



STUDY PLAN 9/2016

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Results included overleaf.

Abnormalities or departures from standard conditions: None.

Sample condition: Acceptable.

Method used:	PAHs	SOP 147
	Lipids	SOP 145



Sample Identification and lipid content

Lab Number	Sample Identification	% Lipid	Species collected	Date sample received
PL 59482	up river, pre dredge	1.60	Mussel	19/10/2016
PL 59483	up river, during dredge	1.29	Mussel	19/10/2016
PL 59484	up river, post dredge	1.19	Mussel	19/10/2016
PL 59485	down river, pre dredge	1.39	Mussel	19/10/2016
PL 59486	down river, during dredge	1.63	Mussel	19/10/2016
PL 59487	down river, post dredge	1.23	Mussel	19/10/2016



PAH results in µg/kg on a fresh (wet) weight basis

Lab number	EFSA 4	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	*7H-Benzo (c) Fluorene	Benzo (a) Anthracene	*Cyclopenta (c,d) Pyrene	Chrysene	*5 Methyl Chrysene	Benzo (b) Fluoranthene	*Benzo (k) Fluoranthene	*Benzo (j) Fluoranthene	Benzo (a) Pyrene	Indeno (1,23,cd) Pyrene	*Dibenzo (a,h) Anthracene	Benzo (ghi) Perylene	*Dibenzo (a,i) Pyrene	*Dibenzo (a,e) Pyrene	*Dibenzo (a,i) Pyrene	*Dibenzo (a,h) Pyrene	
PL 59482	24.2	1.4	3.9	0.85	16.4	16.5	<0.50	6.6	<0.50	4.6	<0.50	9.7	3.7	4.0	3.4	4.2	0.66	4.2	<0.50	<0.50	<0.50	<0.50	<0.50
PL 59483	24.0	1.6	4.0	1.5	16.8	16.9	<0.50	6.7	<0.50	4.7	<0.50	9.1	4.1	4.5	3.6	4.5	0.63	4.4	<0.50	<0.50	<0.50	<0.50	<0.50
PL 59484	23.6	1.6	3.7	0.98	15.5	15.5	<0.50	6.3	<0.50	4.4	<0.50	9.4	3.8	4.0	3.6	4.4	0.62	4.1	<0.50	<0.50	<0.50	<0.50	<0.50
PL 59485	9.6	1.2	2.3	0.19	6.8	5.0	<0.50	2.3	<0.50	2.2	<0.50	3.6	1.3	1.7	1.5	2.3	<0.50	1.9	<0.50	<0.50	<0.50	<0.50	<0.50
PL 59486	10.4	2.8	2.9	0.38	8.7	6.7	<0.50	2.7	<0.50	2.2	<0.50	3.8	1.9	1.9	1.7	2.4	0.52	2.1	<0.50	<0.50	<0.50	<0.50	<0.50
PL 59487	10.1	2.2	3.3	0.28	7.1	5.0	<0.50	2.3	<0.50	2.2	<0.50	3.6	1.5	1.7	2.0	3.0	0.63	2.4	<0.50	<0.50	<0.50	<0.50	<0.50



PAH analytes marked * are not covered by the laboratory's UKAS accreditation scope.

Mark Kearney (Organic Analyst)

Armstrong Hewitt (Laboratory Manager)

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