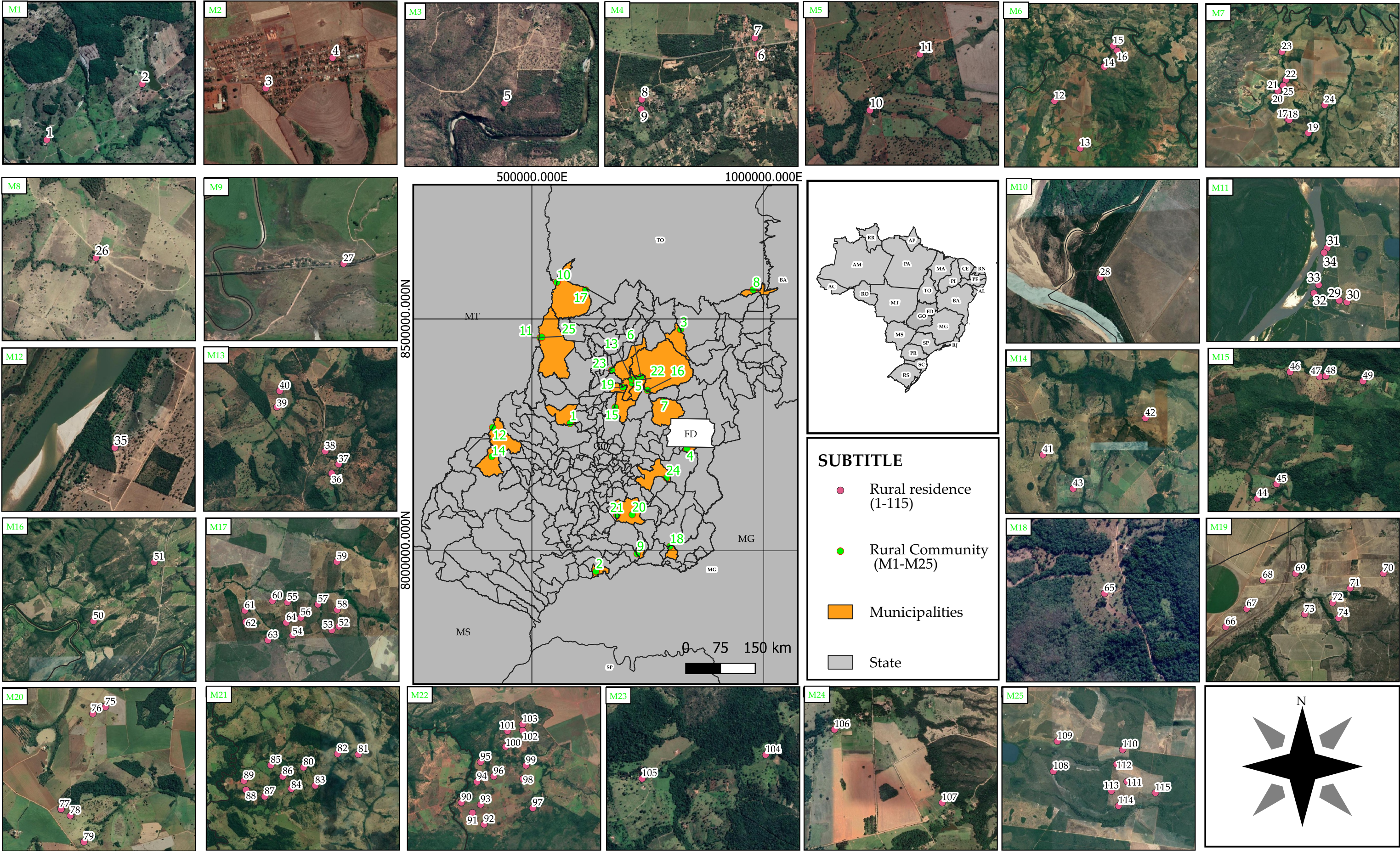


Supplementary material Figure S1- The 115 DSW were located in 25 communities at Brazilian state of Goiás, where data were collected with the aim to predict a contamination model due *Escherichia coli*



Rural Community: Água Limpa community = (M1); Córrego do Inhambú community = (M2), José de Coletto community = (M3), Mesquita community = (M4), Pombal community = (M5), Fazenda Santo Antônio da Laguna community = (M6), Sumidouro community = (M7), Taquarussu community = (M8), Arraial da Ponte = (M9), Fio Velasco = (M10), Landi = (M11), Registro do Araguaia = (M12), Engenho da Pontinha = (M13), Fortaleza = (M14), Itajá II = (M15), Julião Ribeiro = (M16), Lageado = (M17), Madre Cristina = (M18), Monte Moriá = (M19), Piracanjuba = (M20), Rochedo = (M21), Santa Fé da Laguna = (M22), São Lourenço = (M23), São Sebastião = (M24), Tarumã = (M25).

Supplementary material Table S1 - Response and predictor variables values, continuous and qualitative categorical.

Community		Response variable	Continuous predictor variables											Categorical predictor variables										
Name	Nº	<i>Escherichia coli</i>	Ap. color	Turb.	pH	Total coliforms	DSW depth	DSW diameter	Sidewalk width	Protection wall height	Dist. from pigsty to DSW	Dist. from hennery to DSW	Dist. from permeable SS to DSW	DSW coverage	Fence around DSW	Use of exclusive pump	Property flooding	Corral existence	Pigsty existence	Poultry farming	Hennery existence	Permeable SS existence	Soil type	Groundwater type
		(NMP/100mL)	(uC)	(NTU)		(NMP/100mL)	(m)	(m)	(m)	(m)	(m)	(m)	(m)											
Água Limpa (M1)	1	517.20	9.2	2.76	5.9	10482	7.0	2.0	0	0.25	39	DH	49	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	PV	fr5
	2	1299.70	0.2	0.38	5.8	2909	15.0	2.0	1.50	0.00	90	110	70	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	PV	fr5
Córrego do Inhambú (M2)	3	0.00	10.9	0.58	5.4	18.5	18.0	2.0	1.00	0.40	DH	85	5	Yes	No	Yes	No	No	No	Yes	Yes	Yes	L	fr4
	4	0.00	11	0.17	6.1	8.6	24.0	2.0	1.00	0.80	DH	DH	DH	Yes	No	Yes	No	No	No	No	DH	No	L	fr4
José de Coletto (M3)	5	7.30	6.6	22.8	6.3	1011.2	10.0	2.0	0	0.20	DH	DH	DH	Yes	No	Yes	No	No	No	No	DH	No	C	fr5
Mesquita (M4)	6	290.90	4.1	2.15	4.8	3448	18.0	1.2	0	0.28	DH	35	38	Yes	No	Yes	No	No	No	Yes	Yes	Yes	C	fr4
	7	20.30	94.7	9.8	4.7	76.7	25.0	1.2	0	0.30	32	40	32	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	L	fr4
	8	0.00	8	4.77	4.9	686.7	12.0	1.0	0.25	0.60	DH	DH	DH	Yes	No	Yes	No	No	No	No	DH	No	L	fr4
	9	103.90	4	11	5.7	993	9.0	1.0	0	0.20	DH	30	20	Yes	No	Yes	No	No	No	Yes	Yes	Yes	C	fr4
Pombal (M5)	10	0.00	9.4	0.72	6.4	410.6	6.0	0.6	3.00	0.00	59	DH	24	Yes	No	Yes	Yes	Yes	Yes	No	DH	Yes	L	fr5
	11	4.10	10.3	0.43	5.7	579.4	9.0	1.2	0	0.50	36	30	26	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
Santo Antônio da Laguna (M6)	12	0.00	17.6	13.9	6.5	307.6	7.0	1.2	0.84	0.26	DH	DH	20	Yes	No	Yes	No	No	No	No	DH	Yes	C	fr5
	13	4.10	0.4	0.54	6.5	2613	3.0	1.2	0	0.26	88	12	27	IM	No	Yes	No	No	Yes	Yes	Yes	Yes	C	fr5
	14	3076.00	8.8	3.91	6.6	8701	12.0	1.3	0.20	0.35	24	15	21	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	C	fr5
	15	116.90	4.7	3.18	6.7	980.4	14.0	1.2	0.30	0.60	15	44	10	Yes	1	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5
	16	0.00	1.2	0.85	6.6	24196	5.3	1.1	0	0.42	110	125	98	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	C	fr5
Sumidouro (M7)	17	129.10	27	6.6	8.0	2046	3.0	4.0	0	0.00	52	56	34	No	No	Yes	No	No	Yes	Yes	Yes	Yes	L	k4
	18	0.00	2.2	1.02	7.2	613.1	7.0	1.2	0	0.07	DH	DH	134	IM	No	Yes	No	No	No	No	DH	Yes	L	k4
	19	2.00	113	36.1	7.2	866.4	5.0	1.0	0.50	0.50	43	73	52	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	L	k4
	20	547.50	19.7	12.4	7.2	24196	9.0	1.5	0	0.70	36	DH	24	Yes	No	Yes	No	No	Yes	Yes	No	Yes	L	fr4
	21	2909.00	10.2	4.99	7.3	17329	11.0	1.5	0	0.50	22	DH	33	Yes	No	Yes	No	No	Yes	Yes	No	Yes	L	fr4
	22	59.00	11.1	9.14	7.0	24196	10.0	1.2	0	0.50	85	50	60	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	L	fr4
	23	111.20	57.5	75.5	7.2	906	4.5	1.0	0	0.32	91	DH	129	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	L	fr4
	24	13.10	5.9	3.12	7.0	7701	4.0	1.2	0	0.00	170	80	93	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr4
	25	157.80	0.6	0.3	8.0	9208	10.0	1.4	0	0.30	DH	86	100	IM	No	Yes	No	Yes	No	Yes	Yes	Yes	L	fr4
Taquarussu (M8)	26	98.60	6	0.5	6.6	4106	3.0	1.8	0	0.52	162	DH	180	No	No	Yes	No	Yes	Yes	Yes	No	Yes	C	fr4
Arraial da Ponte (M9)	27	8.50	5.9	1.57	6.1	24196	30.0	1.5	0.30	0.50	DH	DH	32	Yes	No	Yes	No	No	No	Yes	No	Yes	PV	fr5
Fio Velasco (M10)	28	1.00	129	37.1	5.5	178.5	8.0	1.5	0	0.50	DH	113	97	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	F	gr4
Landi (M11)	29	0.00	2.9	0.91	6.2	24196	12.0	1.4	2.00	0.28	DH	DH	10	IM	No	Yes	No	No	No	No	DH	Yes	F	gr5
	30	24.30	1.6	0.83	4.6	193.5	9.0	1.2	0	0.40	DH	42	23	IM	No	Yes	No	No	No	Yes	Yes	Yes	F	gr5
	31	0.00	4.4	1.27	4.9	1986.3	6.0	1.3	0	0.60	DH	106	93	Yes	1	Yes	No	No	No	Yes	Yes	Yes	F	gr4
	32	0.00	9.4	3.74	5.8	166.4	10.0	1.1	0	0.00	DH	DH	90	Yes	No	Yes	No	No	No	No	DH	Yes	G	gr4
	33	0.00	14.7	5.48	5.7	151.5	18.0	1.2	2.00	0.60	9	6	38	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	G	gr4
	34	6.30	6	1.67	4.9	325.5	8.0	1.4	0	0.70	DH	55	39	Yes	No	Yes	No	No	No	Yes	Yes	Yes	F	gr4

Supplementary material Table S1 (Cont.)- Response and predictor variables values, continuous and qualitative categorical.

Community		Response variable	Continuous predictor variables											Categorical predictor variables										
Name	Nº	<i>Escherichia coli</i>	Ap. color	Turb.	pH	Total coliforms	DSW depth	DSW diameter	Sidewalk width	Protection wall height	Dist. from pigsty to DSW	Dist. from hennerly to DSW	Dist. from permeable SS to DSW	DSW coverage	Fence around DSW	Use of exclusive pump	Property flooding	Corral existence	Pigsty existence	Poultry farming	Hennery existence	Permeable SS existence	Soil type	Groundwater type
		(NMP/100mL)	(uC)	(NTU)		(NMP/100mL)	(m)	(m)	(m)	(m)	(m)	(m)	(m)											
Registro do Araguaia (M12)	35	1.00	76.7	24.4	5.1	2282	6.0	1.0	0	0.60	41	33	60	IM	1	Yes	No	Yes	Yes	Yes	Yes	Yes	F	gr4
Engenho da Pontinha (M13)	36	67.70	11.9	4.16	6.1	2419	15.5	1.2	0	0.30	40	14	16	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5
	37	6.30	8.6	2.6	6.8	2419	5.0	1.2	0	1.00	38	DH	72	No	No	Yes	No	Yes	Yes	Yes	No	Yes	C	fr5
	38	4.10	55.6	13.1	6.8	2419	3.0	1.2	0	0.00	345	DH	359	IM	1	Yes	No	Yes	Yes	Yes	No	Yes	C	fr5
	39	4.10	2.9	0.89	6.5	2419	6.5	1.2	0	0.40	38	DH	16	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	C	fr5
	40	60.90	15.4	5.3	6.7	2419	4.0	2.0	0	0.80	192	202	173	IM	1	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5
Fortaleza (M14)	41	2419	9	1.49	5.9	1011.2	23.0	2.0	0	0.70	38	14	27	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	42	129.60	1.6	1.14	5.4	1413.6	20.0	1.8	0	0.80	46	DH	22	Yes	No	Yes	No	No	Yes	Yes	No	Yes	L	fr5
	43	0.00	1.2	0.58	5.5	410.6	2.0	1.2	0	0.00	1300	1300	1300	IM	1	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
Itajá II (M15)	44	1.00	2.6	2.26	6.1	2419	3.0	1.0	0	0.00	240	DH	232	IM	1	Yes	Yes	Yes	Yes	No	DH	Yes	N	fr5
	45	259.50	2.4	1.38	6.9	2419	6.0	1.4	0	0.50	16	16	20	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N	fr5
	46	0.00	2.7	1.56	6.0	613.1	10.0	1.0	0.55	0.55	74	72	52	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	N	fr5
	47	344.80	1.2	0.35	7.0	2419	7.0	1.0	0	1.00	28	DH	20	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	N	fr5
	48	0.00	0.8	0.55	7.0	2419	5.5	1.6	0	0.40	36	DH	DH	IM	No	Yes	No	Yes	Yes	Yes	No	No	N	fr5
	49	3.10	1.9	0.55	7.8	488.4	6.5	1.2	0	0.50	125	DH	89	Yes	1	Yes	No	Yes	Yes	Yes	No	Yes	N	fr5
Julião Ribeiro (M16)	50	5.20	3.4	1.5	7.5	3873	5.0	1.8	0	0.15	263	263	DH	Yes	1	Yes	No	Yes	Yes	Yes	Yes	No	L	fr4
	51	8.50	20.1	2.56	7.9	980.4	25.0	1.5	0	0.25	77	DH	97	Yes	1	Yes	Yes	Yes	Yes	Yes	No	Yes	L	fr4
Lageado (M17)	52	42.00	11.3	10.75	4.8	2613	10.0	2.0	0	0.30	47	54	55	IM	1	No	Yes	Yes	Yes	Yes	Yes	Yes	L	fr5
	53	19.70	7.4	2.13	5.3	12997	8.0	1.4	0	0.50	24	25	10	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	54	10.90	2.3	0.89	6.1	1203.3	8.0	1.4	0.30	0.60	52	40	31	IM	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L	fr5
	55	7.40	2.5	0.82	5.5	3448	15.0	1.2	0.70	0.70	28	8	18	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	56	146.70	2.5	0.96	6.5	4352	8.0	1.6	0	0.50	DH	DH	16	Yes	No	Yes	No	Yes	No	Yes	No	Yes	L	fr5
	57	0.00	0.4	0.55	5.5	461.1	13.0	1.4	0	0.60	51	56	18	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	58	238.20	0.9	0.94	6.5	3873	9.0	1.2	0	1.20	52	28	40	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L	fr5
	59	178.50	3.8	1.98	5.1	5172	9.0	1.2	0	0.32	DH	6	DH	IM	No	Yes	No	Yes	No	Yes	Yes	No	L	fr5
	60	39.90	0.7	0.37	5.3	4884	10.0	1.0	0	0.10	0	DH	13	IM	1	Yes	No	Yes	Yes	Yes	No	Yes	L	fr5
	61	275.50	3.7	1.28	5.4	665.3	8.0	1.4	0.50	0.60	21	23	12	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	62	85.70	2.5	1.49	5.1	6131	8.0	1.4	0	0.30	27	11	3	IM	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L	fr5
	63	0.00	0.9	0.99	4.7	980.4	8.0	1.4	0	0.25	25	9	28	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	64	41.00	3.2	2.08	5.4	3654	7.0	1.2	0	0.70	37	DH	13	IM	No	Yes	Yes	Yes	Yes	Yes	No	Yes	L	fr5
Madre Cristina (M18)	65	1299.70	6	1.45	6.4	12997	5.0	1.5	0	0.00	67	66	100	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5

Supplementary material Table S1 (Cont.)- Response and predictor variables values, continuous and qualitative categorical.

Community		Response variable	Continuous predictor variables											Categorical predictor variables										
Name	Nº	<i>Escherichia coli</i>	Ap. color	Turb.	pH	Total coliforms	DSW depth	DSW diameter	Sidewalk width	Protection wall height	Dist. from pigsty to DSW	Dist. from hennerly to DSW	Dist. from permeable SS to DSW	DSW coverage	Fence around DSW	Use of exclusive pump	Property flooding	Corral existence	Pigsty existence	Poultry farming	Hennery existence	Permeable SS existence	Soil type	Groundwater type
		(NMP/100mL)	(uC)	(NTU)		(NMP/100mL)	(m)	(m)	(m)	(m)	(m)	(m)	(m)											
Monte Moriá (M19)	66	0.00	1	0.56	7.3	235.9	5.0	1.2	0.50	0.40	DH	DH	DH	Yes	No	Yes	No	Yes	No	Yes	No	No	L	fr5
	67	1.00	24	7.71	6.0	42.6	8.5	1.2	0	0.20	41	16	40	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	68	21.30	1.4	0.31	5.0	5172.0	5.0	1.4	0	0.20	DH	DH	16	IM	No	Yes	No	No	No	Yes	No	Yes	L	fr5
	69	18.70	5.2	1.35	5.8	4884.0	9.0	1.2	0	0.60	75	29	29	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L	fr5
	70	2.00	1.6	0.59	5.5	14136.0	7.0	1.2	0	0.30	22	DH	DH	Yes	No	Yes	No	No	Yes	No	DH	No	L	fr5
	71	8.40	24.3	9.01	5.2	4106.0	5.5	1.2	0	0.15	DH	DH	DH	IM	No	Yes	No	No	No	Yes	No	No	L	fr5
	72	0.00	5.9	2.09	5.3	17329.0	7.0	1.2	0	0.15	DH	DH	DH	IM	No	Yes	No	No	Yes	Yes	No	No	L	fr5
	73	0.00	0.8	0.18	4.9	980.4	9.0	1.2	0.14	0.25	13	15	20	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	74	59.40	3.4	1.24	5.4	3076.0	4.0	1.2	0	0.20	13	12	28	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	L	fr5
Piracanjuba (M20)	75	3.10	5.2	4.11	6.6	2419.0	7.5	1.5	0	0.20	51	DH	25	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	76	2.00	7.4	1.33	5.8	2419.0	8.0	1.0	1.50	0.50	DH	21	25	IM	No	Yes	Yes	Yes	No	Yes	Yes	Yes	L	fr5
	77	13.20	6.3	3.17	6.2	2419.0	8.0	1.0	0	0.50	DH	DH	19	Yes	No	No	No	No	Yes	Yes	No	Yes	L	fr5
	78	129.60	4.5	1.99	6.1	2419.0	9.0	1.0	0	0.20	24	6	18	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
	79	16.80	3	1.78	6.3	2419.6	6.0	1.0	0	0.00	89	98	83	IM	1	Yes	No	Yes	Yes	Yes	Yes	Yes	L	fr5
Rochedo (M21)	80	1.00	0.4	0.47	6.4	770.1	7.0	1.1	0	0.50	332	340	340	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	PV	fr5
	81	2419	11.6	3.2	6.0	2419.0	2.0	1.5	0	0.00	275	263	280	IM	1	Yes	Yes	No	Yes	Yes	Yes	Yes	PV	fr5
	82	2.00	7.3	2.33	6.0	1986.3	3.0	1.0	0	0.00	233	233	233	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	PV	fr5
	83	5.20	6	1.45	6.4	2419.0	3.0	1.0	0	0.60	67	DH	37	IM	No	Yes	No	Yes	Yes	Yes	No	Yes	PV	fr5
	84	0.00	13	3.2	5.8	2419.0	13.0	1.6	0	0.60	7	DH	25	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	PV	fr5
	85	0.00	67.3	11.5	7.0	344.8	2.5	1.0	0	0.50	DH	DH	287	IM	1	Yes	No	Yes	No	Yes	No	Yes	PV	fr5
	86	95.90	14.3	2.41	6.7	2419.0	4.0	3.0	0	0.00	286	DH	303	No	1	Yes	No	Yes	Yes	Yes	No	Yes	PV	fr5
	87	1.00	2.7	0.79	6.7	2419.0	13.0	2.0	0	0.33	DH	DH	69	IM	No	Yes	No	Yes	No	No	DH	Yes	PV	fr5
	88	1.00	6.6	1.17	5.9	2419.0	14.0	1.7	0	0.57	12	24	16	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	PV	fr5
	89	0.00	4.8	1.89	6.2	146.4	16.0	1.3	0	0.50	DH	DH	16	IM	No	Yes	No	Yes	No	Yes	No	Yes	PV	fr5
Santa Fé da Laguna (M22)	90	218.70	3.6	0.75	6.4	2419.0	8.0	1.8	0.30	0.60	48	5	15	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5
	91	7.50	1.4	0.65	5.5	167.0	14.0	1.5	0.20	0.60	30	6	24	Yes	1	Yes	No	No	Yes	Yes	Yes	Yes	C	fr5
	92	410.60	24.8	9.6	6.6	2419.0	14.0	1.5	0	0.50	41	DH	23	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	C	fr5
	93	1046.20	4.4	0.68	6.1	2419.0	13.0	1.5	0	0.40	12	DH	14	Yes	No	Yes	No	No	Yes	Yes	No	Yes	C	fr5
	94	2419	7.4	3.3	6.6	2419.0	5.2	1.5	0	0.50	22	DH	23	Yes	No	Yes	No	Yes	Yes	No	DH	Yes	C	fr5
	95	0.00	1.3	1.28	6.4	2382.0	10.0	1.1	1.00	0.55	43	11	15	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	C	fr5
	96	53.70	2.3	0.57	6.0	2419.0	9.0	1.5	0	0.50	21	DH	18	Yes	No	Yes	No	Yes	Yes	No	DH	Yes	C	fr5
	97	52.00	7	1.28	7.2	24196.0	7.0	1.5	0	0.35	18.5	19.5	17	Yes	1	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5
	98	22.60	8.6	4.13	6.3	2419.0	14.0	1.8	0	0.35	61	16	17	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5
	99	0.00	1.1	0.6	6.6	2419.0	5.0	1.0	0	0.50	DH	DH	DH	IM	1	No	No	Yes	No	Yes	No	Yes	C	fr5
	100	238.20	7.2	2.54	5.8	2419.0	12.0	1.5	0	0.50	24	10	14	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5
	101	0.00	7.1	4.29	6.0	1732.9	15.0	1.5	0	0.60	106	26	16	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5
	102	1986.30	4	1.26	7.0	2419.0	13.0	1.9	0	0.50	39	20	19	Yes	1	Yes	No	Yes	Yes	Yes	Yes	Yes	C	fr5
103	172.60	4.5	1.25	6.5	1553.1	12.0	1.5	0	0.45	24	DH	23	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	L	fr5	

Supplementary material Table S1 (Cont.)- Response and predictor variables values, continuous and qualitative categorical.

Community		Response variable	Continuous predictor variables											Categorical predictor variables										
Name	Nº	<i>Escherichia coli</i>	Ap. color	Turb.	pH	Total coliforms	DSW depth	DSW diameter	Sidewalk width	Protection wall height	Dist. from pigsty to DSW	Dist. from hennery to DSW	Dist. from permeable SS to DSW	DSW coverage	Fence around DSW	Use of exclusive pump	Property flooding	Corral existence	Pigsty existence	Poultry farming	Hennery existence	Permeable SS existence	Soil type	Groundwater type
		(NMP/100mL)	(uC)	(NTU)		(NMP/100mL)	(m)	(m)	(m)	(m)	(m)	(m)	(m)											
São Lourenço (M23)	104	122.30	21	4.66	5.9	15531.0	4.0	1.4	0	0.30	26	26	21	IM	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	PV	fr5
	105	1.00	6.5	2.07	5.7	727.0	8.0	1.4	0	0.65	29	34	6	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	PV	fr5
São Sebastião da Garganta (M24)	106	14.40	31.3	8.31	5.8	988.0	2.0	0.8	0	0.10	130	DH	150	IM	1	Yes	No	Yes	Yes	Yes	No	Yes	C	fr5
	107	21.80	1.8	0.31	5.4	1187.0	10.0	1.5	0	0.50	DH	DH	25	Yes	No	Yes	No	Yes	No	Yes	No	Yes	C	fr5
Tarumã (M25)	108	0.00	3.4	1.18	4.8	2987.0	8.5	1.0	0	0.30	DH	DH	46	IM	No	Yes	No	No	No	No	DH	Yes	F	gr5
	109	0.00	0.8	0.22	5.7	866.4	13.0	1.5	0	0.25	59	DH	DH	Yes	No	Yes	No	Yes	Yes	No	DH	No	F	gr5
	110	0.00	1.4	0.34	4.7	2481.0	9.0	1.2	0	0.25	22	DH	14	IM	1	Yes	No	Yes	Yes	Yes	No	Yes	F	gr5
	111	1.00	1.5	0.42	4.4	4611.0	8.0	1.5	0	0.40	20	DH	DH	IM	No	Yes	No	Yes	Yes	Yes	Yes	No	F	gr5
	112	0.00	6	2.31	5.1	206.4	2.0	1.5	0	0.00	DH	DH	DH	IM	No	Yes	Yes	No	No	No	DH	Yes	F	gr5
	113	0.00	2.9	1.85	5.3	108.1	10.0	1.5	0	0.40	DH	DH	18	IM	1	Yes	No	No	No	No	DH	Yes	F	gr5
	114	1413.60	3.7	0.78	4.7	2419.0	10.0	1.7	0	0.00	90	63	76	IM	No	Yes	No	Yes	Yes	Yes	Yes	Yes	F	gr5
	115	1.00	10.9	3.04	5.8	12997.0	9.0	1.5	0	0.25	62	DH	73	IM	No	Yes	No	Yes	Yes	No	DH	Yes	F	gr5

Note: Apparent color = Ap. color; Turbidity = Turb.; Distance from pigsty to DSW = Dist. from pigsty to DSW; Improvised material = IM; Distance from hennery to DSW = Dist. from hennery to DSW; Dist. from permeable SS to DSW = Dist. from permeable SS to DSW; Do not have = DH; Cambisol (C); Plinthsol = F; Gleissolo = G; Oxisol = L; Nitossolo = N; Argisol = PV; Class 4 fractured aquifer = fr4; Class 5 fractured aquifer = fr5; Class 4 Granular Aquifer = gr4; Class 5 Granular Aquifer = gr5; Class 4 karst aquifer = K4.