.0	506	<5	4.1
08/07/2013	16.5	7.7	2.4	-78	527	53.6	33.8	10.5	1.4	80.5	2.8	221	<0.5	497	177	<40	<1.0	1220	5	4.2
09/09/2013	16.0	7.7	2.4	-165	519	54.3	34.7	10.8	2.1	75.3	4.1	222	0.7	497	164	<40	<1.0	647	<5	4.5
19/02/2014	15.1	7.6	2.8	-105	536	54.4	34.3	11.2	1.4	76.0	2.7	223	<0.5	501	173	<40	<1.0	449	<5	3.5
01/07/2014	16.1	7.7	3.3	-113	545	54.4	34.2	11.4	1.7	79.0	2.6	216	<0.5	470	164	<40	<1.0	533	<5	3.2
28/10/2014	14.9	7.7	2.3	-55	540	54.3	34.4	11.1	1.4	81.0	2.5	216	<0.5	510	140	<40	<1.0	559	<5	3.6
24/02/2015	14.6	7.8	13.0	-113	543	54.9	34.4	11.8	1.6	80.2	2.6	215	<0.5	474	158	40	<1.0	360	<5	3.2
16/06/2015	16.0	7.8	2.4	-128	545	54.8	34.8	12.1	2.0	83.4	2.4	220	<0.5	520	140	<40	<1.0	622	<5	4.4
06/10/2015	15.8	7.7	2.0	-148	544	53.6	33.4	11.9	1.3	79.6	2.3	217	<0.5	540	160	<40	<1.0	660	<5	3.5
23/02/2016	14.7	7.6	2.6	-132	538	56.4	35.2	13.1	1.5	66.8	2.5	211	<0.5	560	130	<40	<1.0	346	<5	3.5
14/06/2016	16.0	7.7	2.0	83	557	56.1	35.1	12.8	1.4	85.2	2.5	215	<0.5	500	160	<40	<1.0	343	<5	3.8
04/10/2016	15.3	7.7	2.7	-12.7	553	55.6	34.6	12.8	1.5	86.1	2.3	210	<0.5	550	170	<40	<1.0	505	<5	3.7
07/03/2017	14.8	7.7	2.2	-89	536	56.3	34.5	13.2	1.5	85.4	2.4	207	<0.5	550	180	<40	<1.0	266	<5	3.6
20/06/2017	16.3	7.7	2.3	-54	556	55.1	34.2	13.7	1.5	87.0	2.4	210	<0.5	530	140	<40	<1.0	310	<5	3.6
17/10/2017	15.9	7.7	2.7	-83	567	55.5	34.5	13.8	1.5	87.4	2.3	221	<0.5	580	170	<40	<1.0	345	<5	4.3
27/11/2017	14.1	7.8	2.8	-52	558	56.6	34.1	14.0	1.6	83.4	2.4	208	<0.5	540	160	<40	<1.0	272	7	3.2
08/05/2018	16.1	7.7	2.4	-48	558	54.7	34.9	14.5	1.6	86.7	2.4	215	<0.5	710	170	<40	<1.0	202	<5	2.9
10/07/2018	16.7	7.7	2.5	-82	560	56.3	34.4	14.4	1.5	89.1	2.4	216	<0.5	620	180	<40	<1.0	324	<5	3.2

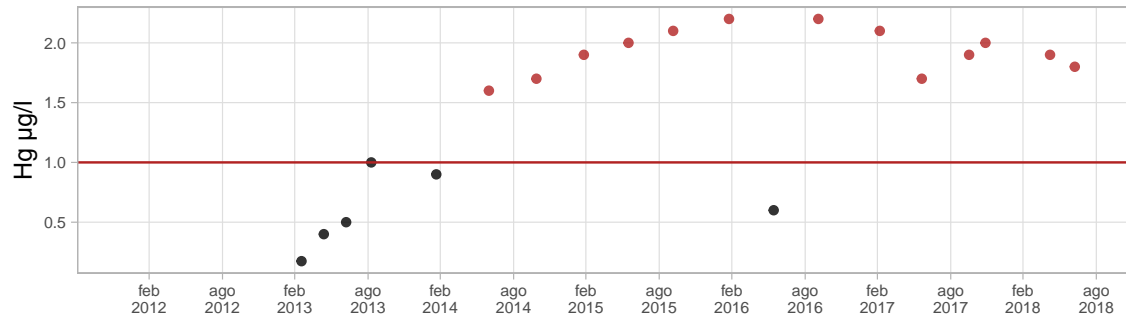
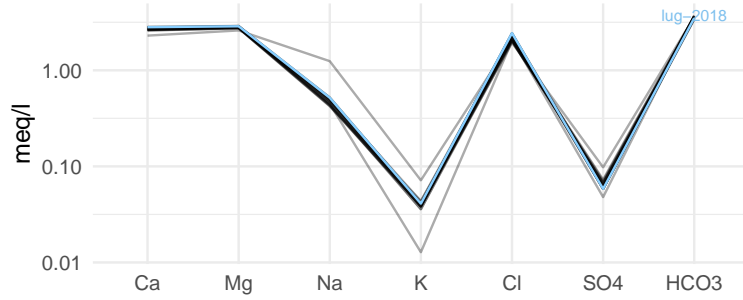


## 5.12 POZZO 6297 PREGANZIOL, VIA DEI MUNARI



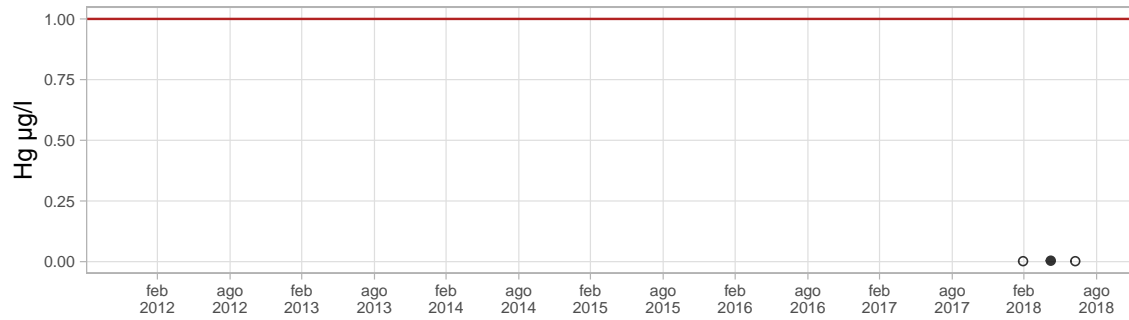
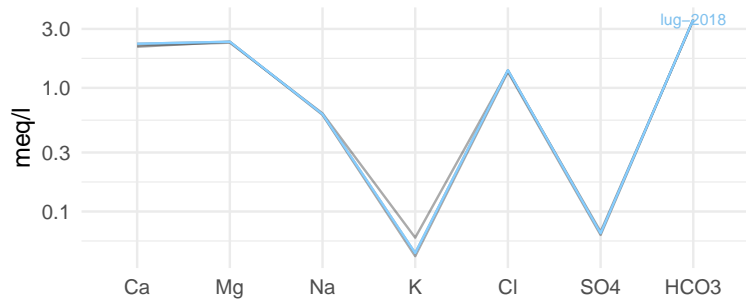
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
11/01/2012	13.8	7.7	2.9	-117.9	573	59.0	34.4	12.5	1.2	93.6	1.7	214	<0.5	499	236	<40	<1	1570	5	1.7
20/02/2012	12.5	7.8	3.5	-112	576	59.3	34.6	12.7	2.3	93.5	1.7	218	<0.5	513	255	<40	<1	1390	5	6.8
19/03/2012	14.3	7.7	3.2	-110	579	60.2	34.8	12.8	1.4	96.0	1.8	219	<0.5	530	259	<40	<1	1970	5	5.4
16/04/2012	14.4	7.8	4.9	-121	577	59.1	34.6	12.8	1.4	87.3	2.2	222	<0.5	484	217	<40	<1	1830	6	11.8
14/05/2012	14.8	7.7	4.2	-130	572	59.1	34.9	13.2	1.4	95.5	1.8	220	<0.5	566	243	<40	<1	1820	5	4.0
18/06/2012	15.4	7.8	2.6	NA	569	56.7	33.6	12.9	1.2	96.0	1.8	222	<0.5	569	258	<40	<1	1570	5	13.4
17/09/2012	15.9	7.8	4.4	-112	577	59.6	34.3	13.2	1.7	92.0	2.7	219	<0.5	547	255	49	<1	1290	5	5.8
10/12/2012	13.7	7.7	5.6	-86	583	58.6	34.3	13.2	1.4	95.5	1.9	216	<0.5	592	266	<40	<1	907	<5	5.1
04/03/2013	14.2	7.7	4.2	-132	576	58.3	33.9	13.6	1.3	88.6	1.6	212	<0.5	610	264	<40	<1.0	1190	<5	5.4
13/05/2013	15.0	7.7	2.6	-139	578	59.4	34.4	14.8	1.4	100.0	1.8	216	<0.5	597	275	20	<1.0	1030	<5	5.0
08/07/2013	15.5	7.7	3.0	-102	572	58.9	34.2	13.8	1.4	100.5	1.8	216	<0.5	615	274	<40	<1.0	867	<5	4.8
09/09/2013	16.2	7.8	4.6	-128	566	59.5	34.7	14.4	1.7	92.3	2.6	216	<0.5	622	259	<40	<1.0	914	<5	5.2
01/03/2018	9.3	7.7	10.3	NA	616	59.4	34.0	19.5	1.5	126.9	1.4	206	<0.5	740	310	<40	<1.0	541	<5	4.8
08/05/2018	16.3	7.7	2.4	-65	617	59.6	34.8	22.9	1.6	113.2	1.4	206	<0.5	810	320	<40	<1.0	513	<5	3.3
10/07/2018	17.6	7.7	2.8	-130	617	61.4	34.3	20.3	1.6	115.2	1.4	204	<0.5	760	330	<40	<1.0	608	<5	7.9

## 5.13 POZZO 6598 PREGANZIOL, VIA MARCONI



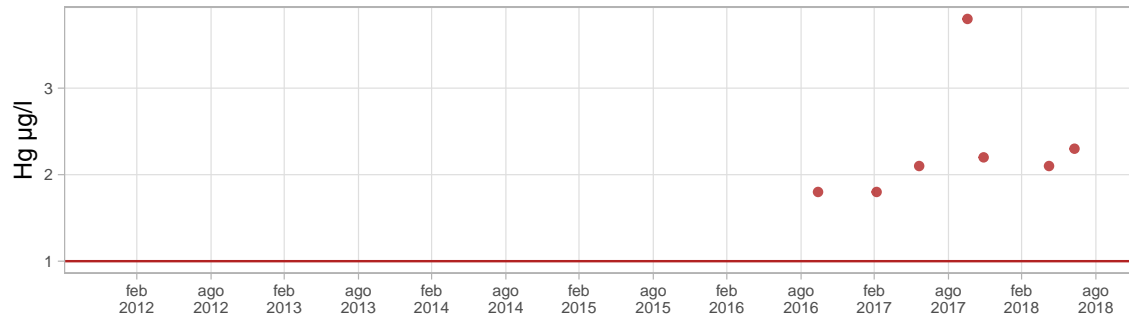
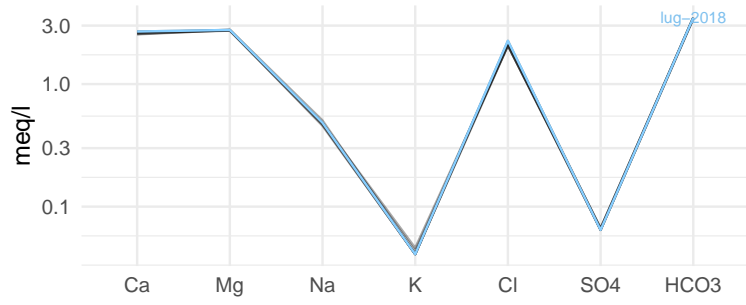
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
18/03/2013	NA	7.6	NA	NA	524	46.0	31.6	28.6	2.8	74.0	2.3	228	<0.5	453	55	<40	<1.0	18	<5	0.174
13/05/2013	15.8	7.7	1.5	95	511	51.9	33.3	9.8	1.7	73.0	3.4	222	<0.5	444	80	70	<1.0	<10	<5	0.4
08/07/2013	16.9	7.7	1.7	232	510	52.3	33.2	9.7	1.5	72.5	3.5	223	<0.5	455	87	<40	<1.0	<10	<5	0.5
09/09/2013	16.4	7.8	1.5	96	500	52.9	33.6	9.9	1.5	68.6	4.7	220	<0.5	463	91	<40	<1.0	10	<5	1.0
19/02/2014	15.7	7.6	0.9	71	519	53.1	33.7	10.1	1.4	70.7	3.3	222	<0.5	459	138	<40	<1.0	<10	<5	0.9
01/07/2014	16.5	7.7	1.4	80	529	53.6	34.0	10.3	0.5	71.3	3.2	222	<0.5	435	128	<40	<1.0	<10	<5	1.6
28/10/2014	15.9	7.7	2.5	113	523	53.2	33.9	10.0	1.5	74.5	3.2	217	<0.5	480	130	<40	<1.0	21	<5	1.7
24/02/2015	15.7	7.6	4.2	80	524	53.4	33.9	10.5	1.5	72.4	3.2	213	<0.5	435	146	<40	<1.0	16	<5	1.9
16/06/2015	16.8	7.7	1.3	30	525	53.6	34.3	10.9	1.6	85.2	3.1	223	<0.5	480	130	<40	<1.0	26	<5	2.0
06/10/2015	16.1	7.7	1.8	115	526	52.7	33.3	10.5	1.4	75.0	3.0	220	<0.5	490	190	<40	<1.0	20	<5	2.1
23/02/2016	15.9	7.7	2.2	38	528	56.7	35.2	11.4	1.6	77.2	3.0	216	<0.5	530	180	<40	<1.0	18	<5	2.2
14/06/2016	16.3	7.7	1.6	141	543	55.6	35.1	11.0	1.5	80.4	3.0	223	<0.5	490	210	<40	<1.0	17	<5	0.6
04/10/2016	16.0	7.7	1.3	48	538	56.4	34.0	11.0	1.6	80.3	2.9	213	<0.5	520	200	<40	<1.0	31	<5	2.2
07/03/2017	15.9	7.6	1.5	-10	524	55.7	34.5	11.4	1.7	83.4	2.9	210	<0.5	550	210	<40	<1.0	28	<5	2.1
20/06/2017	16.8	7.7	1.4	141	543	54.4	34.2	11.4	1.5	77.7	2.8	206	<0.5	490	180	<40	<1.0	33	<5	1.7
17/10/2017	10.3	7.7	1.2	75	551	53.5	34.5	11.6	1.5	82.6	2.8	218	<0.5	520	180	<40	<1.0	38	<5	1.9
27/11/2017	15.8	7.7	1.5	7	541	56.2	34.3	11.7	1.6	80.8	2.8	209	<0.5	510	170	<40	<1.0	48	<5	2.0
08/05/2018	16.6	7.7	1.6	71	547	54.1	34.9	12.0	1.6	86.4	2.8	216	<0.5	670	200	<40	<1.0	40	<5	1.9
09/07/2018	17.0	7.7	1.6	35	544	56.3	34.9	11.9	1.6	86.4	2.8	213	<0.5	530	190	<40	<1.0	59	21	1.8

## 5.14 POZZO 6606 PREGANZIOL, VIA CADUTI NEI LAGER



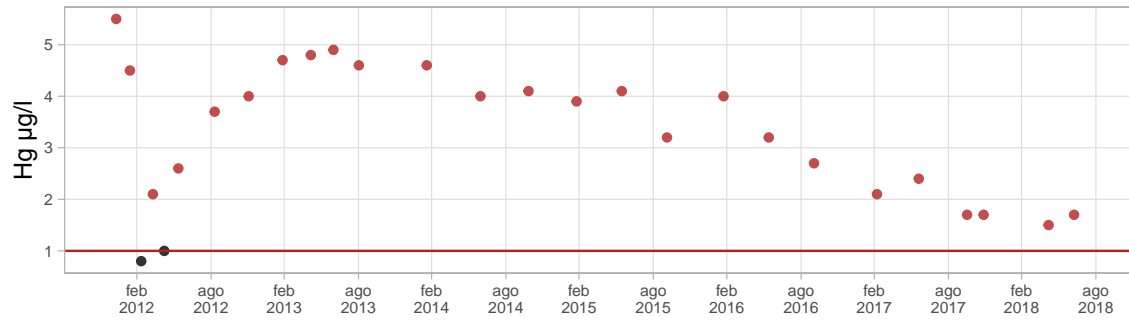
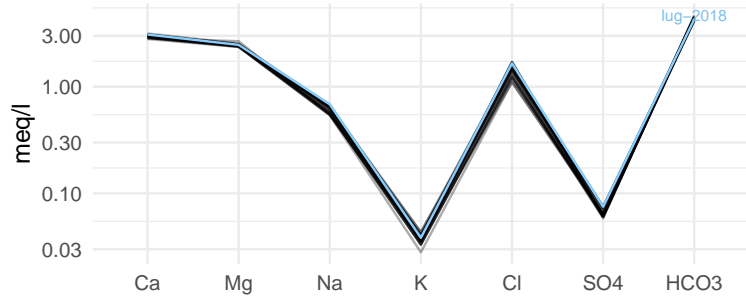
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
27/02/2018	15.5	7.7	5.5	202	444	44.1	28.2	14.3	2.4	48.8	3.3	215	<0.5	300	<50	<40	<1.0	<10	<5	<0.002
08/05/2018	17.0	7.8	4.3	223	446	43.1	28.7	13.9	1.7	47.7	3.1	219	<0.5	350	<50	<40	<1.0	<10	<5	0.004
09/07/2018	17.5	7.8	4.5	172	443	45.6	28.7	14.1	1.8	49.3	3.2	218	<0.5	310	<50	<40	<1.0	10	<5	<0.002

## 5.15 POZZO 6642 PREGANZIOL, VIA SCHIAVONIA NUOVA



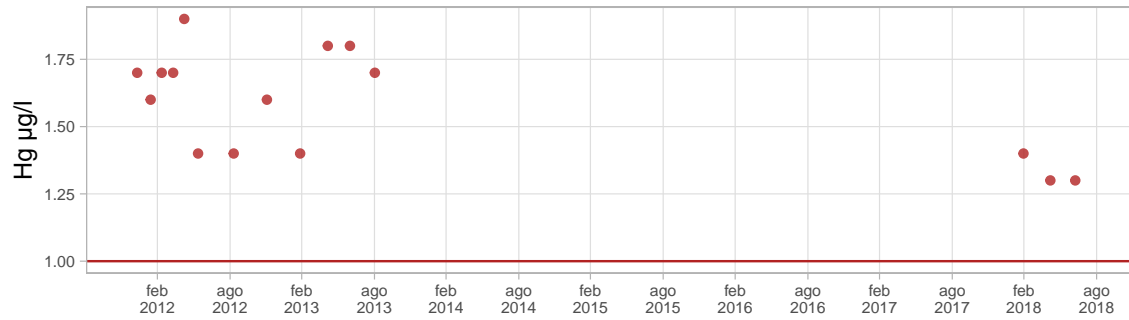
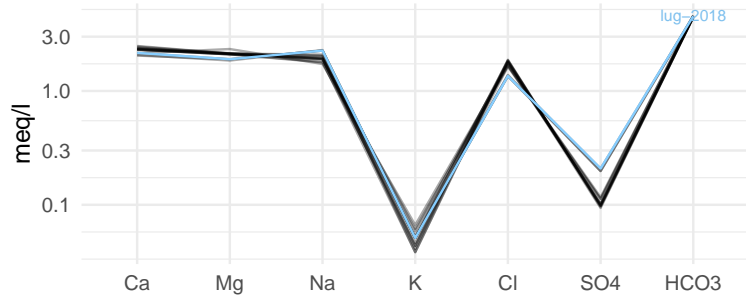
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
13/10/2016	15.8	7.7	1.2	-22	511	52.4	33.3	10.5	1.6	72.8	3.2	214	<0.5	490	120	<40	<1.0	69	<5	1.8
07/03/2017	15.9	7.7	1.9	48	500	53.2	33.5	10.7	1.6	77.5	3.2	211	<0.5	480	130	<40	<1.0	26	<5	1.8
20/06/2017	16.9	7.7	1.6	63	518	51.8	33.2	10.8	1.6	78.0	3.1	209	<0.5	450	100	<40	<1.0	43	<5	2.1
18/10/2017	15.8	7.7	1.4	-25	528	51.0	33.5	11.0	1.7	73.4	3.2	212	<0.5	490	90	<40	<1.0	90	<5	3.8
27/11/2017	15.0	7.8	3.2	38	519	53.6	33.2	11.1	1.8	73.3	3.1	207	<0.5	460	120	<40	<1.0	40	<5	2.2
08/05/2018	17.1	7.7	2.2	83	521	51.3	33.8	11.6	1.6	74.2	3.1	212	<0.5	600	140	<40	<1.0	39	<5	2.1
10/07/2018	17.1	7.7	1.5	-35	521	53.8	33.6	11.1	1.6	79.9	3.1	212	<0.5	500	140	55	<1.0	99	<5	2.3

## 5.16 POZZO 6027 QUINTO DI TREVISO, VIA BOIAGO



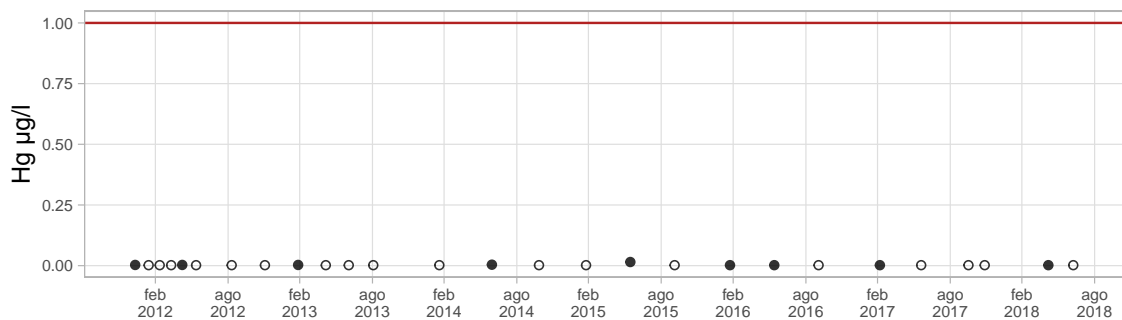
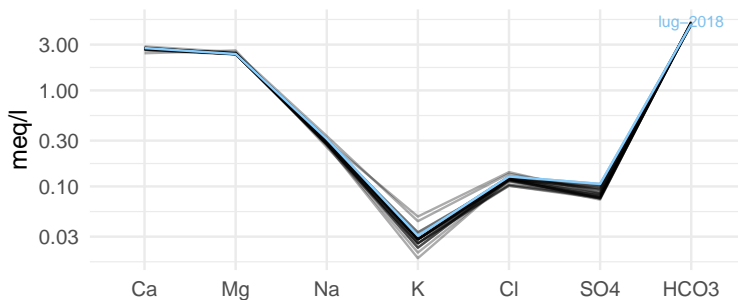
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
10/01/2012	14.0	7.6	3.5	92.0	503	59.2	29.1	12.8	1.3	44.5	2.8	277	<0.5	217	143	<40	<1	40	<5	5.5
13/02/2012	13.4	7.6	1.8	60.2	477	58.2	28.9	12.7	1.3	44.1	3.0	271	<0.5	232	143	<40	<1	43	<5	4.5
12/03/2012	14.1	7.7	3.0	80	502	57.5	28.6	12.5	1.4	42.2	3.1	274	<0.5	207	103	<40	<1	49	<5	0.8
10/04/2012	14.1	7.6	2.7	80	486	57.8	29.0	12.5	1.4	39.1	3.0	276	<0.5	199	73	<40	<1	71	<5	2.1
08/05/2012	15.0	7.6	3.6	40	484	56.1	28.7	12.4	1.1	39.0	3.1	271	<0.5	219	69	<40	<1	69	<5	1.0
12/06/2012	14.9	7.6	2.0	45	494	57.3	29.2	13.0	1.3	42.1	3.1	277	0.8	284	122	62	<1	51	<5	2.6
10/09/2012	14.7	7.6	1.4	30	504	61.3	29.2	12.9	1.3	44.0	2.9	273	<0.5	250	131	<40	<1	49	<5	3.7
03/12/2012	13.4	7.6	2.3	24	506	59.2	29.1	13.1	1.6	46.6	2.9	272	<0.5	284	139	<40	<1	50	<5	4.0
25/02/2013	13.6	7.6	3.0	93	506	56.8	32.5	12.6	1.5	47.2	2.9	265	<0.5	272	157	<40	<1.0	57	<5	4.7
06/05/2013	14.5	7.6	2.6	9	514	58.7	29.5	13.3	1.5	50.0	2.9	273	<0.5	294	179	<40	<1.0	58	<5	4.8
01/07/2013	14.7	7.6	1.2	3	501	59.4	29.5	13.4	1.4	51.0	2.9	275	<0.5	304	176	<40	<1.0	89	<5	4.9
02/09/2013	14.9	7.6	2.1	-3	518	59.8	29.8	13.8	1.6	53.7	2.9	285	<0.5	347	206	<40	<1.0	85	<5	4.6
17/02/2014	14.1	7.5	2.6	NA	525	60.6	30.2	14.3	1.7	56.3	3.0	266	<0.5	339	233	<40	<1.0	139	<5	4.6
30/06/2014	14.8	7.6	2.5	-28	538	60.7	30.1	14.1	1.4	58.0	2.9	264	<0.5	338	220	<40	<1.0	145	<5	4.0
27/10/2014	14.3	7.5	3.9	45	535	60.9	30.4	14.1	1.4	59.6	3.0	262	<0.5	380	180	<40	<1.0	117	<5	4.1
23/02/2015	13.9	7.6	3.6	-21	535	60.9	30.2	14.7	1.4	60.0	3.0	255	<0.5	325	202	<40	<1.0	100	<5	3.9
15/06/2015	14.9	7.6	1.3	-65	536	61.5	30.3	14.8	1.4	60.3	3.0	267	<0.5	360	190	<40	<1.0	153	<5	4.1
05/10/2015	14.4	7.6	2.0	-21	535	62.0	30.3	14.6	1.3	60.7	3.0	258	<0.5	370	210	<40	<1.0	220	<5	3.2
22/02/2016	13.9	7.5	2.9	-34	518	63.2	30.9	15.1	1.7	50.9	3.4	260	<0.5	350	180	<40	<1.0	215	<5	4.0
13/06/2016	15.0	7.6	2.6	-53	531	61.7	30.4	15.0	1.5	54.9	3.3	262	<0.5	360	160	62	<1.0	213	<5	3.2
03/10/2016	14.6	7.5	1.7	-35	533	60.1	29.9	14.8	1.6	58.2	3.3	260	<0.5	400	190	<40	<1.0	250	<5	2.7
08/03/2017	14.2	7.5	2.2	-33	504	60.2	29.6	14.7	1.4	52.6	3.5	252	<0.5	320	140	<40	<1.0	278	<5	2.1
19/06/2017	15.2	7.6	1.7	15	519	59.4	29.4	15.0	1.4	52.6	3.5	267	<0.5	280	120	<40	<1.0	221	<5	2.4
17/10/2017	14.4	7.6	1.3	-13	530	58.2	29.4	15.3	1.6	52.6	3.6	257	<0.5	340	120	<40	<1.0	210	<5	1.7
27/11/2017	14.0	7.6	1.4	-36	521	60.6	29.2	15.0	1.4	52.5	3.6	251	<0.5	300	110	<40	<1.0	258	<5	1.7
07/05/2018	15.0	7.6	1.4	-11	521	58.2	29.6	15.2	1.5	50.2	3.6	257	<0.5	400	120	<40	<1.0	189	<5	1.5
09/07/2018	15.0	7.6	1.7	-74	526	61.8	30.0	15.7	1.5	58.7	3.6	261	<0.5	430	120	43	<1.0	264	<5	1.7

## 5.17 POZZO 6187 QUINTO DI TREVISO, VIA SAN GIUSEPPE



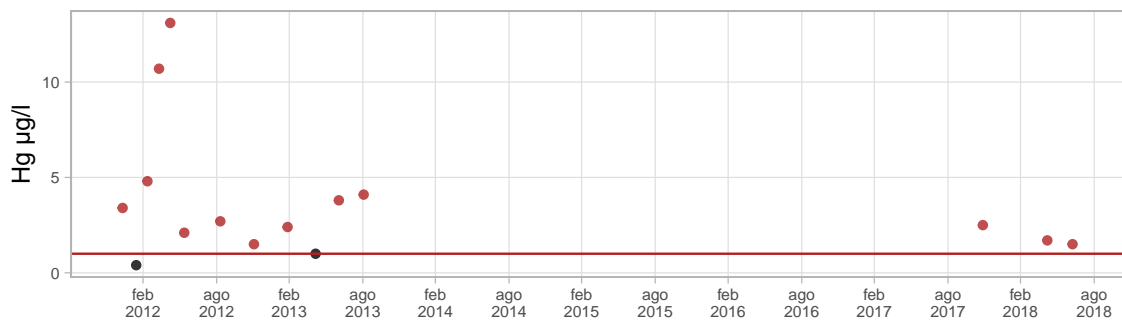
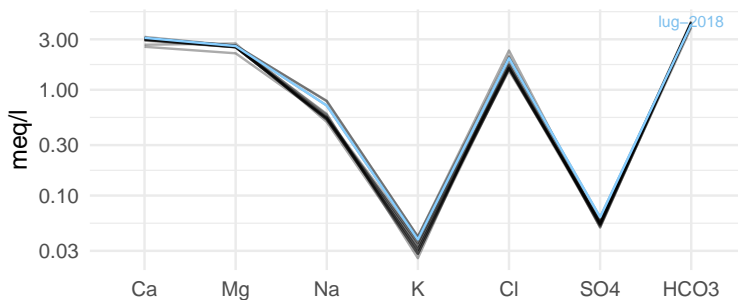
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
10/01/2012	13.9	7.6	1.0	-27.8	563	48.2	26.0	44.0	1.7	64.3	4.8	278	<0.5	312	42	<40	<1	54	<5	1.7
13/02/2012	13.5	7.7	1.4	-3.2	540	47.0	25.7	44.7	1.6	64.8	4.8	270	<0.5	308	41	<40	<1	172	<5	1.6
12/03/2012	14.4	7.7	2.4	-2	569	49.8	25.9	48.0	1.5	64.0	4.7	277	<0.5	327	44	<40	<1	271	<5	1.7
10/04/2012	13.6	7.7	2.7	-51	562	46.9	25.9	47.0	1.7	63.6	4.5	272	<0.5	334	42	<40	<1	380	<5	1.7
08/05/2012	14.5	7.7	3.4	69	560	47.1	26.1	44.0	2.0	65.5	4.7	273	<0.5	365	42	<40	<1	82	<5	1.9
12/06/2012	14.7	7.7	1.6	-10	565	46.0	25.5	41.5	1.5	66.7	4.7	275	<0.5	443	49	<40	<1	326	<5	1.4
10/09/2012	15.0	7.7	2.1	-54	565	49.2	25.9	46.4	2.0	66.0	4.6	270	<0.5	359	42	<40	<1	473	<5	1.4
03/12/2012	13.5	7.7	2.4	-61	563	47.4	25.7	43.8	2.3	62.4	4.9	275	<0.5	379	<20	<40	<1	395	<5	1.6
25/02/2013	13.1	7.7	2.5	24	554	43.0	28.4	39.7	2.6	60.0	4.9	272	<0.5	340	35	<40	<1.0	421	<5	1.4
06/05/2013	14.3	7.6	1.7	-56	554	46.2	25.7	43.6	2.1	59.8	5.4	275	<0.5	346	50	<40	<1.0	340	<5	1.8
01/07/2013	14.9	7.6	1.8	NA	538	46.3	25.5	41.0	1.8	58.0	5.4	282	<0.5	340	50	<40	<1.0	427	<5	1.8
02/09/2013	15.2	7.7	2.0	-94	549	46.3	25.5	45.0	2.4	58.8	5.6	278	<0.5	367	37	43	<1.0	486	<5	1.7
28/02/2018	12.3	7.7	3.6	-36	534	41.6	22.5	52.6	2.0	49.1	9.5	280	<0.5	290	50	<40	<1.0	<10	<5	1.4
07/05/2018	14.8	7.7	1.7	-53	531	41.0	23.1	52.0	2.0	47.8	9.5	275	<0.5	330	50	<40	<1.0	310	<5	1.3
09/07/2018	15.6	7.7	1.3	-76	526	43.3	23.1	52.0	2.0	48.0	10.0	277	<0.5	270	50	42	<1.0	320	<5	1.3

## 5.18 POZZO 6326 QUINTO DI TREVISO, VIA GIORGIONE



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
10/01/2012	11.9	7.6	7.2	186.9	437	55.3	29.4	6.4	1.0	4.0	3.5	320	3.9	<20	<20	<40	<1	<10	<5	0.003
13/02/2012	12.4	7.6	5.8	208	417	54.5	29.0	6.3	1.0	3.6	3.6	306	4.0	<20	<20	<40	<1	12	<5	<0.002
12/03/2012	9.6	7.6	6.8	262.5	441	54.4	29.0	6.2	0.8	4.1	3.6	311	4.0	<20	<20	<40	<1	<10	<5	<0.002
10/04/2012	13.2	7.6	5.7	216	433	54.8	29.5	6.4	0.9	4.2	3.6	304	4.1	<20	<20	<40	<1	<10	<5	<0.002
08/05/2012	14.9	7.6	5.6	202	429	53.7	29.4	6.2	0.7	4.2	3.7	313	4.1	<20	<20	<40	<1	<10	<5	0.003
12/06/2012	16.3	7.7	5.6	195	434	54.0	30.0	6.4	0.9	4.3	3.8	311	4.3	<20	<20	52	<1	<10	<5	<0.002
10/09/2012	16.1	7.6	5.9	259	440	53.0	29.2	6.7	1.1	4.2	3.6	310	4.0	<20	<20	<40	<1	<10	<5	<0.002
03/12/2012	13.5	7.6	6.1	274	436	55.0	29.3	6.4	1.1	4.1	3.7	311	4.0	<20	<20	<40	<1	<10	<5	<0.002
25/02/2013	9.2	7.6	6.5	248	433	48.8	31.7	5.9	1.0	3.7	3.7	303	4.0	20	<20	<40	<1.0	118	<5	0.003
06/05/2013	14.3	7.6	5.0	90	436	54.1	29.4	6.3	1.1	3.6	3.7	312	3.9	20	<20	<40	<1.0	<10	<5	<0.002
03/07/2013	16.4	7.6	4.5	265	422	54.2	29.2	6.4	1.0	3.7	3.9	311	4.0	21	<20	<40	<1.0	<10	<5	<0.002
03/09/2013	15.1	7.6	6.4	218	430	54.6	29.4	6.6	1.3	4.1	3.8	300	3.9	21	<20	<40	<1.0	<10	<5	<0.002
17/02/2014	13.3	7.7	7.3	NA	432	54.9	29.6	6.8	1.3	4.2	4.0	308	4.0	21	<20	43	<1.0	<10	<5	<0.002
30/06/2014	15.3	7.7	6.8	210	438	54.9	29.5	6.8	1.1	4.0	3.9	307	4.0	23	<20	<40	<1.0	<10	<5	0.004
27/10/2014	14.2	7.6	6.8	311	432	54.4	29.3	6.4	1.0	4.2	4.0	305	3.9	<100	<50	<40	<1.0	<10	<5	<0.002
23/02/2015	10.1	7.6	9.1	260	435	54.3	29.0	6.9	1.9	5.0	4.1	297	3.9	<20	<20	<40	<1.0	<10	<5	<0.002
15/06/2015	15.6	7.6	5.9	227	434	52.4	28.8	6.9	1.1	4.3	4.2	303	4.2	<100	<50	<40	<1.0	<10	<5	0.015
05/10/2015	16.3	7.6	5.9	260	430	55.4	29.2	6.7	0.9	4.3	4.1	302	4.2	<100	<50	<40	<1.0	<10	<5	<0.002
22/02/2016	10.8	7.5	6.6	191	430	57.5	30.4	7.7	1.7	4.8	4.4	304	4.3	<100	<50	<40	<1.0	12	<5	0.002
13/06/2016	15.4	7.6	6.8	225	440	55.5	29.6	7.0	1.2	4.5	4.4	304	4.3	<100	<50	57	<1.0	<10	<5	0.002
03/10/2016	19.6	7.6	6.5	219	436	54.8	29.0	6.8	1.1	4.3	4.5	305	4.4	<100	<50	<40	<1.0	<10	<5	<0.002
07/03/2017	11.2	7.5	5.5	160	419	56.0	29.2	7.1	1.1	4.2	4.6	294	4.5	<100	<50	<40	<1.0	<10	<5	0.002
19/06/2017	21.3	7.7	5.7	249	436	54.5	29.0	7.1	1.1	4.2	4.6	305	4.5	<100	<50	<40	<1.0	<10	<5	<0.002
17/10/2017	17.4	7.6	6.6	195	441	53.2	28.9	7.2	1.1	4.4	4.8	303	4.7	<100	<50	<40	<1.0	<10	<5	<0.002
27/11/2017	8.6	7.6	5.2	183	433	55.5	28.8	7.1	1.1	4.2	4.8	291	4.6	<100	<50	<40	<1.0	<10	<5	<0.002
07/05/2018	17.9	7.6	6.2	286	434	53.1	29.1	7.1	1.1	4.3	4.9	294	4.6	<100	<50	<40	<1.0	<10	<5	0.002
09/07/2018	16.2	7.7	6.4	208	431	55.3	29.1	7.2	1.2	4.5	5.1	299	4.8	<100	<50	<40	<1.0	<10	<5	<0.002

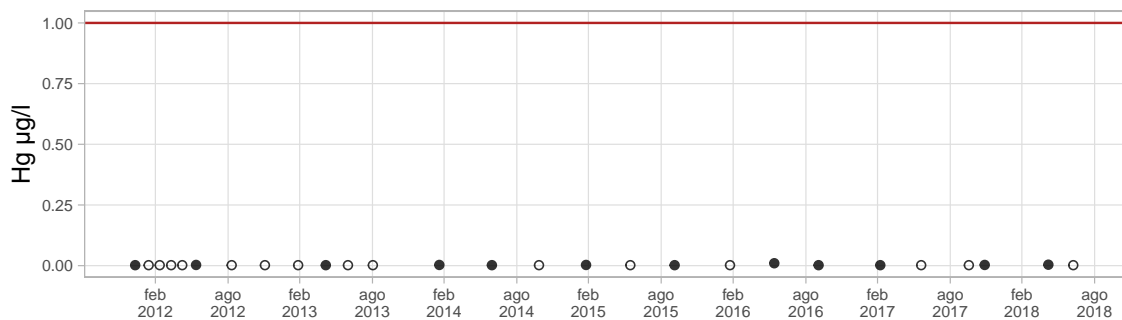
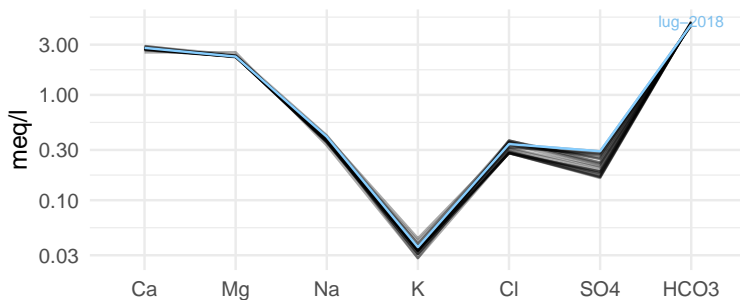
## 5.19 POZZO 6332 QUINTO DI TREVISO, VIA NOALESE



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
10/01/2012	13.8	7.6	2.5	167.7	523	59.9	30.8	12.0	1.2	55.6	2.5	260	<0.5	279	48	<40	<1	<10	<5	3.4
13/02/2012	13.7	7.6	1.8	137	507	59.5	30.6	12.3	1.2	59.6	2.6	257	<0.5	294	103	<40	<1	12	<5	0.4
12/03/2012	13.9	7.6	3.1	92.8	541	62.1	31.0	12.7	1.1	61.5	2.5	265	<0.5	332	177	<40	<1	157	<5	4.8
10/04/2012	13.9	7.6	2.9	19	543	61.4	31.7	13.3	1.1	65.5	2.4	255	<0.5	367	220	<40	<1	275	<5	10.7
08/05/2012	14.8	7.6	2.3	52	546	59.7	31.5	13.6	1.0	72.0	2.4	252	<0.5	416	278	<40	<1	238	<5	13.1
12/06/2012	15.6	7.7	3.4	73	531	51.1	26.9	12.5	1.4	61.0	2.6	262	0.6	427	31	<40	<1	50	<5	2.1
10/09/2012	15.3	7.6	4.0	245	527	62.0	30.8	12.1	1.2	56.6	2.7	258	0.5	332	24	<40	<1	<10	<5	2.7
03/12/2012	13.5	7.6	3.1	223	525	59.8	30.7	12.4	1.4	56.8	2.6	263	0.5	357	<20	<40	<1	15	<5	1.5
25/02/2013	13.6	7.6	1.9	134	521	53.4	33.3	11.4	1.1	56.2	2.6	259	<0.5	321	69	<40	<1.0	13	<5	2.4
06/05/2013	14.3	7.6	2.5	147	517	58.4	30.7	12.0	1.3	53.6	2.8	267	0.5	318	24	<40	<1.0	<10	<5	1.0
03/07/2013	14.7	7.5	1.5	223	510	59.2	30.8	12.4	1.3	56.7	2.7	271	<0.5	343	97	<40	<1.0	<10	<5	3.8
03/09/2013	15.0	7.7	4.4	15	523	60.2	31.2	12.7	1.5	58.2	2.7	262	<0.5	379	77	<40	<1.0	84	<5	4.1
27/11/2017	13.3	7.6	3.2	96	579	63.4	31.7	18.1	1.6	83.4	2.5	236	<0.5	490	220	<40	<1.0	47	<5	2.5
07/05/2018	15.1	7.6	3.7	44	571	60.7	31.9	17.9	1.6	74.4	2.6	246	<0.5	680	150	<40	<1.0	48	<5	1.7
09/07/2018	15.6	7.7	3.0	155	551	62.1	31.5	16.3	1.5	70.5	3.0	252	<0.5	430	70	40	<1.0	<10	<5	1.5

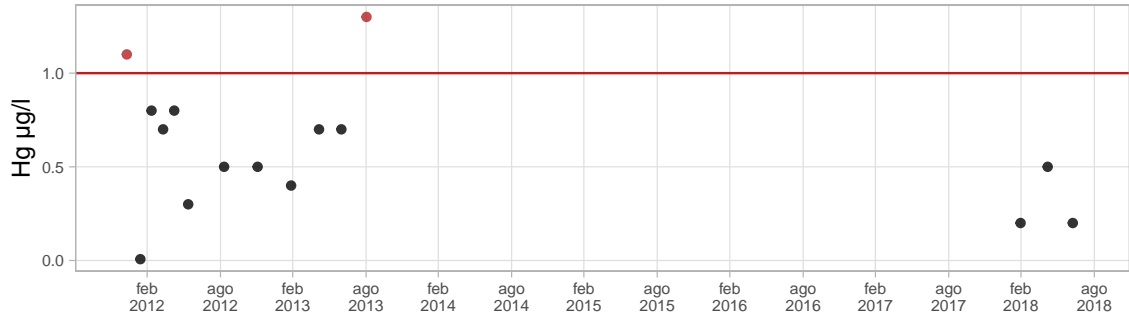
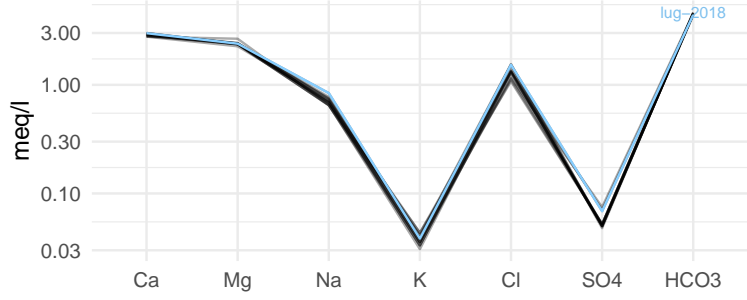


## 5.20 POZZO 6478 QUINTO DI TREVISO, VIA SAN CASSIANO



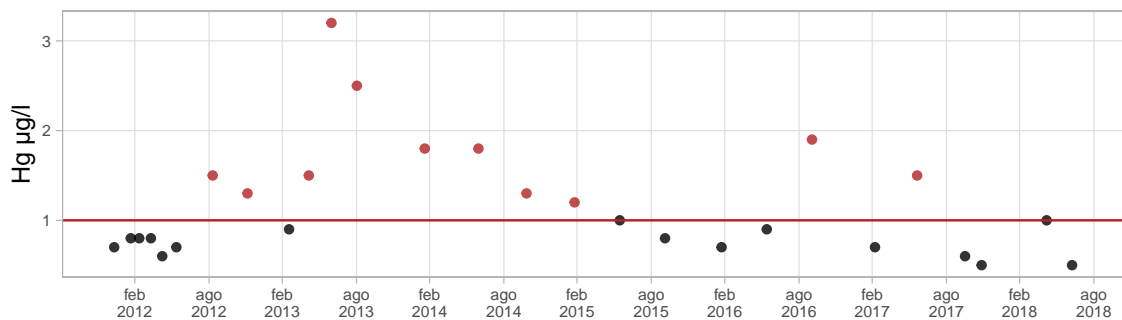
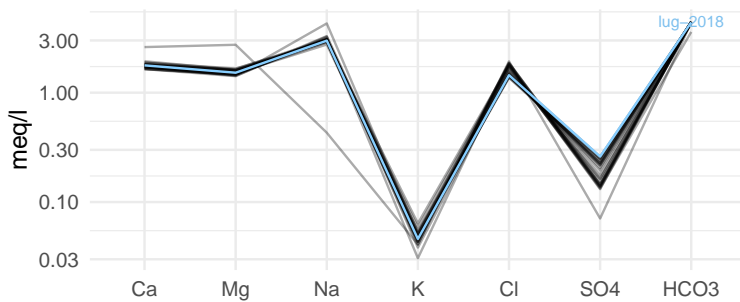
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
10/01/2012	13.4	7.5	2.6	146.7	442	55.4	28.0	8.5	1.2	9.9	7.9	298	0.7	34	<20	<40	<1	<10	<5	0.002
13/02/2012	13.0	7.6	2.5	188.7	422	54.7	27.8	8.3	1.2	10.3	8.2	294	0.8	30	<20	<40	<1	<10	<5	<0.002
12/03/2012	13.3	7.7	4.3	168	446	58.5	28.0	8.3	1.3	10.0	8.0	298	0.7	32	<20	<40	<1	29	<5	<0.002
10/04/2012	13.8	7.6	4.4	206	436	55.2	28.5	8.4	1.3	9.9	7.8	295	0.8	32	<20	<40	<1	14	<5	<0.002
08/05/2012	14.9	7.6	4.3	199	434	54.6	28.2	8.3	1.3	9.9	8.0	305	0.7	43	<20	<40	<1	<10	<5	<0.002
12/06/2012	15.6	7.7	3.7	151	439	54.4	28.7	8.5	1.4	10.3	8.4	293	1.1	51	<20	<40	<1	<10	<5	0.003
10/09/2012	15.0	7.6	4.0	194	445	57.4	28.3	8.8	1.5	10.5	8.6	293	0.8	48	<20	<40	<1	<10	<5	<0.002
03/12/2012	13.8	7.6	3.4	260	441	55.3	28.0	8.1	1.3	9.9	8.7	298	0.8	54	<20	<40	<1	<10	<5	<0.002
25/02/2013	12.8	7.7	5.5	171	435	50.7	30.9	7.6	1.1	10.0	8.9	289	0.7	46	<20	<40	<1.0	<10	<5	<0.002
06/05/2013	14.7	7.6	5.1	184	441	54.2	28.2	8.1	1.3	9.9	9.0	293	0.7	56	<20	<40	<1.0	<10	<5	0.002
01/07/2013	15.0	7.6	1.6	192	428	54.5	28.0	8.2	1.2	10.1	9.0	294	0.6	72	<20	<40	<1.0	<10	<5	<0.002
02/09/2013	15.1	7.7	5.4	160	437	54.7	28.2	8.4	1.4	10.9	9.3	301	0.6	66	<20	<40	<1.0	<10	<5	<0.002
17/02/2014	13.6	7.6	4.8	NA	439	55.1	28.4	8.5	1.6	11.1	9.8	289	0.7	61	<20	<40	<1.0	<10	<5	0.003
30/06/2014	15.0	7.6	3.2	189	447	55.4	28.5	8.7	1.4	12.0	10.0	290	0.7	67	<20	<40	<1.0	<10	<5	0.002
27/10/2014	14.2	7.6	2.8	280	442	55.0	28.4	8.2	1.2	12.7	10.4	288	0.6	<100	<50	<40	<1.0	<10	<5	<0.002
23/02/2015	13.9	7.5	10.8	222	443	54.7	28.1	8.7	1.3	12.7	10.6	282	0.5	55	<20	<40	<1.0	<10	<5	0.003
15/06/2015	14.8	7.6	2.7	193	446	53.3	28.0	8.8	1.3	13.1	10.9	288	0.5	<100	<50	<40	<1.0	<10	<5	<0.002
05/10/2015	15.3	7.6	2.4	231	439	55.6	28.4	8.6	1.1	13.1	11.0	292	<0.5	<100	<50	<40	<1.0	<10	<5	0.002
22/02/2016	13.3	7.5	3.6	168	440	58.1	29.2	9.5	1.5	13.0	11.8	290	0.6	<100	<50	<40	<1.0	17	<5	<0.002
13/06/2016	14.6	7.6	2.8	193	450	56.7	28.7	9.0	1.3	12.6	11.9	291	0.6	<100	<50	40	<1.0	10	<5	0.010
03/10/2016	14.7	7.5	2.2	165	445	54.3	28.0	8.7	1.3	12.3	12.2	285	0.6	<100	<50	<40	<1.0	<10	<5	0.002
08/03/2017	13.5	7.5	3.9	197	428	55.6	28.3	9.1	1.3	11.8	12.7	282	0.7	<100	<50	<40	<1.0	24	<5	0.002
19/06/2017	15.1	7.6	2.9	235	444	54.6	27.9	9.1	1.3	11.6	12.9	280	0.7	<100	<50	<40	<1.0	<10	<5	<0.002
18/10/2017	14.0	7.6	2.4	193	446	53.5	27.9	9.3	1.7	12.0	13.4	280	0.9	<100	<50	<40	<1.0	<10	<5	<0.002
27/11/2017	13.5	7.6	2.5	157	442	55.9	27.6	9.0	1.3	11.3	13.2	277	0.8	<100	<50	<40	<1.0	<10	<5	0.003
07/05/2018	14.9	7.5	3.6	282	439	53.3	28.1	9.1	1.3	11.2	13.5	278	0.8	<100	<50	<40	<1.0	<10	<5	0.004
09/07/2018	15.7	7.6	2.2	230	438	56.0	28.1	9.2	1.4	12.1	14.0	284	0.9	<100	<50	<40	<1.0	<10	<5	<0.002

## 5.21 POZZO 6532 QUINTO DI TREVISO, VIA GIUSTI



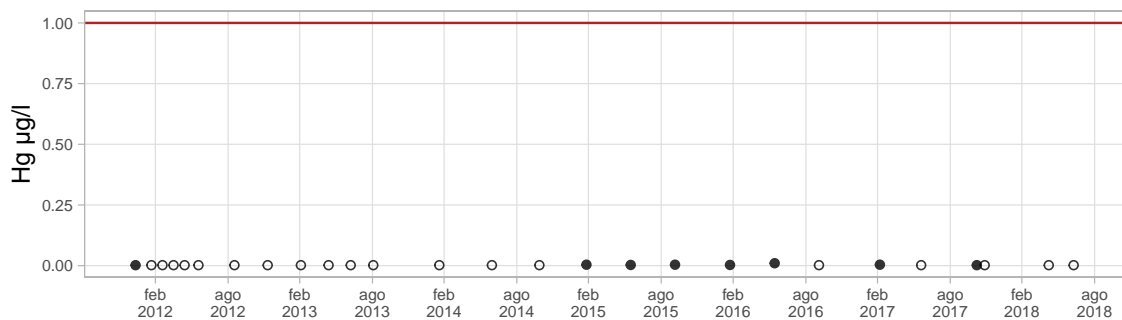
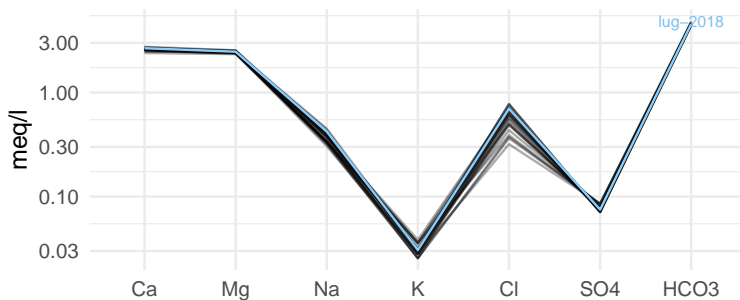
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
10/01/2012	9.3	7.6	2.1	144.5	517	58.8	29.1	15.8	1.3	48.5	2.4	274	<0.5	228	<20	<40	<1	<10	<5	1.1
13/02/2012	8.2	7.6	2.4	222.9	486	57.8	28.9	15.7	1.4	45.8	2.5	275	<0.5	235	<20	<40	<1	<10	<5	0.007
12/03/2012	13.3	7.7	2.8	178	506	60.0	28.6	14.9	1.3	42.6	2.5	277	0.5	203	<20	<40	<1	<10	<5	0.8
10/04/2012	14.1	7.6	2.9	134	491	57.1	28.9	14.9	1.7	38.1	2.5	281	0.6	185	<20	<40	<1	<10	<5	0.7
08/05/2012	16.4	7.6	3.1	203	489	57.1	28.7	15.0	1.4	39.7	2.5	284	0.6	218	<20	<40	<1	<10	<5	0.8
12/06/2012	17.2	7.6	2.0	95	510	56.9	29.2	15.9	1.3	46.7	2.4	273	0.8	312	<20	<40	<1	<10	<5	0.3
10/09/2012	19.0	7.6	2.3	161	514	60.2	29.0	16.1	1.7	46.7	2.4	274	0.5	260	<20	<40	<1	<10	<5	0.5
03/12/2012	12.5	7.6	2.0	112	514	58.3	28.9	15.9	1.6	48.0	2.4	273	0.5	290	<20	<40	<1	10	<5	0.5
25/02/2013	11.6	7.6	2.8	134	508	55.6	32.3	15.0	1.2	47.4	2.5	266	0.5	266	<20	<40	<1.0	<10	<5	0.4
06/05/2013	17.9	7.6	0.9	127	527	58.2	29.4	16.9	1.5	54.1	2.4	275	<0.5	316	<20	<40	<1.0	<10	<5	0.7
01/07/2013	17.3	7.6	1.8	126	513	58.6	29.3	17.0	1.4	53.5	2.3	280	<0.5	317	21	<40	<1.0	<10	<5	0.7
02/09/2013	18.1	7.6	2.0	179	524	58.9	29.5	17.3	1.6	55.1	2.4	275	<0.5	344	<20	<40	<1.0	<10	<5	1.3
28/02/2018	12.9	7.5	3.4	218	496	55.6	27.5	16.5	1.4	40.9	3.6	278	0.9	240	<50	<40	<1.0	304	<5	0.2
07/05/2018	14.4	7.6	2.8	266	510	56.1	28.8	17.8	1.5	46.8	3.4	271	0.8	350	<50	<40	<1.0	<10	<5	0.5
09/07/2018	15.4	7.6	3.2	152	522	59.9	29.1	19.3	1.5	54.2	3.3	269	0.7	320	<50	<40	<1.0	<10	<5	0.2

## 5.22 POZZO 6564 QUINTO DI TREVISO, VIA BRONDI



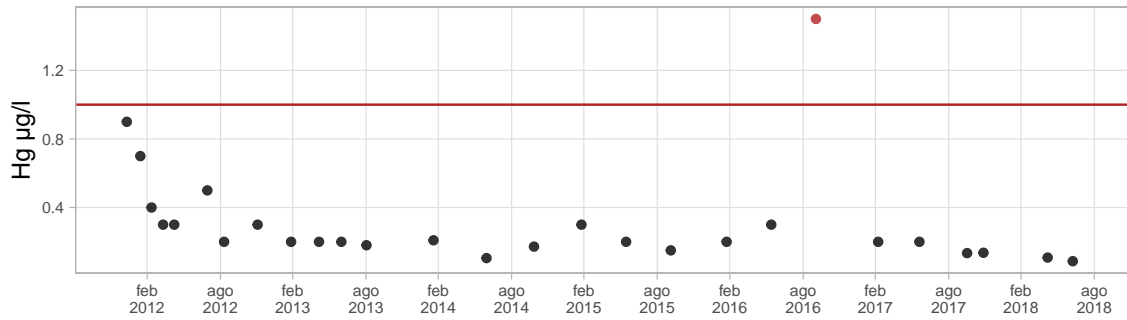
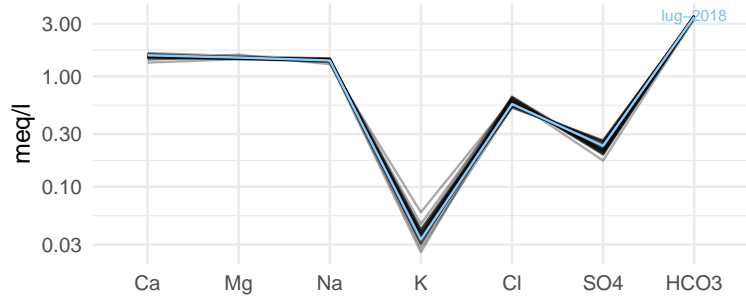
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
10/01/2012	13.5	7.8	2.8	28.2	564	36.9	19.6	66.6	1.7	64.4	6.7	270	<0.5	318	185	<40	<1	104	<5	0.7
20/02/2012	13.3	7.8	2.8	63	560	37.8	20.2	68.4	1.6	66.1	6.9	268	<0.5	321	199	<40	<1	101	<5	0.8
12/03/2012	13.7	7.8	3.9	95	565	37.8	19.4	70.2	1.2	61.0	6.6	267	<0.5	328	195	<40	<1	104	<5	0.8
10/04/2012	13.6	7.8	4.1	10	558	35.7	20.0	71.0	1.7	62.9	6.3	269	<0.5	329	178	<40	<1	124	<5	0.8
08/05/2012	14.5	7.8	4.2	-11	556	36.2	19.3	68.0	1.7	65.0	6.5	265	<0.5	363	196	<40	<1	119	<5	0.6
12/06/2012	15.8	7.8	3.3	85	561	36.3	19.6	69.5	1.8	66.7	6.7	267	<0.5	440	231	45	<1	96	<5	0.7
10/09/2012	15.5	7.8	1.9	-19	565	38.8	19.7	68.8	2.0	65.6	7.0	264	<0.5	366	191	<40	<1	112	<5	1.5
05/12/2012	13.7	7.9	4.3	-74	565	36.4	18.8	68.8	2.5	63.5	6.4	219	<0.5	388	195	<40	<1	998	<5	1.3
18/03/2013	NA	7.8	1.9	NA	566	52.3	33.3	9.9	1.6	68.5	3.4	267	<0.5	374	187	<40	<1.0	173	<5	0.9
06/05/2013	14.8	7.7	2.5	-37	557	36.1	19.2	67.3	2.3	61.9	7.3	267	<0.5	360	184	<40	<1.0	187	<5	1.5
01/07/2013	15.3	7.8	3.3	50	541	35.4	18.6	70.0	1.8	60.0	6.9	271	<0.5	355	178	<40	<1.0	253	<5	3.2
02/09/2013	14.9	7.7	2.9	-55	549	36.5	19.4	67.5	2.0	60.5	7.9	274	<0.5	370	191	40	<1.0	158	<5	2.5
17/02/2014	13.4	7.9	8.5	NA	550	35.5	18.7	70.4	2.1	56.0	7.8	271	<0.5	346	186	52	<1.0	184	<5	1.8
30/06/2014	15.1	7.9	7.5	90	551	35.1	18.5	70.8	1.8	56.5	8.5	271	<0.5	313	169	<40	1.0	135	<5	1.8
27/10/2014	14.6	7.8	4.3	33	537	34.5	18.3	63.3	1.9	54.9	9.3	271	<0.5	330	150	<40	<1.0	107	<5	1.3
23/02/2015	13.0	8.0	12.4	132	539	33.9	17.8	71.5	2.0	52.5	9.8	266	<0.5	270	155	40	<1.0	164	<5	1.2
15/06/2015	16.8	7.8	5.5	21	538	33.0	17.8	70.6	1.8	52.4	10.4	268	<0.5	320	150	<40	<1.0	118	<5	1.0
05/10/2015	15.7	7.9	4.8	16	536	34.2	18.0	66.2	1.7	51.4	10.4	271	<0.5	300	140	<40	<1.0	180	<5	0.8
22/02/2016	11.3	8.0	6.8	41	528	34.3	17.8	75.6	2.1	49.9	11.2	270	<0.5	310	130	<40	<1.0	234	<5	0.7
13/06/2016	15.9	7.8	4.1	-76	545	32.9	17.2	73.6	1.5	53.2	10.8	272	<0.5	310	160	<40	<1.0	324	<5	0.9
03/10/2016	17.4	7.8	2.6	-17	535	33.2	17.6	70.2	1.8	51.5	10.6	267	<0.5	310	170	<40	<1.0	320	<5	1.9
08/03/2017	11.1	7.9	6.3	121	514	34.5	17.3	74.8	1.9	48.5	11.4	263	<0.5	310	140	<40	<1.0	169	<5	0.7
20/06/2017	19.1	7.8	5.6	120	536	34.5	18.1	71.1	1.8	50.6	12.0	269	<0.5	290	130	<40	<1.0	138	<5	1.5
17/10/2017	16.8	7.9	4.8	-53	545	34.2	18.4	70.1	1.9	50.0	12.0	261	<0.5	310	150	<40	<1.0	220	<5	0.6
27/11/2017	10.1	7.9	5.9	-33	533	34.5	17.5	98.7	1.9	50.5	10.9	270	<0.5	290	140	<40	<1.0	368	<5	0.5
07/05/2018	16.8	7.8	4.4	-39	531	32.8	17.9	68.7	1.8	48.9	12.0	268	<0.5	370	160	<40	<1.0	289	<5	1.0
09/07/2018	23.5	7.8	3.6	10	528	35.6	18.5	68.7	1.8	51.2	12.5	268	<0.5	320	150	<40	<1.0	154	<5	0.5

## 5.23 POZZO 6061 TREVISO, VIA MALEVISTE



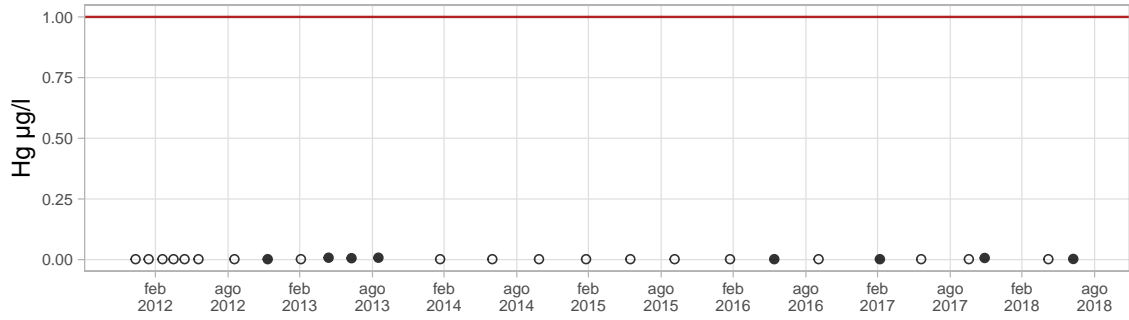
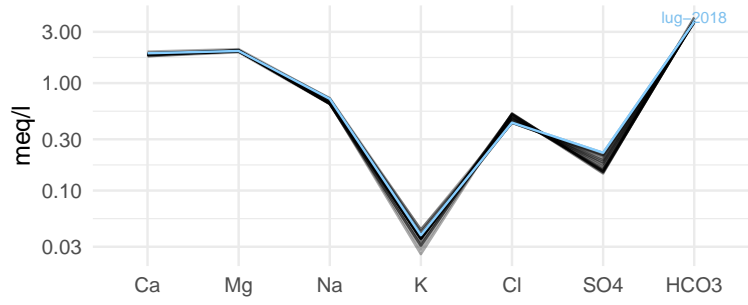
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
11/01/2012	13.1	7.6	4.3	203.7	446	51.8	29.6	7.7	1.0	19.3	3.5	284	3.0	72	<20	<40	<1	<10	<5	0.002
20/02/2012	11.9	7.7	6.2	189	434	51.8	29.2	7.7	1.2	15.4	4.0	283	3.9	48	<20	<40	<1	<10	<5	<0.002
19/03/2012	13.6	7.7	5.1	256	431	52.2	29.3	7.4	1.0	13.3	4.1	281	4.4	39	<20	<40	<1	<10	<5	<0.002
16/04/2012	13.3	7.7	6.4	215	426	50.0	28.9	7.0	1.1	11.3	4.1	285	4.6	28	<20	<40	<1	<10	<5	<0.002
14/05/2012	14.0	7.6	6.0	192	425	50.1	29.4	7.3	1.0	12.9	4.1	295	4.3	56	<20	<40	<1	<10	<5	<0.002
18/06/2012	14.8	7.8	5.9	NA	429	48.0	28.4	7.8	1.4	13.8	4.0	286	4.2	56	<20	50	<1	<10	<5	<0.002
17/09/2012	14.3	7.6	5.9	330	440	51.8	29.5	7.7	1.4	17.6	3.7	279	3.7	74	<20	48	<1	<10	<5	<0.002
10/12/2012	12.9	7.7	5.6	126	452	51.9	29.9	7.9	1.4	21.7	3.6	281	3.0	100	<20	<40	<1	17	<5	<0.002
04/03/2013	13.3	7.6	4.6	138	439	51.0	29.2	7.7	1.1	18.2	3.7	276	3.6	102	<20	<40	<1.0	<10	<5	<0.002
13/05/2013	14.1	7.6	4.7	144	431	50.0	29.3	7.5	1.1	17.2	3.8	286	3.8	91	<20	<20	<1.0	<10	<5	<0.002
08/07/2013	14.7	7.6	4.6	237	438	51.1	29.4	7.7	1.1	20.5	3.7	278	3.4	117	<20	<40	<1.0	<10	<5	<0.002
03/09/2013	14.5	7.7	5.1	137	450	52.7	30.3	8.5	1.5	25.3	3.4	270	2.7	145	<20	<40	<1.0	10	<5	<0.002
17/02/2014	13.6	7.6	5.4	NA	453	53.0	30.4	8.8	1.4	24.9	3.5	282	2.8	136	<20	<40	<1.0	10	<5	<0.002
30/06/2014	15.0	7.7	5.4	208	464	53.5	30.6	8.9	1.2	27.4	3.4	279	2.9	149	<20	<40	<1.0	10	<5	<0.002
28/10/2014	13.6	7.6	7.3	271	445	52.0	30.0	8.0	1.1	21.8	3.7	273	3.6	130	<50	<40	<1.0	<10	<5	<0.002
24/02/2015	13.3	7.6	7.6	224	452	53.1	30.0	8.7	1.2	23.9	3.5	273	3.2	113	<20	<40	<1.0	<10	<5	0.004
16/06/2015	14.9	7.6	4.1	216	452	52.2	30.2	9.0	1.2	24.7	3.5	281	3.4	160	<50	<40	<1.0	<10	<5	0.003
06/10/2015	13.9	7.6	4.5	216	445	51.8	28.6	8.5	1.0	22.3	3.6	277	3.8	140	<50	<40	<1.0	<10	<5	0.004
22/02/2016	13.2	7.6	5.8	170	439	55.1	30.9	9.3	1.3	20.0	3.8	279	4.1	130	<50	<40	<1.0	<10	<5	0.003
14/06/2016	14.3	7.6	4.9	228	463	54.1	30.8	9.1	1.2	23.8	3.6	280	3.4	150	<50	<40	<1.0	<10	<5	0.010
04/10/2016	14.1	7.6	4.8	211	454	52.9	30.0	8.9	1.2	23.4	3.6	281	3.7	150	<50	<40	<1.0	<10	<5	<0.002
07/03/2017	13.6	7.6	4.9	196	427	52.8	29.6	8.6	1.2	17.5	3.8	279	4.4	<100	<50	<40	<1.0	<10	<5	0.004
19/06/2017	14.6	7.6	4.2	172	455	52.3	29.8	9.3	1.2	22.9	3.5	277	3.4	120	<50	<40	<1.0	13	<5	<0.002
07/11/2017	13.6	7.6	5.9	250	454	53.0	29.7	10.1	1.1	27.5	3.4	272	2.8	130	<50	<40	<1.0	<10	<5	0.002
27/11/2017	13.3	7.6	3.7	166	463	54.6	29.8	10.3	1.2	27.1	3.4	272	2.9	150	<50	<40	<1.0	<10	<5	<0.002
08/05/2018	14.2	7.6	4.6	193	450	51.4	30.1	9.5	1.2	21.5	3.7	279	3.7	120	<50	<40	<1.0	<10	<5	<0.002
10/07/2018	14.8	7.6	4.9	197	456	53.4	30.0	9.7	1.2	24.8	3.6	278	3.3	130	<50	140	<1.0	15	<5	<0.002

## 5.24 POZZO 6085 TREVISO, VIA BOIAGO



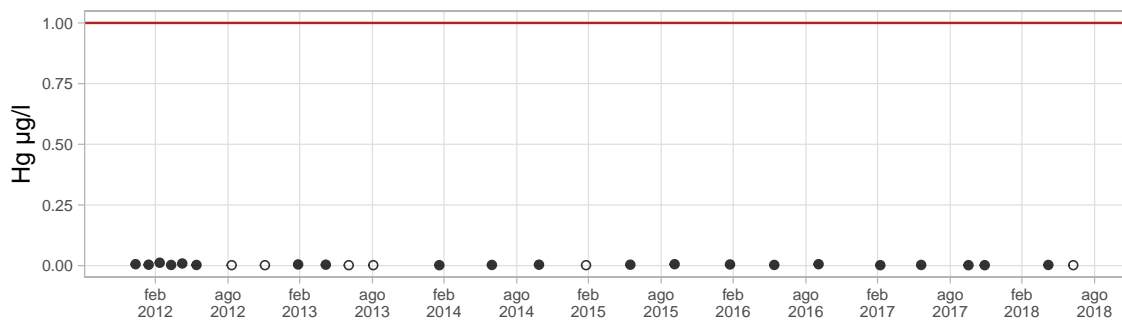
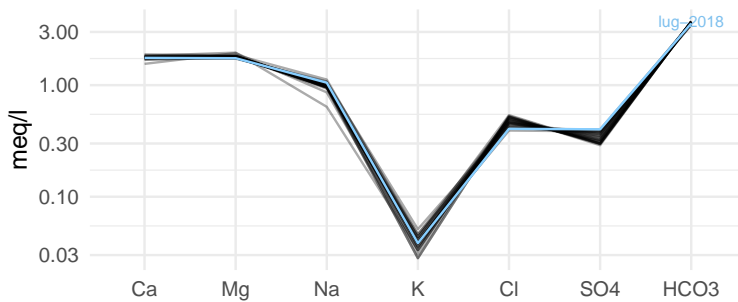
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
10/01/2012	13.7	7.9	3.4	-76.4	373	29.4	17.4	32.1	1.2	22.5	9.9	210	<0.5	118	81	<40	<1	749	6	0.9
13/02/2012	13.4	7.9	2.1	-111.3	358	26.7	17.4	32.2	1.2	23.2	10.2	212	<0.5	114	78	<40	<1	528	<5	0.7
12/03/2012	14.0	8.0	3.8	-95	377	29.7	17.8	31.0	1.0	22.7	9.5	212	<0.5	122	81	<40	<1	728	8	0.4
10/04/2012	14.6	7.9	2.6	-67	370	30.2	17.9	32.1	1.5	21.9	9.5	211	<0.5	119	76	<40	<1	259	<5	0.3
08/05/2012	14.8	7.9	4.1	-70	370	29.1	17.7	31.6	1.8	22.4	9.4	215	<0.5	131	87	50	1	374	<5	0.3
30/07/2012	16.4	7.9	2.3	83	369	30.7	18.1	32.6	1.2	21.8	10.2	214	<0.5	139	87	<40	<1	283	<5	0.5
10/09/2012	15.4	7.9	2.7	-117	379	30.0	17.7	32.8	1.4	22.8	9.8	212	<0.5	152	85	<40	<1	292	<5	0.2
03/12/2012	13.4	8.0	5.0	14	374	30.6	17.7	32.5	1.6	23.2	9.6	216	<0.5	148	79	<40	<1	274	<5	0.3
25/02/2013	13.7	7.9	3.7	-92	365	28.2	19.1	29.6	2.3	21.8	8.3	206	<0.5	132	73	<40	<1.0	1300	15	0.2
06/05/2013	14.9	7.9	3.6	-93	372	30.1	17.7	32.4	1.5	21.1	10.6	215	<0.5	132	72	<40	<1.0	256	<5	0.2
01/07/2013	15.5	7.9	2.1	-44	355	30.4	17.7	32.0	1.3	19.9	11.0	212	<0.5	125	64	<40	<1.0	248	<5	0.2
02/09/2013	15.4	7.9	2.7	-104	364	30.4	17.8	31.9	1.6	20.5	11.3	214	<0.5	137	60	<40	<1.0	184	<5	0.180
17/02/2014	15.0	7.9	3.0	NA	367	30.8	18.0	31.8	1.5	19.8	12.0	214	<0.5	124	72	<40	<1.0	188	<5	0.209
30/06/2014	16.0	7.9	3.1	-98	371	30.4	17.7	32.0	1.5	18.4	12.4	210	<0.5	112	41	<40	1.0	204	<5	0.105
27/10/2014	15.1	7.9	2.2	-13	365	30.5	17.9	33.6	1.3	19.2	12.5	212	<0.5	130	50	<40	<1.0	143	<5	0.172
23/02/2015	14.0	7.9	10.1	118	368	30.2	17.7	32.9	1.4	19.9	12.2	209	<0.5	106	70	<40	<1.0	360	<5	0.3
15/06/2015	15.7	7.9	3.1	-109	367	29.4	17.5	32.1	1.3	18.6	12.7	211	<0.5	120	60	<40	<1.0	132	<5	0.2
05/10/2015	15.4	7.9	2.5	-51	362	30.4	17.8	31.6	1.1	18.7	12.4	212	<0.5	130	60	<40	<1.0	115	<5	0.150
22/02/2016	14.5	7.9	5.2	-104	365	32.6	18.6	33.3	1.6	19.6	11.7	212	<0.5	140	60	<40	<1.0	228	<5	0.2
13/06/2016	15.6	7.9	5.1	-119	373	31.6	18.2	31.5	1.3	19.4	11.7	211	<0.5	130	70	53	<1.0	149	<5	0.3
03/10/2016	16.0	7.8	1.5	-87	372	30.6	17.5	31.0	1.3	19.2	11.4	218	<0.5	130	50	<40	<1.0	536	<5	1.5
08/03/2017	14.8	7.9	5.1	34	560	32.2	18.0	32.9	1.3	20.3	10.6	213	<0.5	130	60	<40	<1.0	161	<5	0.2
19/06/2017	16.0	8.0	3.1	103	372	30.7	17.9	32.9	1.3	20.3	10.5	213	<0.5	<100	60	<40	<1.0	100	<5	0.2
17/10/2017	15.8	7.9	2.5	27	384	31.0	17.9	33.2	1.4	21.3	10.3	216	<0.5	140	<50	<40	<1.0	90	<5	0.134
27/11/2017	14.5	7.9	2.3	-32	376	31.6	17.8	32.4	1.4	21.2	10.0	199	<0.5	120	<50	<40	<1.0	76	<5	0.136
07/05/2018	15.7	7.9	2.3	-23	371	30.1	18.0	32.8	1.4	20.7	10.2	217	<0.5	130	50	<40	<1.0	70	<5	0.108
09/07/2018	15.9	7.9	2.4	-68	367	31.1	18.0	32.0	1.3	19.9	11.3	211	<0.5	120	50	40	<1.0	99	<5	0.087

## 5.25 POZZO 6383 TREVISO, VIA SELVATICO



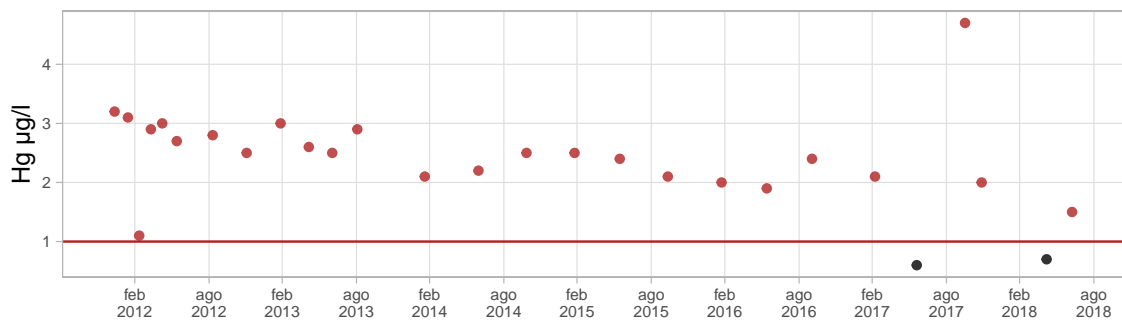
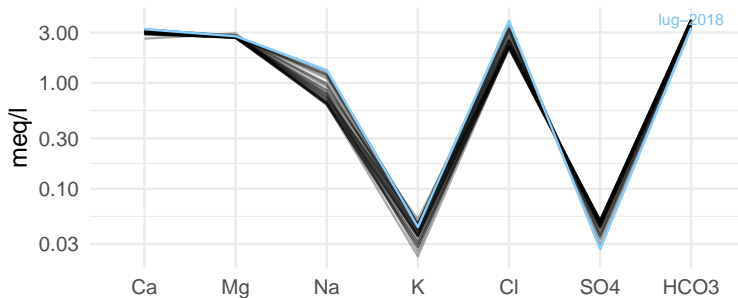
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
11/01/2012	14.5	7.9	2.4	135.8	380	37.2	24.3	14.8	1.2	18.1	7.0	231	<0.5	96	<20	<40	<1	<10	<5	<0.002
13/02/2012	14.8	7.8	2.6	210	362	37.0	24.1	14.9	1.4	18.4	7.2	228	<0.5	104	<20	<40	<1	<10	<5	<0.002
19/03/2012	14.6	7.8	3.4	225.8	381	37.1	24.4	14.7	1.2	18.0	6.9	248	<0.5	99	<20	<40	<1	<10	<5	<0.002
16/04/2012	14.6	7.8	3.0	208	378	37.0	24.4	14.7	1.1	18.2	7.2	230	<0.5	98	<20	<40	<1	<10	<5	<0.002
14/05/2012	15.0	7.8	2.4	177	373	36.8	24.8	14.9	1.0	18.6	7.2	231	<0.5	115	<20	<40	<1	<10	<5	<0.002
18/06/2012	15.7	7.8	1.1	170	374	35.6	23.5	14.6	1.2	18.4	7.1	231	<0.5	116	<20	<40	<1	<10	<5	<0.002
17/09/2012	16.1	7.8	3.1	205	375	37.6	24.2	14.7	1.3	18.3	7.2	227	<0.5	109	<20	<40	<1	<10	<5	<0.002
10/12/2012	13.6	7.8	2.1	237	380	37.0	24.3	14.8	1.4	18.1	7.4	231	<0.5	123	<20	<40	<1	<10	<5	0.002
04/03/2013	14.8	7.8	1.8	74	382	36.4	23.8	14.8	1.4	17.4	7.4	250	<0.5	117	<20	<40	<1.0	<10	<5	<0.002
13/05/2013	15.6	7.8	2.4	30	369	36.7	24.3	15.0	1.4	18.1	7.6	231	<0.5	114	<20	<40	<1.0	<10	<5	0.008
10/07/2013	15.9	7.8	1.7	188	368	36.8	24.1	14.8	1.4	17.3	7.5	229	<0.5	116	<20	<40	<1.0	<10	<5	0.006
16/09/2013	15.2	7.8	5.8	187	372	36.9	24.4	15.1	1.4	17.1	7.5	230	<0.5	126	<20	<40	<1.0	<10	<5	0.008
19/02/2014	14.4	7.8	3.2	217	374	37.2	24.4	15.1	1.4	17.0	8.0	233	<0.5	111	<20	<40	<1.0	<10	<5	<0.002
01/07/2014	16.1	7.8	2.5	178	379	37.3	24.4	15.5	1.4	16.9	8.0	234	<0.5	103	<20	<40	<1.0	<10	<5	<0.002
27/10/2014	15.2	7.8	2.5	249	373	36.9	24.3	15.1	1.4	16.9	8.4	229	<0.5	110	<50	<40	<1.0	<10	<5	<0.002
23/02/2015	14.9	7.9	14.8	193	376	36.9	24.1	15.9	1.7	16.6	8.5	222	<0.5	90	<20	<40	<1.0	<10	<5	<0.002
15/06/2015	16.7	7.9	3.7	234	375	35.6	24.0	15.8	1.4	16.3	8.8	230	0.7	120	<50	<40	<1.0	<10	<5	<0.002
05/10/2015	15.3	7.8	3.6	235	368	36.7	24.3	15.6	1.3	16.0	8.8	230	<0.5	110	<50	<40	<1.0	<10	<5	<0.002
22/02/2016	14.9	7.8	3.0	171	372	39.4	25.2	16.5	1.6	16.2	9.2	232	<0.5	130	<50	<40	<1.0	<10	<5	<0.002
13/06/2016	15.8	7.8	4.0	198	380	38.2	24.7	16.1	1.5	16.1	9.2	230	<0.5	<100	<50	50	<1.0	<10	<5	0.002
03/10/2016	16.0	7.8	3.4	204	378	37.4	24.0	15.8	1.4	15.7	9.5	228	0.5	110	<50	<40	1.0	<10	<5	<0.002
07/03/2017	15.5	7.8	3.2	-67	363	38.3	24.2	16.3	1.4	15.4	9.9	222	0.6	<100	<50	<40	<1.0	<10	<5	0.002
19/06/2017	16.1	7.9	2.8	204	376	36.9	24.0	16.3	1.4	15.2	10.1	226	<0.5	<100	<50	<40	<1.0	<10	<5	<0.002
18/10/2017	15.0	7.8	3.1	195	383	37.2	24.0	16.3	1.5	15.2	10.3	226	0.6	120	<50	<40	<1.0	<10	<5	<0.002
27/11/2017	13.9	7.8	3.1	178	378	37.9	23.9	16.3	1.6	15.1	10.2	223	0.5	100	<50	<40	<1.0	<10	<5	0.007
07/05/2018	16.0	7.9	3.5	221	373	36.1	24.3	16.7	1.7	15.1	10.4	228	0.6	<100	<50	<40	<1.0	<10	<5	<0.002
09/07/2018	16.5	7.9	2.8	145	373	38.0	24.2	16.4	1.5	15.2	10.8	227	0.5	<100	<50	<40	<1.0	<10	<5	0.003

## 5.26 POZZO 6385 TREVISO, VIA SANT'ANGELO



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
11/01/2012	14.6	7.8	3.1	182.0	387	35.8	22.2	22.0	1.3	18.6	13.9	227	<0.5	96	<20	<40	<1	10	<5	0.006
13/02/2012	14.8	7.8	1.8	158	370	36.7	23.8	14.7	1.3	18.8	14.4	224	<0.5	89	<20	<40	<1	10	<5	0.004
12/03/2012	14.7	7.8	2.1	106.1	389	36.1	21.9	21.4	1.1	18.4	14.3	228	<0.5	95	<20	<40	<1	42	<5	0.012
10/04/2012	14.7	7.8	2.5	125	381	35.8	22.3	21.9	1.2	18.4	14.2	224	<0.5	96	<20	<40	<1	28	<5	0.003
08/05/2012	16.0	7.8	1.7	67	379	34.7	22.2	21.9	1.1	18.3	14.4	228	<0.5	108	<20	<40	<1	73	<5	0.009
13/06/2012	16.1	7.8	1.9	110	388	35.1	22.1	22.2	1.7	19.1	14.4	225	<0.5	132	<20	<40	<1	28	<5	0.003
10/09/2012	16.1	7.8	1.7	185	388	37.6	22.3	21.8	1.5	18.0	14.5	226	<0.5	111	<20	<40	<1	13	<5	<0.002
03/12/2012	13.6	7.8	2.2	119	384	35.9	22.0	21.9	1.6	17.8	14.8	227	<0.5	119	<20	<40	<1	44	<5	<0.002
25/02/2013	14.1	8.3	1.7	73	382	31.1	23.6	19.8	1.3	17.4	15.0	227	<0.5	102	<20	<40	<1.0	476	<5	0.005
06/05/2013	13.0	7.8	1.3	66	384	35.3	22.1	22.1	1.5	17.3	15.1	222	<0.5	110	<20	<40	<1.0	<20	<5	0.004
03/07/2013	15.4	7.8	1.6	154	368	35.4	22.0	22.2	1.5	17.1	15.4	226	<0.5	111	<20	<40	<1.0	21	<5	<0.002
03/09/2013	16.4	7.8	2.9	138	378	35.7	22.1	22.5	1.8	17.7	15.5	225	<0.5	117	<20	<40	<1.0	15	<5	<0.002
17/02/2014	15.0	7.8	2.7	NA	379	35.8	22.2	22.5	1.7	17.0	15.8	225	<0.5	107	<20	<40	<1.0	12	<5	0.002
30/06/2014	15.7	7.8	3.3	168	384	35.0	21.7	22.5	1.4	16.3	15.6	222	<0.5	102	<20	<40	<1.0	11	<5	0.003
27/10/2014	14.9	7.8	1.8	181	378	35.2	21.9	23.1	1.5	16.7	16.3	223	<0.5	100	<50	<40	<1.0	11	<5	0.004
23/02/2015	14.8	7.8	5.0	58	378	35.2	21.8	23.1	1.6	16.4	16.4	215	<0.5	87	<20	<40	<1.0	<10	<5	<0.002
15/06/2015	16.1	7.9	2.5	178	381	34.0	21.6	23.1	1.4	16.3	16.9	220	<0.5	100	<50	<40	<1.0	<10	<5	0.004
05/10/2015	15.2	7.8	2.3	160	374	35.7	21.8	23.0	1.4	16.1	16.7	221	<0.5	120	<50	<40	<1.0	12	<5	0.006
22/02/2016	14.9	7.8	2.7	123	375	37.5	22.7	25.8	1.7	16.4	17.5	224	<0.5	120	<50	<40	<1.0	11	<5	0.005
13/06/2016	15.7	7.8	3.0	205	NA	36.3	22.1	23.4	1.5	15.9	17.3	222	<0.5	<100	<50	<40	<1.0	10	<5	0.003
03/10/2016	15.3	7.8	3.0	170	378	35.3	21.4	22.6	1.5	15.5	17.6	219	<0.5	100	<50	<40	<1.0	<10	<5	0.006
08/03/2017	14.6	7.8	2.4	128	367	36.5	21.6	24.0	1.5	15.1	18.1	211	<0.5	110	<50	<40	<1.0	26	<5	0.002
19/06/2017	15.6	7.8	1.9	335	379	34.7	21.3	23.6	1.5	14.8	18.1	219	<0.5	<100	<50	<40	<1.0	<10	<5	0.003
17/10/2017	15.0	7.9	2.7	154	388	34.8	21.2	24.6	2.0	15.4	18.5	211	<0.5	120	<50	59	<1.0	10	<5	0.002
27/11/2017	14.0	7.9	2.8	194	375	35.4	21.0	24.8	1.8	14.7	18.5	215	<0.5	<100	<50	<40	<1.0	<10	<5	0.002
07/05/2018	15.9	7.8	2.7	226	375	33.9	21.4	23.7	1.6	13.9	18.5	223	<0.5	<100	<50	<40	<1.0	<10	<5	0.003
09/07/2018	16.3	7.9	1.7	140	371	35.2	21.2	24.2	1.5	14.4	19.3	218	<0.5	<100	<50	<40	<1.0	59	<5	<0.002

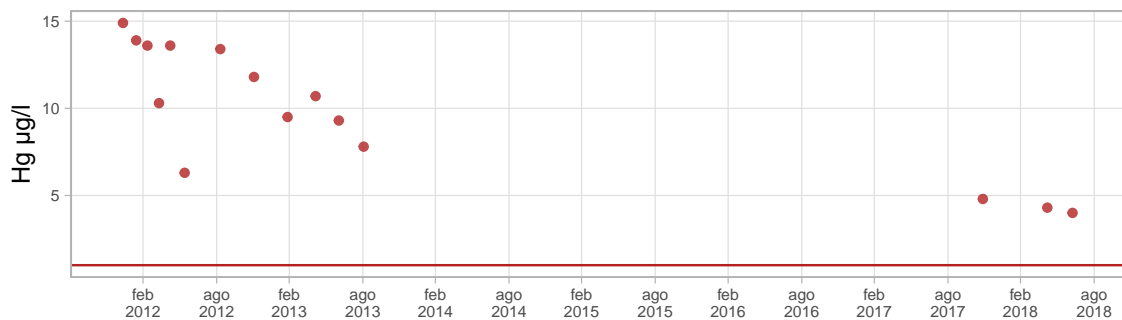
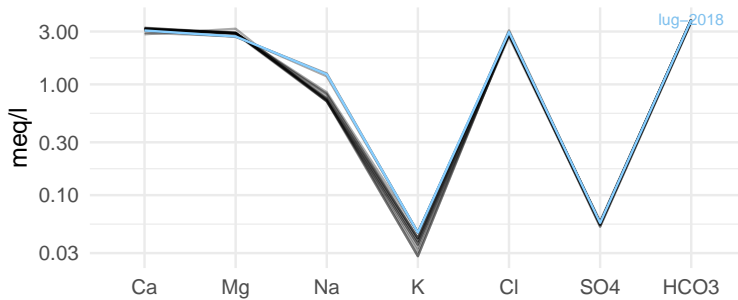
## 5.27 POZZO 6386 TREVISO, VIA CANIZZANO



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
11/01/2012	13.3	7.6	2.7	180.1	557	58.5	32.6	14.5	1.2	75.0	2.4	242	0.7	382	85	<40	<1	19.5	<5	3.2
13/02/2012	14.1	7.6	5.2	89	538	60.3	33.2	15.2	1.3	75.4	2.4	237	0.7	438	99	<40	<1	<10	<5	3.1
12/03/2012	14.0	7.6	3.5	173.8	561	59.5	32.3	14.5	0.9	78.0	2.4	240	0.7	408	85	<40	<1	<10	<5	1.1
10/04/2012	14.0	7.6	2.6	233	555	59.0	32.6	14.6	1.1	74.8	2.4	236	0.7	418	90	<40	<1	340	<5	2.9
08/05/2012	15.4	7.7	1.7	144	550	57.7	32.8	14.8	1.1	77.5	2.2	244	0.7	452	103	<40	<1	17	<5	3.0
13/06/2012	15.6	7.7	2.5	145	562	57.6	32.8	15.6	1.6	79.0	2.4	243	0.8	551	104	<40	<1	<10	<5	2.7
10/09/2012	15.3	7.6	2.6	154	561	61.4	32.8	15.0	1.4	80.0	2.3	238	1.0	461	97	<40	<1	<10	<5	2.8
03/12/2012	13.9	7.6	2.0	214	562	59.2	32.7	15.1	1.4	79.0	2.3	242	0.8	494	74	<40	<1	10	<5	2.5
25/02/2013	13.5	7.6	1.7	135	567	52.6	35.7	14.2	1.2	78.2	2.3	231	0.6	472	85	<40	<1.0	<10	<5	3.0
06/05/2013	14.3	7.6	1.6	196	570	58.7	32.9	16.2	1.4	80.4	2.3	237	0.6	507	88	<40	<1.0	<10	<5	2.6
03/07/2013	15.5	7.6	1.9	182	554	59.0	32.7	16.4	1.4	85.0	2.3	238	0.6	508	78	<40	<1.0	<10	<5	2.5
03/09/2013	14.8	7.6	3.0	152	569	59.3	33.0	16.9	1.8	80.2	2.2	231	0.6	551	67	<40	<1.0	10	<5	2.9
17/02/2014	14.0	7.6	2.4	NA	569	59.4	33.2	17.1	1.8	79.2	2.4	234	0.70	503	38	<40	<1.0	<10	<5	2.1
30/06/2014	15.2	7.6	2.7	150	586	60.1	33.2	18.1	1.5	88.0	2.1	231	0.6	519	42	<40	<1.0	14	<5	2.2
27/10/2014	14.2	7.6	1.8	168	583	58.6	32.5	17.8	1.4	88.1	2.1	232	0.6	540	<50	<40	<1.0	<10	<5	2.5
23/02/2015	13.4	7.7	4.4	174	591	60.0	33.0	19.7	2.0	94.1	2.1	224	0.5	534	36	<40	<1.0	60	<5	2.5
15/06/2015	15.8	7.6	2.7	153	587	58.4	32.8	19.4	1.5	90.6	2.2	233	0.70	580	<50	<40	<1.0	<10	<5	2.4
12/10/2015	14.7	7.7	2.3	197	587	61.6	33.8	18.3	1.0	88.4	2.1	229	<0.5	560	<50	<40	<1.0	<10	<5	2.1
22/02/2016	13.4	7.6	2.1	163	589	63.1	34.3	21.2	1.8	91.4	2.1	227	0.6	620	<50	<40	<1.0	<10	<5	2.0
13/06/2016	14.5	7.6	2.2	168	613	62.3	33.9	22.8	1.6	101.0	2.0	222	0.5	640	<50	60	<1.0	<10	<5	1.9
03/10/2016	14.2	7.6	1.8	-5	618	61.6	33.2	22.3	1.5	103.3	1.9	221	<0.5	670	70	<40	<1.0	<10	<5	2.4
08/03/2017	13.9	7.6	3.1	173	615	64.2	33.7	25.3	1.6	111.5	1.7	213	<0.5	690	250	<40	<1.0	<10	<5	2.1
19/06/2017	14.9	7.7	1.9	186	647	62.7	33.4	26.6	1.7	112.0	1.6	212	<0.5	700	310	<40	<1.0	<10	<5	0.6
17/10/2017	13.8	7.7	2.1	93	646	60.5	33.2	27.5	1.8	116.0	1.8	220	0.5	710	200	<40	<1.0	<10	<5	4.7
27/11/2017	13.6	7.7	1.9	83	643	63.3	33.1	27.6	1.8	115.2	1.7	208	<0.5	720	300	<40	<1.0	<10	<5	2.0
07/05/2018	14.5	7.6	2.5	139	663	61.8	33.5	28.9	1.8	124.0	1.4	203	<0.5	810	360	<40	<1.0	13	<5	0.7
09/07/2018	15.1	7.7	1.8	-31	671	64.6	33.6	30.3	1.7	136.0	1.3	203	<0.5	870	350	<40	<1.0	91	<5	1.5

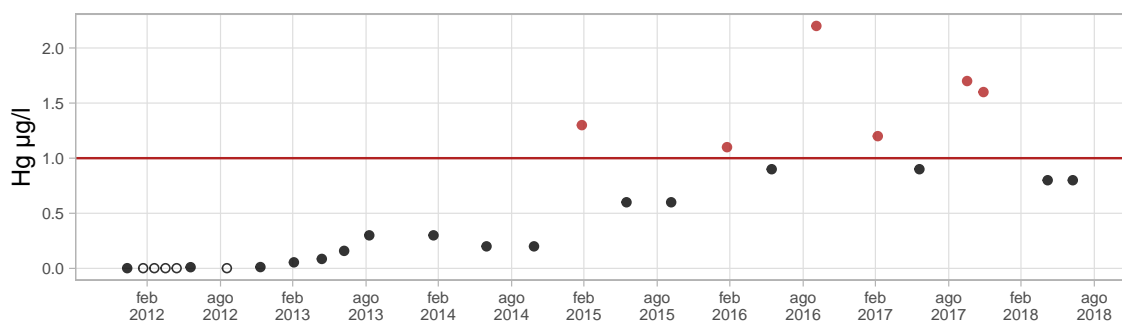
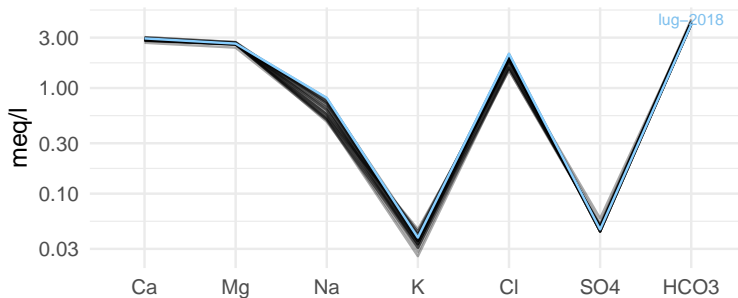


## 5.28 POZZO 6438 TREVISO, VIA DELL'ISOLA



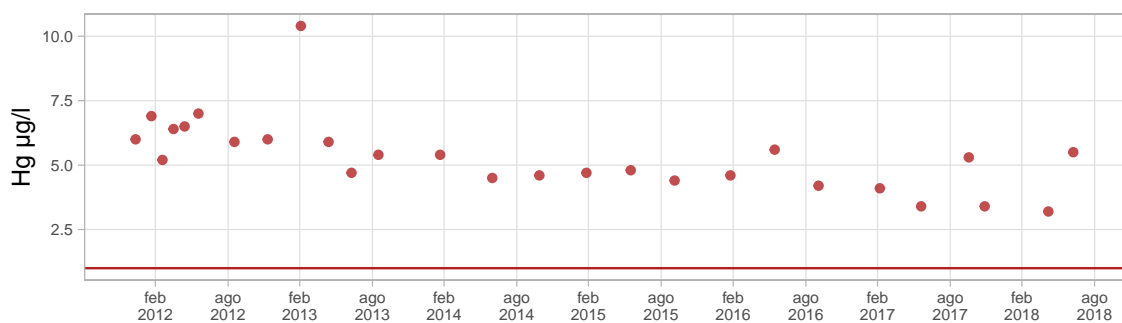
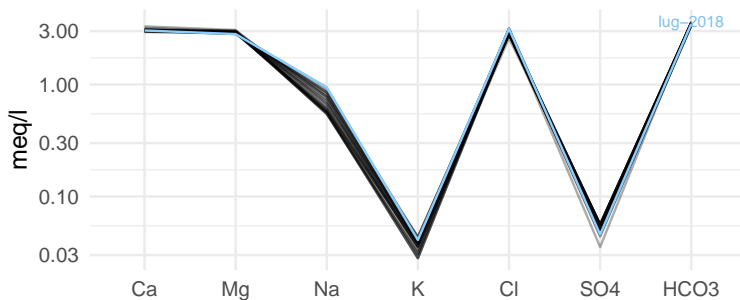
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
11/01/2012	13.9	7.7	2.5	97.1	615	63.7	35.5	16.2	1.3	100.0	2.6	229	0.7	527	197	<40	<1	10	<5	14.9
13/02/2012	14.0	7.6	2.2	135	591	64.6	35.7	16.6	1.4	102.0	2.7	231	<0.5	507	203	<40	<1	10	<5	13.9
12/03/2012	13.8	7.7	2.6	113.5	619	64.5	34.7	16.1	1.1	102.0	2.7	235	<0.5	530	223	<40	<1	128	<5	13.6
10/04/2012	13.8	7.7	4.8	106	611	63.9	35.4	16.4	1.2	100.0	2.7	233	<0.5	546	203	<40	<1	87	<5	10.3
08/05/2012	14.7	7.7	1.9	93	607	62.9	35.2	16.6	1.1	104.0	2.7	236	<0.5	589	225	<40	<1	23	<5	13.6
13/06/2012	14.7	7.7	4.2	137	618	62.7	35.5	17.0	1.5	101.5	2.7	235	<0.5	700	249	<40	<1	13	<5	6.3
10/09/2012	14.9	7.6	2.2	114	619	65.1	35.0	17.1	1.5	105.2	2.6	231	<0.5	596	248	<40	<1	65	<5	13.4
03/12/2012	13.4	7.6	5.7	147	621	63.7	35.1	17.4	1.6	105.5	2.7	230	<0.5	647	258	<40	<1	68	<5	11.8
25/02/2013	13.5	7.8	5.5	109	618	56.8	38.6	16.2	1.4	95.0	2.6	226	<0.5	647	285	<40	<1.0	88	<5	9.5
06/05/2013	14.2	7.7	1.6	36	620	62.8	35.2	18.5	1.6	102.5	2.6	227	<0.5	633	298	<40	<1.0	119	<5	10.7
03/07/2013	15.0	7.6	4.3	68	607	63.0	35.0	18.9	1.6	109.0	2.7	236	<0.5	636	293	<40	<1.0	154	<5	9.3
03/09/2013	14.4	7.6	2.6	-81	620	63.2	35.2	19.5	1.8	98.8	2.5	222	<0.5	683	343	<40	<1.0	572	<5	7.8
27/11/2017	12.7	7.7	1.8	-65	621	61.0	32.6	28.8	1.8	102.7	2.5	222	<0.5	600	250	<40	<1.0	785	<5	4.8
07/05/2018	14.9	7.7	5.4	-94	620	58.5	33.1	27.2	1.8	98.0	2.8	233	<0.5	850	220	<40	<1.0	698	<5	4.3
09/07/2018	16.7	7.7	2.6	-42	616	61.4	32.9	28.3	1.8	105.1	2.7	233	<0.5	640	210	48	<1.0	260	<5	4.0

## 5.29 POZZO 6488 TREVISO, VIA COMUNALE SAN VITALE



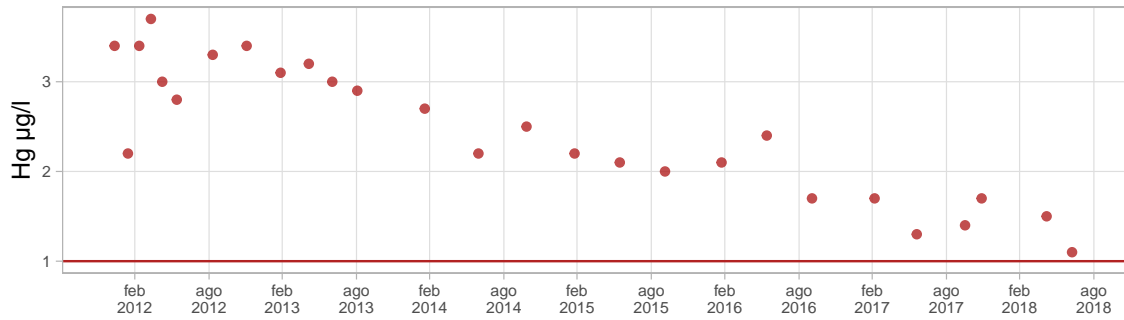
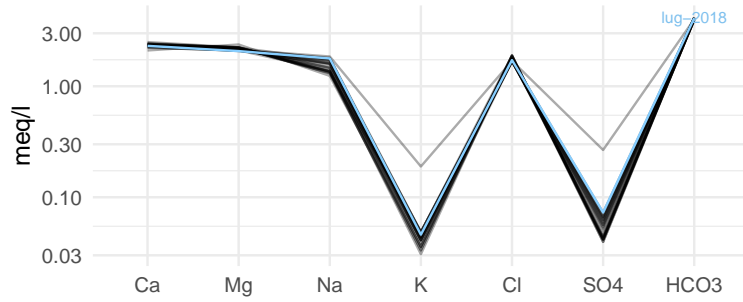
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
11/01/2012	13.3	7.6	3.9	190.6	516	56.7	31.6	11.5	1.1	55.5	2.3	254	<0.5	283	<20	<40	<1	<10	<5	0.002
20/02/2012	12.8	7.7	4.4	234	514	56.4	31.2	12.0	1.8	56.0	2.3	258	<0.5	275	<20	<40	<1	<10	<5	<0.002
19/03/2012	13.6	7.6	2.7	218	516	53.7	29.3	11.4	1.0	54.8	2.4	256	<0.5	290	<20	<40	<1	<10	<5	<0.002
16/04/2012	13.6	7.6	4.4	159	510	56.3	31.3	11.6	1.2	52.1	2.3	273	<0.5	273	<20	<40	<1	<10	<5	<0.002
14/05/2012	14.2	7.7	5.5	176	503	55.8	31.6	11.8	1.4	52.3	2.4	264	0.5	305	<20	45	<1	<10	<5	<0.002
18/06/2012	14.6	7.7	2.4	NA	510	56.9	31.7	11.0	1.3	55.5	2.3	258	<0.5	320	<20	<40	<1	<10	<5	0.011
17/09/2012	14.4	7.6	1.3	298	517	57.1	31.4	12.1	1.2	56.5	2.4	256	<0.5	287	<20	<40	<1	<10	<5	<0.002
10/12/2012	13.1	7.6	4.4	132	529	57.3	31.9	12.4	1.3	61.6	2.3	254	<0.5	370	<20	<40	<1	<10	<5	0.012
04/03/2013	12.7	7.7	4.0	122	526	56.6	31.4	12.9	1.6	61.3	2.3	252	<0.5	378	<20	<40	<1.0	10	<5	0.055
13/05/2013	14.0	7.6	1.8	118	523	60.8	33.0	13.0	1.7	65.0	2.5	256	<0.5	379	<20	<40	<1.0	13	<5	0.086
08/07/2013	14.9	7.6	2.0	179	523	57.1	31.7	12.9	1.3	64.0	2.3	252	<0.5	393	<20	<40	<1.0	11	<5	0.159
09/09/2013	15.1	7.6	4.0	158	515	58.0	32.3	13.4	1.3	61.7	2.8	255	<0.5	405	<20	<40	<1.0	13	<5	0.3
17/02/2014	13.8	7.6	2.3	NA	539	58.4	32.5	14.1	1.7	62.3	2.3	250	<0.5	412	<20	57	<1.0	25	<5	0.3
30/06/2014	14.6	7.6	4.2	98	546	58.5	32.5	14.3	1.4	66.8	2.1	249	0.5	392	<20	<40	<1.0	26	<5	0.2
27/10/2014	13.7	7.6	1.8	173	544	58.0	32.4	14.3	1.3	67.6	2.2	249	<0.5	450	<50	<40	<1.0	11	13	0.2
24/02/2015	13.5	7.7	5.8	193	545	58.6	32.3	15.0	1.4	67.3	2.2	247	<0.5	392	<20	<40	<1.0	90	<5	1.3
16/06/2015	14.4	7.6	1.9	84	543	59.3	32.7	15.5	1.4	67.8	2.1	251	<0.5	430	<50	<40	<1.0	35	<5	0.6
06/10/2015	14.2	7.6	1.7	42	545	57.4	31.3	15.2	1.2	70.8	2.1	246	<0.5	440	<50	<40	<1.0	20	<5	0.6
23/02/2016	13.6	7.6	3.0	139	537	60.8	33.1	16.4	1.6	66.5	2.2	256	<0.5	430	<50	40	<1.0	<10	<5	1.1
14/06/2016	14.8	7.7	1.9	131	557	59.8	33.0	16.3	1.4	73.1	2.2	246	<0.5	450	<50	<40	<1.0	27	<5	0.9
04/10/2016	14.2	7.6	1.6	186	552	57.9	32.1	16.4	1.5	73.3	2.1	244	<0.5	460	<50	<40	<1.0	24	<5	2.2
07/03/2017	13.9	7.6	3.1	174	526	59.8	32.1	17.0	1.4	71.1	2.2	246	<0.5	430	<50	<40	<1.0	<10	<5	1.2
19/06/2017	15.3	7.7	2.1	128	543	57.6	31.6	17.0	1.4	68.5	2.1	246	<0.5	380	<50	<40	<1.0	<10	<5	0.9
17/10/2017	14.1	7.7	4.7	235	558	56.5	31.7	17.5	1.4	69.5	2.2	243	<0.5	440	<50	<40	<1.0	<10	<5	1.7
27/11/2017	13.5	7.7	2.7	161	550	59.2	31.7	17.7	1.5	71.6	2.1	242	<0.5	440	<50	<40	<1.0	<10	<5	1.6
07/05/2018	15.0	7.7	5.3	255	546	56.4	31.8	18.1	1.6	69.9	2.1	248	<0.5	560	<50	<40	<1.0	<10	<5	0.8
09/07/2018	14.9	7.7	1.5	108	552	59.1	32.0	18.5	1.5	74.8	2.2	244	<0.5	470	<50	41	<1.0	<10	<5	0.8

## 5.30 POZZO 6516 TREVISO, VIA SAN TROVASO



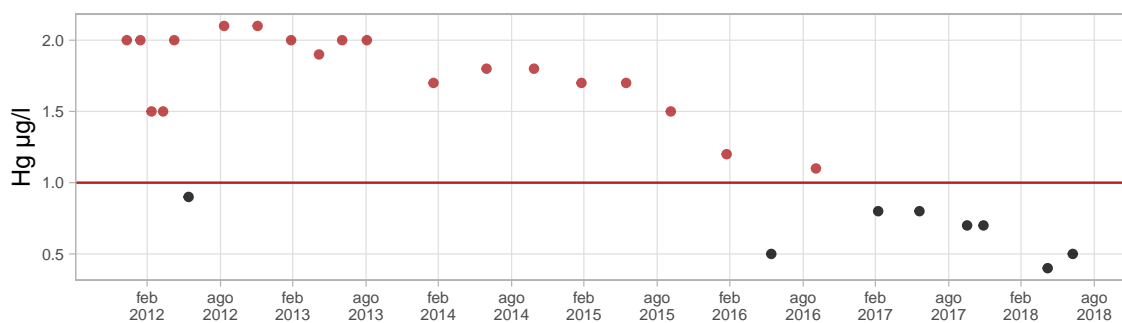
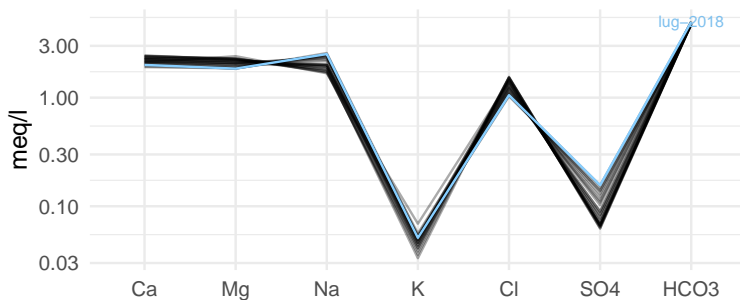
data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
11/01/2012	13.7	7.7	2.4	-15.9	595	61.4	35.9	12.5	1.2	102.2	2.7	217	<0.5	544	269	<40	<1	208	<5	6.0
20/02/2012	12.0	7.7	1.7	-36	598	61.6	36.9	13.1	1.1	103.5	2.7	213	<0.5	493	268	<40	<1	392	<5	6.9
19/03/2012	14.2	7.7	2.1	-46.2	603	61.6	35.7	12.6	1.2	103.5	1.7	224	<0.5	572	298	<40	<1	447	<5	5.2
16/04/2012	14.1	7.7	1.6	-32	600	61.9	36.2	12.6	1.1	102.0	2.7	218	<0.5	575	301	<40	<1	448	<5	6.4
14/05/2012	15.0	7.7	1.8	-53	596	61.5	36.5	12.8	1.1	104.5	2.7	215	<0.5	623	301	<40	<1	505	<5	6.5
18/06/2012	16.5	7.7	2.5	-45	594	59.9	35.5	13.0	1.2	105.6	2.7	215	<0.5	627	327	<40	<1	384	<5	7.0
17/09/2012	15.4	7.7	2.0	-26	596	61.7	35.6	13.1	1.3	102.8	2.7	216	<0.5	599	307	<40	<1	326	<5	5.9
10/12/2012	13.1	7.6	1.8	-12.8	599	60.8	35.6	13.4	1.4	98.5	2.7	217	<0.5	654	296	<40	<1	370	<5	6.0
04/03/2013	14.0	NA	2.2	-28	NA	59.5	34.7	13.5	1.4	92.0	2.7	NA	<0.5	636	301	<40	<1.0	338	<5	10.4
13/05/2013	15.0	7.6	1.9	-82	583	59.7	35.3	13.9	1.4	103.5	2.7	217	<0.5	610	281	<20	<1.0	472	<5	5.9
10/07/2013	15.7	7.7	2.1	4	583	60.0	35.0	13.9	1.4	100.0	2.6	215	<0.5	622	289	<40	<1.0	230	<5	4.7
16/09/2013	15.2	7.7	2.5	-53	591	60.1	35.4	14.3	1.5	99.3	2.5	214	<0.5	680	318	<40	<1.0	307	<5	5.4
19/02/2014	13.9	7.6	2.8	-49	593	60.4	35.3	14.8	1.4	99.5	2.6	217	<0.5	624	354	<40	<1.0	402	<5	5.4
01/07/2014	16.2	7.7	2.6	-87	605	61.2	35.6	15.5	1.7	103.1	2.4	215	<0.5	601	337	41	<1.0	290	<5	4.5
28/10/2014	14.5	7.6	3.8	-48	598	66.3	37.3	15.4	1.5	100.8	2.4	217	<0.5	630	290	<40	<1.0	341	<5	4.6
24/02/2015	13.7	7.7	3.1	-16	595	60.5	35.0	16.1	1.5	98.3	2.4	209	<0.5	591	307	<40	<1.0	360	<5	4.7
16/06/2015	15.6	7.7	1.7	-107	600	61.9	35.7	16.6	1.5	100.4	2.4	216	<0.5	650	280	<40	<1.0	304	<5	4.8
05/10/2015	14.7	7.7	2.2	-106	599	60.7	34.6	16.9	1.3	102.5	2.3	212	<0.5	650	330	<40	<1.0	480	<5	4.4
23/02/2016	14.2	7.6	1.7	-121	605	64.3	36.6	17.8	1.7	100	2.4	207	<5.0	700	310	40	<1.0	287	<5	4.6
14/06/2016	15.1	7.7	3.3	-20	617	62.7	36.2	17.9	1.5	111.9	2.3	207	<0.5	670	340	<40	<1.0	297	<5	5.6
03/10/2016	17.3	7.7	1.9	-75	610	61.2	34.9	17.9	1.5	106.0	2.2	217	<0.5	690	340	<40	<1.0	406	<5	4.2
07/03/2017	14.2	7.6	1.7	-89	597	62.2	35.2	18.7	1.5	112.6	2.2	206	<0.5	710	340	<40	<1.0	391	<5	4.1
19/06/2017	16.1	7.7	1.8	-28	617	60.8	34.9	19.2	1.5	111.3	2.2	212	<0.5	630	310	<40	<1.0	206	<5	3.4
18/10/2017	14.5	7.7	2.0	-61	624	60.9	34.8	19.6	1.6	110.0	2.3	213	<0.5	700	340	<40	<1.0	235	<5	5.3
27/11/2017	13.7	7.7	2.3	-45	614	61.5	34.5	19.7	1.7	106.3	2.2	202	<0.5	650	330	<40	<1.0	246	<5	3.4
07/05/2018	15.7	7.7	2.3	-71	611	59.0	34.7	20.5	1.6	106.3	2.1	206	<0.5	790	310	<40	<1.0	298	<5	3.2
09/07/2018	16.4	7.7	3.9	-97	606	60.9	34.3	21.6	1.6	111.5	2.2	212	<0.5	680	270	<40	<1.0	360	<5	5.5

### 5.31 POZZO 6563 TREVISO, VIA SALOMONI



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
11/01/2012	13.8	7.7	2.0	34.0	530	48.0	27.1	31.2	1.4	67.4	1.9	245	<0.5	348	133	<40	<1	92.4	<5	3.4
13/02/2012	13.8	7.7	2.5	115	507	48.2	27.2	31.3	1.5	65.8	2.0	242	<0.5	358	145	<40	<1	100	<5	2.2
12/03/2012	14.3	7.7	2.6	75.3	532	48.5	26.7	31.0	1.2	66.0	2.0	244	<0.5	363	153	<40	<1	85	<5	3.4
10/04/2012	14.4	7.7	3.1	36	525	48.2	27.2	30.3	1.3	64.9	1.9	244	<0.5	366	133	<40	<1	96	<5	3.7
08/05/2012	15.5	7.7	1.8	19	523	47.2	27.3	30.0	1.3	67.5	2.0	249	<0.5	397	141	<40	<1	117	<5	3.0
13/06/2012	16.8	7.7	2.7	145	532	47.4	27.3	30.2	1.9	67.0	2.1	245	<0.5	483	153	<40	<1	89	<5	2.8
10/09/2012	NA	7.7	2.9	136	530	50.1	27.2	31.2	1.6	66.8	2.0	241	<0.5	399	145	<40	<1	75	<5	3.3
03/12/2012	14.0	7.7	1.6	48	530	48.0	26.9	32.0	1.8	66.0	2.0	248	<0.5	416	145	<40	<1	168	<5	3.4
25/02/2013	13.5	7.7	1.9	-30	523	42.1	28.9	28.5	1.4	62.2	2.0	246	<0.5	374	146	<40	<1.0	92	<5	3.1
06/05/2013	15.1	7.7	1.3	-26	525	46.7	26.6	33.5	1.6	62.3	2.1	251	<0.5	396	157	<40	<1.0	166	<5	3.2
03/07/2013	16.7	7.7	1.2	106	510	46.9	26.4	33.7	1.6	60.0	2.2	255	<0.5	391	149	<40	<1.0	65	<5	3.0
03/09/2013	16.4	7.7	3.9	-41	522	47.2	26.7	33.9	1.8	62.7	2.1	241	<0.5	407	166	<40	<1.0	90	<5	2.9
17/02/2014	14.2	7.9	3.5	NA	557	46.3	25.9	42.6	7.4	60.0	12.8	245	1.7	387	154	124	<1.0	99	<5	2.7
30/06/2014	16.2	7.7	3.2	-12	530	46.7	26.3	35.7	1.8	60.5	2.4	249	<0.5	365	139	42	<1.0	56	<5	2.2
27/10/2014	14.6	7.7	1.7	45	521	46.1	26.1	38.7	1.7	60.5	2.5	250	<0.5	380	120	<40	<1.0	123	<5	2.5
23/02/2015	14.1	7.7	5.4	51	522	46.0	25.8	36.6	1.9	59.4	2.6	250	<0.5	336	122	<40	<1.0	60	<5	2.2
15/06/2015	16.7	7.7	2.2	36	521	44.9	25.6	36.8	1.6	59.7	2.7	251	<0.5	380	110	<40	<1.0	62	<5	2.1
05/10/2015	15.7	7.8	3.2	42	520	46.1	25.6	31.7	1.4	59.3	2.7	253	<0.5	400	140	<40	<1.0	110	<5	2.0
22/02/2016	14.1	7.7	2.4	28	521	49.1	27.0	40.2	1.9	62.0	2.8	253	<0.5	400	110	<40	<1.0	55	<5	2.1
13/06/2016	15.6	7.7	2.8	-18	532	47.7	26.4	37.2	1.7	59.5	2.9	248	<0.5	400	120	43	<1.0	65	<5	2.4
03/10/2016	15.6	7.7	1.7	45	526	46.2	25.5	36.9	1.7	58.9	3.0	255	<0.5	380	130	<40	<1.0	46	<5	1.7
07/03/2017	14.7	7.6	1.8	-8	513	47.2	25.8	40.8	1.8	62.3	3.0	244	<0.5	400	120	<40	<1.0	48	<5	1.7
19/06/2017	16.8	7.7	2.5	142	528	45.8	25.6	39.1	1.7	61.0	3.1	251	<0.5	370	90	<40	<1.0	62	<5	1.3
17/10/2017	15.1	7.7	2.8	40	539	44.6	25.4	40.3	1.6	60.4	3.2	246	<0.5	390	110	<40	<1.0	45	<5	1.4
27/11/2017	13.7	7.7	2.3	90	528	46.6	25.3	39.3	1.9	62.4	3.2	236	<0.5	380	110	<40	<1.0	72	<5	1.7
07/05/2018	15.9	7.8	2.4	82	526	44.6	25.5	41.5	1.9	60.2	3.3	252	<0.5	450	110	<40	<1.0	65	<5	1.5
09/07/2018	17.4	7.7	1.8	35	523	46.3	25.2	40.9	1.8	61.0	3.5	251	<0.5	370	90	<40	<1.0	58	<5	1.1

## 5.32 POZZO 6573 TREVISO, VIA NOALESE



data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO4 mg/l	HCO3 mg/l	NO3 mg/l	Br µg/l	I µg/l	NH4 µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
10/01/2012	14.3	7.7	3.1	154.5	552	48.2	28.0	39.2	1.6	54.4	3.0	300	<0.5	267	32	<40	<1	<10	<5	2.0
13/02/2012	13.8	7.7	3.4	195	529	47.7	27.5	39.9	1.5	55.2	3.1	288	<0.5	263	34	<40	<1	<10	<5	2.0
12/03/2012	14.3	7.7	2.3	228.1	555	48.6	27.6	41.5	1.3	54.4	3.0	288	<0.5	274	32	<40	<1	<10	<5	1.5
10/04/2012	14.5	7.7	1.1	155	546	48.2	27.9	40.0	1.6	53.2	3.1	292	<0.5	276	36	<40	<1	<10	<5	1.5
08/05/2012	14.9	7.7	2.1	223	543	46.5	27.5	41.5	1.4	54.1	3.2	291	<0.5	305	36	<40	<1	<10	<5	2.0
13/06/2012	16.3	7.7	2.0	148	553	46.5	27.4	44.0	1.8	54.1	3.2	294	<0.5	368	33	<40	<1	<10	<5	0.9
10/09/2012	15.2	7.6	1.7	259	550	49.1	27.1	44.1	1.7	51.8	3.2	293	<0.5	298	35	<40	<1	<10	<5	2.1
03/12/2012	14.2	7.7	2.1	242	548	46.7	26.8	42.0	2.0	51.5	3.2	291	<0.5	319	<20	<40	<1	<10	<5	2.1
25/02/2013	<1.0	7.7	2.5	192	541	42.1	29.3	38.5	2.7	50.0	3.2	287	<0.5	279	25	<40	<1.0	<10	<5	2.0
06/05/2013	14.9	7.7	1.8	116	543	45.4	26.6	45.8	1.8	50.0	3.3	294	<0.5	296	43	<40	<1.0	<10	<5	1.9
03/07/2013	15.8	7.6	1.9	242	527	45.6	26.4	44.0	1.8	49.1	3.4	297	<0.5	290	42	<40	<1.0	<10	<5	2.0
03/09/2013	15.3	7.7	3.3	146	536	45.3	26.3	46.2	2.1	49.1	3.4	290	<0.5	311	34	<40	<1.0	<10	<5	2.0
17/02/2014	14.6	7.7	3.4	NA	538	45.0	26.1	46.4	2.0	47.6	3.7	298	<0.5	281	55	44	<1.0	<10	<5	1.7
30/06/2014	15.5	7.7	2.9	170	542	43.9	25.4	51.3	2.0	46.1	3.7	294	<0.5	259	30	<40	<1.0	<10	<5	1.8
27/10/2014	14.6	7.7	2.5	259	537	43.6	25.3	46.0	1.9	45.7	4.0	296	<0.5	270	<50	<40	<1.0	<10	<5	1.8
23/02/2015	14.2	7.7	4.6	163	533	43.6	25.2	54.3	2.0	44.4	4.0	291	<0.5	226	34	<40	<1.0	<10	<5	1.7
15/06/2015	15.5	7.7	2.3	167	534	41.8	24.6	49.8	1.9	43.8	4.3	297	<0.5	270	<50	<40	<1.0	<10	<5	1.7
05/10/2015	14.9	7.7	2.1	188	531	43.1	24.5	45.7	1.7	42.7	4.3	297	<0.5	270	<50	<40	<1.0	<10	<5	1.5
22/02/2016	14.3	7.7	3.7	164	529	45.0	25.4	52.8	2.2	43.0	4.9	299	<0.5	280	<50	<40	<1.0	<10	<5	1.2
13/06/2016	15.2	7.7	3.1	217	537	42.7	24.4	55.4	2.0	41.2	5.2	300	<0.5	260	<50	<40	<1.0	<10	<5	0.5
03/10/2016	15.5	7.7	2.2	145	532	41.5	23.5	53.8	1.9	40.1	5.4	308	<0.5	250	<50	<40	<1.0	<10	<5	1.1
08/03/2017	14.7	7.7	2.9	147	515	42.5	23.4	56.5	2.0	39.5	5.8	305	<0.5	270	<50	<40	<1.0	<10	<5	0.8
19/06/2017	16.0	7.9	3.4	213	531	40.2	23.0	57.1	2.0	38.7	6.2	304	<0.5	230	<50	<40	<1.0	<10	<5	0.8
17/10/2017	16.3	7.8	2.4	181	540	38.8	22.8	57.3	2.0	38.1	6.6	287	<0.5	230	<50	<40	<1.0	<10	<5	0.7
27/11/2017	14.2	7.8	2.6	193	528	40.7	22.5	59.2	2.1	37.6	6.7	282	<0.5	210	<50	<40	<1.0	<10	<5	0.7
07/05/2018	15.5	7.7	2.7	181	525	38.3	22.6	56.3	2.0	36.5	7.1	293	<0.5	220	<50	<40	<1.0	<10	<5	0.4
09/07/2018	15.9	7.7	2.2	134	525	40.1	22.5	57.9	2.0	37.4	7.5	304	<0.5	300	<50	<40	<1.0	<10	<5	0.5



# RISULTATI CAMPAGNA

comune	pozzo	data	T °C	pH	DO mg/l	Eh mV	CE µS/cm	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Cl mg/l	SO <sub>4</sub> mg/l	HCO <sub>3</sub> mg/l	NO <sub>3</sub> mg/l	Br µg/l	I µg/l	NH <sub>4</sub> µg/l	As µg/l	Fe µg/l	Mn µg/l	Hg µg/l
Casier	6006	10/07/2018	17.4	7.9	2.1	172	398	38.6	24.6	17.7	1.7	33.2	3.1	213	0.4	250	<50	60	<1.0	<10	<5	<0.002
	6076	10/07/2018	18.6	7.9	3.8	113	349	31.1	20.1	26.0	1.8	2.9	21.0	219	<0.5	<100	<50	40	<1.0	41	<5	0.002
	6163	10/07/2018	17.4	7.9	2.5	-47	462	37.4	23.7	34.6	2.1	59.0	1.4	209	<0.5	410	90	<40	<1.0	271	<5	0.3
	6171	10/07/2018	17.0	7.9	2.2	-132	461	38.3	24.5	32.5	2.1	59.7	1.4	206	<0.5	400	130	46	1.0	287	<5	0.085
Mogliano Veneto	6664	09/07/2018	19.7	7.8	2.5	8	480	51.3	31.0	10.7	1.7	59.7	4.4	218	<0.5	390	<50	<40	<1.0	80	<5	0.002
Preganziol	6001	10/07/2018	15.8	7.7	2.4	-72	575	58.4	35.5	13.3	1.5	96.9	2.5	213	<0.5	610	180	70	<1.0	366	<5	5.0
	6033	09/07/2018	16.8	7.9	4.7	123	447	39.7	23.9	31.5	1.9	43.3	2.0	237	<0.5	280	<50	<40	<1.0	18	<5	0.034
	6036	10/07/2018	17.4	8.1	2.1	-121	363	38.0	22.4	14.7	1.8	21.0	4.6	214	<0.5	120	<50	290	<1.0	15	18	<0.002
	6132	10/07/2018	16.7	7.8	2.0	-97	485	38.0	22.4	45.4	1.9	56.0	1.7	237	<0.5	330	80	40	<1.0	248	<5	0.2
	6200	10/07/2018	16.2	7.7	4.6	198	400	45.5	27.6	8.4	1.2	15.0	5.2	252	3.8	<100	<50	77	<1.0	<10	<5	<0.002
	6257	10/07/2018	16.7	7.7	2.5	-82	560	56.3	34.4	14.4	1.5	89.1	2.4	216	<0.5	620	180	<40	<1.0	324	<5	3.2
	6297	10/07/2018	17.6	7.7	2.8	-130	617	61.4	34.3	20.3	1.6	115.2	1.4	204	<0.5	760	330	<40	<1.0	608	<5	7.9
	6598	09/07/2018	17.0	7.7	1.6	35	544	56.3	34.9	11.9	1.6	86.4	2.8	213	<0.5	530	190	<40	<1.0	59	21	1.8
	6606	09/07/2018	17.5	7.8	4.5	172	443	45.6	28.7	14.1	1.8	49.3	3.2	218	<0.5	310	<50	<40	<1.0	10	<5	<0.002
	6642	10/07/2018	17.1	7.7	1.5	-35	521	53.8	33.6	11.1	1.6	79.9	3.1	212	<0.5	500	140	55	<1.0	99	<5	2.3
Quinto di Treviso	6027	09/07/2018	15.0	7.6	1.7	-74	526	61.8	30.0	15.7	1.5	58.7	3.6	261	<0.5	430	120	43	<1.0	264	<5	1.7
	6187	09/07/2018	15.6	7.7	1.3	-76	526	43.3	23.1	52.0	2.0	48.0	10.0	277	<0.5	270	50	42	<1.0	320	<5	1.3
	6326	09/07/2018	16.2	7.7	6.4	208	431	55.3	29.1	7.2	1.2	4.5	5.1	299	4.8	<100	<50	<40	<1.0	<10	<5	<0.002
	6332	09/07/2018	15.6	7.7	3.0	155	551	62.1	31.5	16.3	1.5	70.5	3.0	252	<0.5	430	70	40	<1.0	<10	<5	1.5
	6478	09/07/2018	15.7	7.6	2.2	230	438	56.0	28.1	9.2	1.4	12.1	14.0	284	0.9	<100	<50	<40	<1.0	<10	<5	<0.002
	6532	09/07/2018	15.4	7.6	3.2	152	522	59.9	29.1	19.3	1.5	54.2	3.3	269	0.7	320	<50	<40	<1.0	<10	<5	0.2
	6564	09/07/2018	23.5	7.8	3.6	10	528	35.6	18.5	68.7	1.8	51.2	12.5	268	<0.5	320	150	<40	<1.0	154	<5	0.5
Treviso	6061	10/07/2018	14.8	7.6	4.9	197	456	53.4	30.0	9.7	1.2	24.8	3.6	278	3.3	130	<50	140	<1.0	15	<5	<0.002
	6085	09/07/2018	15.9	7.9	2.4	-68	367	31.1	18.0	32.0	1.3	19.9	11.3	211	<0.5	120	50	40	<1.0	99	<5	0.087
	6383	09/07/2018	16.5	7.9	2.8	145	373	38.0	24.2	16.4	1.5	15.2	10.8	227	0.5	<100	<50	<40	<1.0	<10	<5	0.003
	6385	09/07/2018	16.3	7.9	1.7	140	371	35.2	21.2	24.2	1.5	14.4	19.3	218	<0.5	<100	<50	<40	<1.0	59	<5	<0.002
	6386	09/07/2018	15.1	7.7	1.8	-31	671	64.6	33.6	30.3	1.7	136.0	1.3	203	<0.5	870	350	<40	<1.0	91	<5	1.5
	6438	09/07/2018	16.7	7.7	2.6	-42	616	61.4	32.9	28.3	1.8	105.1	2.7	233	<0.5	640	210	48	<1.0	260	<5	4.0
	6488	09/07/2018	14.9	7.7	1.5	108	552	59.1	32.0	18.5	1.5	74.8	2.2	244	<0.5	470	<50	41	<1.0	<10	<5	0.8
	6516	09/07/2018	16.4	7.7	3.9	-97	606	60.9	34.3	21.6	1.6	111.5	2.2	212	<0.5	680	270	<40	<1.0	360	<5	5.5
	6563	09/07/2018	17.4	7.7	1.8	35	523	46.3	25.2	40.9	1.8	61.0	3.5	251	<0.5	370	90	<40	<1.0	58	<5	1.1
	6573	09/07/2018	15.9	7.7	2.2	134	525	40.1	22.5	57.9	2.0	37.4	7.5	304	<0.5	300	<50	<40	<1.0	<10	<5	0.5

Tabella 4: Risultati analitici della campagna di luglio 2018.

# B

## RISULTATI TEST DI MANN KENDALL

La verifica statistica della presenza di un trend nella concentrazione di mercurio nel singolo pozzo è stata effettuata con il test non parametrico di Mann-Kendall.

È stato scelto il test di Mann-Kendall perché non richiede assunzioni sulla distribuzione statistica dei dati e può essere usato con dataset che includono intervalli di campionamento irregolari, dati mancanti e dati inferiori al limite di quantificazione (basta assegnare un valore comune che sia inferiore al più piccolo valore misurato nel dataset), è robusto rispetto all'eventuale presenza di *outliers*.

Il test di Mann-Kendall verifica l'esistenza di trend monotoni (lineari e non lineari), ma non quantifica l'entità del trend.

Considerato che la frequenza di campionamento dei dati utilizzati dovrebbe essere quanto più possibile uniforme sul periodo da testare e che il dataset in esame ha raggiunto una numerosità tale da permetterne l'omogeneizzazione, i dati di concentrazione per ciascun punto sono stati ricondotti ad una serie quadrimestrale utilizzando, nel caso ci fossero più osservazioni per uno stesso periodo, il valore massimo.

Il trend è risultato statisticamente significativo ( $p\text{-value} < 0.05$ ) e in aumento per i pozzi 6036, 6598 e 6488 (tabella 5).

Comune	pozzo	numero dati	S	p-value	tau	trend
Casier	6076	19	42	0.148	0.246	non significativo
Casier	6163	19	-88	0.001	-0.515	decrescente
Casier	6171	16	-84	0.000	-0.700	decrescente
Preganziol	6036	19	57	0.033	0.333	crescente
Preganziol	6200	19	15	0.566	0.088	non significativo
Preganziol	6257	19	-38	0.192	-0.222	non significativo
Preganziol	6598	16	61	0.007	0.508	crescente
Quinto di Treviso	6027	19	-112	0.000	-0.655	decrescente
Quinto di Treviso	6326	19	-17	0.539	-0.099	non significativo
Quinto di Treviso	6478	19	27	0.338	0.158	non significativo
Quinto di Treviso	6564	19	-35	0.232	-0.205	non significativo
Treviso	6061	19	33	0.208	0.193	non significativo
Treviso	6085	19	-51	0.074	-0.298	non significativo
Treviso	6383	19	21	0.414	0.123	non significativo
Treviso	6385	19	-24	0.415	-0.140	non significativo
Treviso	6386	19	-95	0.001	-0.556	decrescente
Treviso	6488	19	121	0.000	0.708	crescente
Treviso	6516	19	-87	0.003	-0.509	decrescente
Treviso	6563	19	-140	0.000	-0.819	decrescente
Treviso	6573	19	-139	0.000	-0.813	decrescente

Tabella 5: Risultati test di Mann-Kendall.

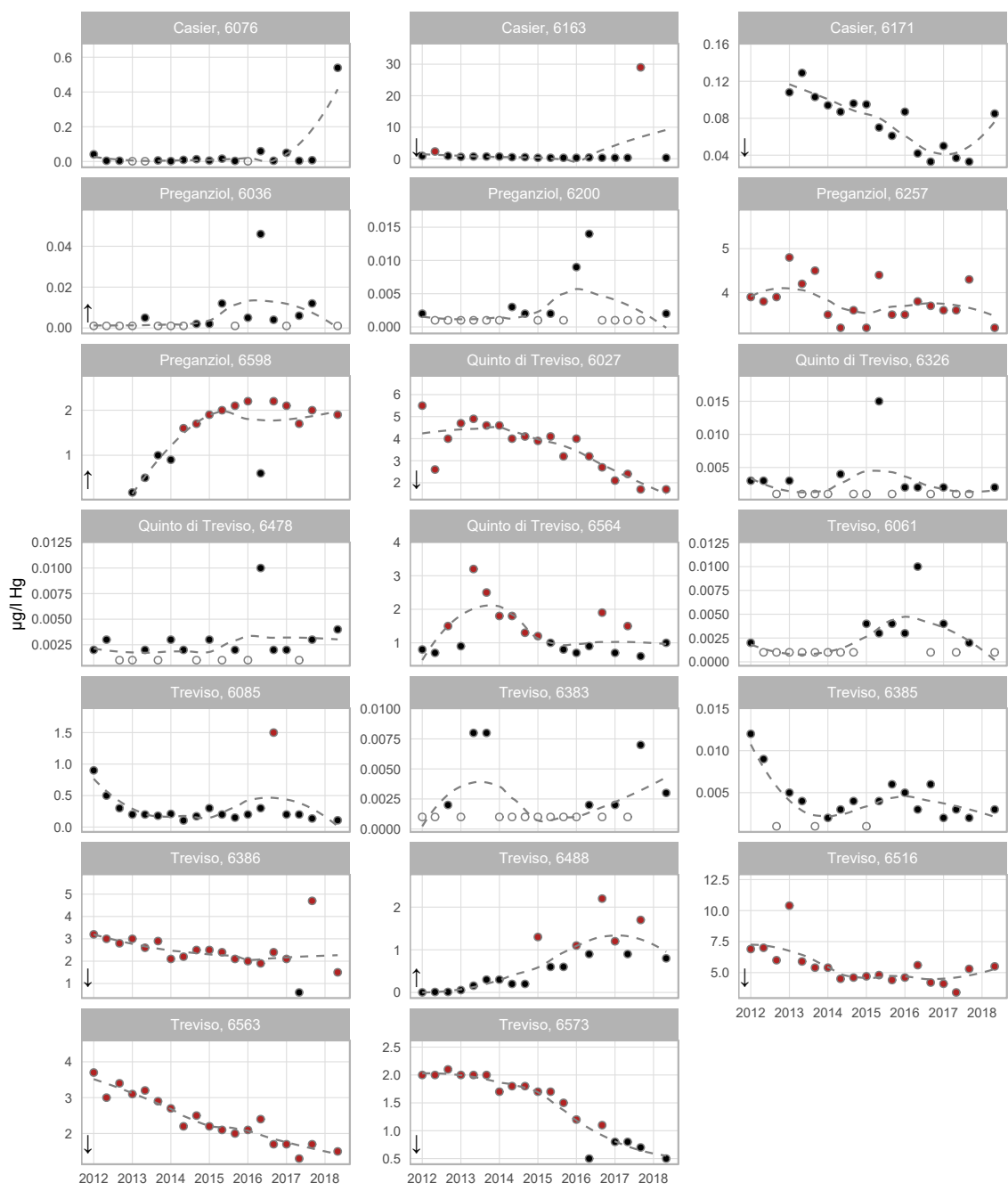


Figura 5: Andamento della concentrazione di mercurio in funzione del tempo dopo l' omogeneizzazione della frequenza di campionamento a quadrimestrale. Le frecce indicano l'esistenza di una tendenza (↑ tendenza crescente, ↓ tendenza decrescente), il colore rosso evidenzia i valori di concentrazione superiore al limite di 1 µg/l per le acque destinate al consumo umano.