

APPENDIX 1

Quality Assurance/Quality Control (QA/QC) Summary for Year 1 of the California Coast Survey

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SWAMP Laboratories (Water Pollution Control
Lab and Marine Pollution Studies Lab)

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The data generated for this section were evaluated in the Contaminants in Fish from California Coastal Year 1 report and will be used to perform a statewide screening study of contaminant bioaccumulation in sport fish. Thorough objectives that meet or exceed those in the Surface Water Ambient Monitoring Program (SWAMP) Quality Assurance Program Plan (QAPrP) are outlined in the Screening Study of Bioaccumulation on the California Coast Quality Assurance Project Plan (Coastal QAPP). In general, data quality is demonstrated through analysis of the following quality control (QC) samples:

- Laboratory method blanks;
- Surrogate spikes;
- Matrix spikes (MSs) and matrix spike duplicates (MSDs);
- Certified reference materials (CRMs)/laboratory control spikes (LCSs);
- Laboratory duplicates (DUP); and
- Composite blind duplicates.

The results of the QC samples are used to assess the level of precision and accuracy that can be associated with the data. This information helps guide the data validation process that is used to determine whether or not the data address the questions put forth by the project. In addition, the QC information collected by the project helps pinpoint the specific areas of the overall process where problems may arise so that corrective actions can be implemented. Quality control samples prepared and analyzed by the laboratory provide information specific to the preparation and analysis of the samples.

Were the samples prepared and analyzed in a manner free from significant contamination?

The results of laboratory method blanks provide information on this.

How accurate and precise are the results of the samples?

This question is answered by assessment of a combination of QC sample results. Reference materials and laboratory control spikes provide information regarding the accuracy of the analytical protocols. The results of laboratory duplicates provide information regarding the homogeneity of the samples and consistency of laboratory analytical procedures. The results of matrix spikes provide information on the analytical bias associated with the sample matrix. Only by considering all of the pieces of QC information available as a whole can a determination of the precision and accuracy of the data (or in other words to answer the question “how good are the data?”) be made.

Following submittal from the laboratory, data are validated against the data quality requirements in the Coastal QAPP to determine whether or not the data are suitable for their intended use. Quality control samples are analyzed with a discrete batch of samples, with the results of the associated QC samples applied to each sample in the batch. Sample batches where the associated QC samples met criteria and laboratory performance indicators were within control limits are considered suitable for their intended use without further assessment.

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Data associated with QC results outside of acceptance limits are not automatically considered unsuitable for use. However, the type and scope of the QC problems must be assessed during data validation. In most instances the data are found to be suitable for its intended use even when accounting for the QC failures. Data associated with significant QC failures, or which meet the rejection criteria specified in the Coastal QAPP are unusable for the purposes of this project.

Data validation results are summarized for each QC sample type.

Data for the Coastal Study Year 1 have been validated and compared against project-specific data quality objectives (DQOs). The counts in the following sections represent metal, Mercury, Organochlorine pesticide, and Polychlorinated Biphenyl as Congener (PCB) results from Coastal Year 1. The validation included verification of data according to SWAMP Standard Operating Procedures (SOPs) for chemistry data verification. Data were determined to be compliant with the individual measurement quality objectives (MQOs) specified in Tables 12a and 12b in the Coastal QAPP. Data were classified into one of the following classification levels:

Compliant

Data classified as “compliant” meet or exceed all of the MQOs and other data quality requirements specified in the Coastal QAPP. These data are considered usable for their intended purpose without additional scrutiny.

Qualified

Data classified as “qualified” do not meet one or more of the MQOs and other data quality requirements specified in the Coastal QAPP. These data are considered usable for its intended purpose following an additional assessment to determine the scope and impact of the quality control failure.

Estimated

Data classified as “estimated” are assigned to data batches and sample results that are not considered to be quantifiable. Included in this classification are results qualified with one of the following flags:

J–Estimated value (EPA Flag)

Rejected

Data classified as “rejected” do not meet the minimum data quality requirements specified in the Coastal QAPP. These data are not considered usable for its intended purpose.

Not applicable

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Data classified as “not applicable” refers to data that were not validated since there were no project MQOs or QC requirements for the specific parameter, (i.e., Age) or a failure result was reported and could not be validated.

Quality Assurance Parameter Performance Assessment

Coastal Study criteria for percent recovery (%R) of surrogates, matrix spikes, Certified Reference Materials, laboratory control samples and relative percent difference (RPD) for field and laboratory duplicates for tissues are presented in Appendix X, Table 1.

Laboratory Method Blanks

Laboratory method blanks are used to evaluate laboratory contamination during sample preparation and analysis. Blank samples undergo the same analytical procedure as samples with at least one blank analyzed per 20 samples. The required frequency was met for all 81 batches.

Data that met the MQO for method blanks are those with values less than the method limit (ML) for that particular analyte within each analytical batch. All 139 laboratory method blanks met the MQO .

Target analyte concentrations detected above the method detection limit (MDL) in the field samples were compared to the associated method blank concentrations. Results for target analyte concentrations in batches with blank contamination that were less than 3X the blank contamination were classified as “rejected”. There were 4 rejections in the dataset. Ten results were classified as “qualified” and all other results were classified as “compliant” based on the blank contamination validation QC criteria.

Surrogate Spikes

Surrogate spikes are used to assess analyte losses during sample extraction and clean-up procedures, and must be added to every composite and quality control sample prior to extraction. Whenever possible, isotopically-labeled analogs of the analytes should be used.

All surrogate percent recoveries were within the acceptance criteria listed in Appendix X, Table 1, with the exception of 1 out of 684 (0.1%) surrogate percent recoveries spiked in 228 field and laboratory QA/QC samples analyzed for Polychlorinated Biphenyls and Organochlorine Pesticides (Appendix X, Table 2). The associated analytes in matrix spike

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Matrix Spikes and Matrix Spike Duplicates

A laboratory-fortified sample matrix (matrix spike, or MS) and a laboratory fortified sample matrix duplicate (MSD) are both used to evaluate the effect of the sample matrix on the recovery of the target analyte(s). Individually, these samples are used to assess the bias from an environmental sample matrix plus normal method performance. In addition, these duplicate samples can be used collectively to assess analytical precision.

Aliquots of randomly selected field samples were spiked with known amounts of target analytes. The percent recovery (%R) of each spike was calculated as follows:

$$\%R = (\text{MS Result} - \text{Sample Result}) / (\text{Expected Value} - \text{Sample Result}) * 100$$

The %R acceptance criteria vary according to analyte groups (Appendix X, Table1).

This process was repeated on the same native samples to create a laboratory fortified sample matrix spike duplicate (MSD). MSDs were used to assess laboratory precision and accuracy. MS/MSD RPDs were calculated as follows:

$$\text{RPD} = (|(\text{Value1} - \text{Value2})| / (\text{AVERAGE}(\text{Value1} + \text{Value2}))) * 100$$

where:

Value1=matrix spike value

Value2=matrix spike duplicate value.

According to the Coastal QAPP for metal and organic analyses, at least one MS/MSD pair should be performed per 20 samples or one per batch, whichever is more frequent. The required frequency was met for all 81 batches.

Laboratory batches with MS/MSD %R and RPD values outside of acceptance criteria were either classified as “compliant” or “qualified” based on the number of QC elements outside the acceptance criteria. No data were rejected. In several OCH and PCB batches, MS/MSD %Rs and RPDs were not reported since the native concentrations were greater than 2X the spiked concentration and the lab was unable to calculate these values. Since the non-reported results were not validated, they were classified as “not applicable. Values outside the acceptance criteria are presented in Appendix X, Table 3. All other MS/MSD %Rs and RPDs were within acceptance criteria.

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Certified Reference Materials and Laboratory Control Samples

A CRM or LCS is analyzed to assess the accuracy of a given analytical method. As required by the Coastal QAPP, one CRM or LCS should be analyzed per 20 samples or per batch, whichever is more frequent. The required frequency was met for all 81 batches.

Laboratory batches with CRM or LCS %R values outside of acceptance criteria were classified as “compliant” based on the number of QC elements outside criteria. No data were rejected. These are presented in Appendix X, Table 4. All other CRM and LCS %Rs were within acceptance criteria.

Laboratory Duplicates

A laboratory duplicate (DUP) is analyzed to assess laboratory precision. As required by the Coastal QAPP, a duplicate of at least one field sample per batch was processed and analyzed. The required frequency was met for all 81 batches.

The duplicate results reported above the method limit (ML) were compared and an RPD was calculated as described in the MS/MSD Section. Results reported below the ML or as “non-detect” in either the parent sample or duplicate were not evaluated as stated in the Coastal QAPP. Any RPDs <25% were considered acceptable and classified as compliant as specified in the QAPP. Those >25% but <50% were classified as qualified. Finally, RPDs >50% were classified as rejected. The relative percent differences (RPDs) associated with the laboratory duplicate extraction and analysis of sample C1_91001PJNIBOG08BSB were greater than 50% for several organic analytes. Based on the findings presented in the SWAMP QA Team (QAT) document ” MEMO-WPCL-Reanalysis of Tissues.pdf, May 27, 2010” it was “in the opinion of the QAT and laboratory that the high variability on the replicate samples analyzed with the batch in question was due to non-homogeneity of the sample. In addition, the remaining sample material has been noted to have visible freezer burn resulting in desiccation of the tissue. There is significant concern that re-extraction and reanalysis of sample would not resolve the question of how to handle the other results from the sample batch. Based on evaluation of tissue, in addition to the fact that this was one out of several batches of tissue samples analyzed for the project, the sample result for C1_91001PJNIBOG08BSB (WPCL ID: L-730-09-01) should be rejected. The remaining samples analyzed with the batch should be qualified to indicate the duplicate RPD failure, but not rejected as a result.” Based on this recommendation 18 results were classified as “rejected” and all other associated results were classified as “qualified”. These are presented in Appendix X, Table 5.

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Composite Blind Duplicates

Composite blind duplicates are analyzed to assess composite homogeneity and laboratory precision. Although the Coastal QAPP does not address these samples or provide evaluation criteria, they were performed. Composite blind duplicates were obtained from homogenized tissue samples.

Holding Times

Less than one percent of the results (6 out of 20,946 total results) in 914 tissue composites were classified as “qualified” due to holding time exceedances. Tissue samples analyzed for organochlorine pesticides and PCBs met the 12 month holding time criteria between collection and extraction or the 40 day holding time criteria from extraction to analysis. One tissue sample, C1_90804PLMABOG08OGR, analyzed for both metals and mercury exceeded the 12 month holding time criteria between collection and analysis by less than one month.

QA/QC Summary

Were the samples prepared and analyzed in a manner free from significant contamination?

Review of lab blanks show that 0.02% (4 out of 20,946) of the results are unusable because levels are <3X the concentration detected in the method blank. The remaining 20,942 (99.98%) results are unaffected. Overall, the samples were prepared and analyzed in a manner free from significant contamination.

How accurate and precise are the results of the samples?

Review of spiked QC samples show that all results are usable although there were percent recovery exceedances. Review of duplicate QC samples show that 0.08 % (18 out of 20,946) results are unusable due to percent difference exceedances. Overall, 99.9% of the data generated by laboratories met the accuracy and precision objectives.

There were 20,946 sample results for individual constituents including tissue composites and laboratory QA/QC samples. Of these:

- 20,448 (98%) were classified as “compliant”
- 346 (1.6%) were classified as “qualified”

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- 22 (0.1%) were classified as “rejected”; and
- 130 (0.6%) were classified as “NA”, since the results were not reported due to high native concentrations and could not be validated.

Classification of this dataset is summarized as follows:

- 4 results were classified as “rejected” and 10 results were classified as “qualified” due to blank contamination values.
- 6 results were classified as “qualified” due to surrogate recovery exceedances presented in Table 2.
- All results were classified as “compliant” due to recovery exceedances presented in Tables 3 and 4.
- 324 results were classified as “qualified” and 18 results were classified as “rejected” due to the RPD exceedances presented in Tables 3 and 5.
- 6 results were classified as “qualified” due to holding time exceedances.

Data that meet all MQOs as specified in the QAPP are classified as “compliant” and considered usable without further evaluation. Data that fail to meet all program MQOs specified in the Coastal QAPP were classified as qualified but considered usable for the intended purpose. Data that are >2X MQO requirements or the result of blank contamination were classified as “rejected” and considered unusable. Data batches where results were not reported and therefore not validated were classified as not applicable.

All data with the exception of the 22 rejected results were considered usable for the intended purpose. A 99% completeness level was attained which met the 90% project completeness goal specified in the Coastal QAPP.

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Table 1. Percent recovery and relative percent difference acceptance criteria for different categories of analytes in fish tissue.

Analyte Category	% Surrogate Recovery Acceptance Criteria	% MS/MSD Recovery Acceptance Criteria	% CRM, LCM, & LCS Acceptance Criteria	Relative % Difference Criteria (MS/MSD, Laboratory Duplicate, Field Duplicate)
Trace Metals (Including Mercury)	NA	75-125	75-125	25
Synthetic Organics (PCBs, OCHs, OPs, Triazines, Phenols, VOCs,)	50-150	50-150	50-150, if certified then 70-130	25

Table 2. Surrogate recoveries that did not meet quality control acceptance criteria.

Surrogate	Composite ID	Batch ID	% Recovery	Laboratory
DBCE(Surrogate) %	C1_90407LJSOBOG08OCM (Matrix Spike)	WPCL_L-546-09_BS564_T_OCH	43.9	DFG-WPCL

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Table 3. Matrix spikes (MS), matrix spike duplicates (MSD), percent recoveries (%R), and relative percent differences (RPD) that did not meet specified criteria. Boldface type indicates values that did not meet quality control criteria.

Analyte	Composite ID	Sample Date	Batch ID	MS %R	MSD %R	RPD	Lab
Various Analytes	C1_41116SPDBBOG08BLS	07/Jul/2009 0:00	WPCL_L-012- 10_BS574_T_OCH	NC	NC	NC	DFG- WPCL
Various Analytes	C1_91001TJNIBOG08OKB	02/Jun/2009 0:00	WPCL_L-482- 09_BS561_T_OCH	NC	NC	NC	DFG- WPCL
Various Analytes	C1_91001TJNIBOG08OKB	02/Jun/2009 0:00	WPCL_L-482- 09_BS561_T_PCB	NC	NC	NC	DFG- WPCL
Various Analytes	C1_90407LJSOBOG08OCM	10/Jun/2009 0:00	WPCL_L-546- 09_BS564_T_OCH	NC	NC	NC	DFG- WPCL
Various Analytes	C1_90804PLMABOG08BSB	26/May/2009 0:00	WPCL_L-546-730- 09_BS572_T_OCH	NC	NC	NC	DFG- WPCL
Various Analytes	C1_90804PLMABOG08BSB	26/May/2009 0:00	WPCL_L-546-730- 09_BS572_T_PCB	NC	NC	NC	DFG- WPCL
Various Analytes	C1_80111CCSABOG08BSH	29/Jun/2009 0:00	WPCL_L-643- 09_BS568_T_PCB	NC	NC	NC	DFG- WPCL
Various Analytes	C1_31527GPTCBOG08BSB	27/Oct/2009 0:00	WPCL_L-643-09_L- 012-10_BS573_T_OCH	NC	NC	NC	DFG- WPCL
Various Analytes	C1_31527GPTCBOG08BSB	27/Oct/2009 0:00	WPCL_L-643-09_L- 012-10_BS573_T_PCB	NC	NC	NC	DFG- WPCL

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Analyte	Composite ID	Sample Date	Batch ID	MS %R	MSD %R	RPD	Lab
Various Analytes	C1_80111CCSABOG08BSH	29/Jun/2009 0:00	WPCL_L-643- 09_BS568_T_OCH	NC	NC	NC	DFG- WPCL
Various Analytes	C1_80113SASBBOG08BRS	08/Jul/2009 0:00	WPCL_L-453-638- 09_BS582_T_OCH	NC	NC	NC	DFG- WPCL
Aldrin,Total ng/g ww	C1_80111CCSABOG08BSH	29/Jun/2009 0:00	WPCL_L-643- 09_BS568_T_OCH	157	170	8	DFG- WPCL
Chlordane, trans-,Total ng/g ww	C1_80111CCSABOG08BSH	29/Jun/2009 0:00	WPCL_L-643- 09_BS568_T_OCH	148	163	7.7	DFG- WPCL
HCH, beta,Total ng/g ww	C1_80111CCSABOG08BSH	29/Jun/2009 0:00	WPCL_L-643- 09_BS568_T_OCH	148	155	4.1	DFG- WPCL
Heptachlor epoxide,Total ng/g ww	C1_80111CCSABOG08BSH	29/Jun/2009 0:00	WPCL_L-643- 09_BS568_T_OCH	116	82.8	32	DFG- WPCL
Oxychlordane,Total ng/g ww	C1_80111CCSABOG08BSH	29/Jun/2009 0:00	WPCL_L-643- 09_BS568_T_OCH	163	148	8.2	DFG- WPCL
Aldrin,Total ng/g ww	C1_80113SASBBOG08BRS	08/Jul/2009 0:00	WPCL_L-453-638- 09_BS582_T_OCH	153	164	6.8	DFG- WPCL
Heptachlor epoxide,Total ng/g ww	C1_80113SASBBOG08BRS	08/Jul/2009 0:00	WPCL_L-453-638- 09_BS582_T_OCH	147	153	4.2	DFG- WPCL
Oxychlordane,Total ng/g ww	C1_80113SASBBOG08BRS	08/Jul/2009 0:00	WPCL_L-453-638- 09_BS582_T_OCH	161	161	0.15	DFG- WPCL

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Analyte	Composite ID	Sample Date	Batch ID	MS %R	MSD %R	RPD	Lab
Oxadiazon,Total ng/g ww	C1_20150FARIBOG08OLR	14/Sep/2009 0:00	WPCL_L-547-09_L-039-10_BS576_T_OCH	57.4	81.7	35	DFG-WPCL
PCB 070,Total ng/g ww	C1_90407LJSOBOG08OCM	10/Jun/2009 0:00	WPCL_L-546-09_BS564_T_PCB	120	87.2	30	DFG-WPCL
PCB 105,Total ng/g ww	C1_90407LJSOBOG08OCM	10/Jun/2009 0:00	WPCL_L-546-09_BS564_T_PCB	112	85.4	26	DFG-WPCL
PCB 110,Total ng/g ww	C1_90407LJSOBOG08OCM	10/Jun/2009 0:00	WPCL_L-546-09_BS564_T_PCB	128	89.8	31	DFG-WPCL
PCB 118,Total ng/g ww	C1_90407LJSOBOG08OCM	10/Jun/2009 0:00	WPCL_L-546-09_BS564_T_PCB	136	87.3	37	DFG-WPCL

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Table 4. Batches containing certified reference material (CRM) or laboratory control spike (LCS) outside of acceptance criteria.

Analyte	Station Code	Batch ID	% Recovery	Laboratory
Chlordane, cis-,Total ng/g na	L-482-09_BS 561_SRM 1588b	WPCL_L-482- 09_BS561_T_OCH	132	DFG-WPCL
Hexachlorobenzene,Total ng/g na	L-012-10_BS 575_SRM 1588b	WPCL_L-012- 10_BS575_T_OCH	69.3	DFG-WPCL
PCB 101,Total ng/g na	L-012-10_BS 573_SRM 1588b	WPCL_L-643-09_L-012- 10_BS573_T_PCB	131	DFG-WPCL
PCB 105,Total ng/g na	L-012-10_BS 573_SRM 1588b	WPCL_L-643-09_L-012- 10_BS573_T_PCB	139	DFG-WPCL
Chlordane, cis-,Total ng/g na	L-482-09_BS 561_SRM 1588b	WPCL_L-482- 09_BS561_T_OCH	132	DFG-WPCL
DDE(p,p'),Total ng/g ww	L-643-09_BS 568_LCS	WPCL_L-643- 09_BS568_T_OCH	155	DFG-WPCL
Endosulfan I,Total ng/g ww	L-546-09_BS 564_LCS	WPCL_L-546- 09_BS564_T_OCH	48	DFG-WPCL

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Table 5. Laboratory duplicate samples that did not meet quality control acceptance criteria

Analyte	StationCode	Parent Value	Duplicate Value	RPD	Laboratory	Batch ID
DDE(p,p'),Total ng/g ww	C1_20150FARIBOG08O GR	2.28	3.20	34	DFG-WPCL	WPCL_L-547- 09_L-039- 10_BS576_T_OC H
DDE(p,p'),Total ng/g ww	C1_91001TJNIBOG08BS B	19.4	7.84	85	DFG-WPCL	WPCL_L-546- 730- 09_BS572_T_OC H
PCB 099,Total ng/g ww	C1_91001TJNIBOG08BS B	2.61	1.25	70	DFG-WPCL	WPCL_L-546- 730- 09_BS572_T_PC B
PCB 101,Total ng/g ww	C1_91001TJNIBOG08BS B	2.81	1.43	65	DFG-WPCL	WPCL_L-546- 730- 09_BS572_T_PC B
PCB 118,Total ng/g ww	C1_91001TJNIBOG08BS B	3.39	1.66	69	DFG-WPCL	WPCL_L-546- 730- 09_BS572_T_PC B

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Analyte	StationCode	Parent Value	Duplicate Value	RPD	Laboratory	Batch ID
PCB 138,Total ng/g ww	C1_91001TJNIBOG08BS B	5.51	2.53	74	DFG-WPCL	WPCL_L-546- 730- 09_BS572_T_PC B
PCB 149,Total ng/g ww	C1_91001TJNIBOG08BS B	1.86	0.860	74	DFG-WPCL	WPCL_L-546- 730- 09_BS572_T_PC B
PCB 153,Total ng/g ww	C1_91001TJNIBOG08BS B	9.45	4.29	75	DFG-WPCL	WPCL_L-546- 730- 09_BS572_T_PC B
PCB 180,Total ng/g ww	C1_91001TJNIBOG08BS B	2.28	1.06	73	DFG-WPCL	WPCL_L-546- 730- 09_BS572_T_PC B
PCB 187,Total ng/g ww	C1_91001TJNIBOG08BS B	2.96	1.36	74	DFG-WPCL	WPCL_L-546- 730- 09_BS572_T_PC B
DDE(p,p'),Total ng/g ww	C1_31527GPTCBOG08O KB	4.44	6.30	35	DFG-WPCL	WPCL_L-643- 09_L-012- 10_BS573_T_OC H

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Analyte	StationCode	Parent Value	Duplicate Value	RPD	Laboratory	Batch ID
Selenium, Total ug/g ww	C1_80113SASBBOG08O CM	0.45	0.60	29.7	MPSL-DFG	MPSL- DFG_2010Dig05_ T_Se

APPENDIX 2

Concise summary of year 1 results of the SWAMP
Coastal Survey: composites or averages at each location

APPENDIX 2: Concise summary of year 1 results

Regional Board	Zone	Station Name	Sample Year	Common Name	Sample Type	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sums of Chlordanes (ng/g ww)	Sums of PBDEs (ng/g ww)
2	203BRKLEY	Berkeley (4)	2009	Shiner Surfperch	Composite	0.10	0.41	83.3	23.3		3.4	8.1
2	203CENTRL	Central Bay (6)	2009	California Halibut	Composite	0.24	0.46	13.0	3.0	0.0	0.3	1.8
2	203CENTRL	Central Bay (6)	2009	Leopard shark	erage of Individu	1.23						
2	203CENTRL	Central Bay (6)	2009	Leopard shark	Composite		0.23	20.0	5.0	0.5	1.3	3.4
2	203CENTRL	Central Bay (6)	2009	Striped Bass	erage of Individu	0.43						
2	203CENTRL	Central Bay (6)	2009	Striped Bass	Composite		0.46	67.4	21.4	0.7	4.1	9.1
2	203CENTRL	Central Bay (6)	2009	White Croaker	Composite		0.36	71.8	19.3	1.1	3.0	5.7
2	203OAKLND	Oakland (2)	2009	Jack Smelt	Composite	0.07	0.28	19.6	17.3	0.5	1.8	1.8
2	203OAKLND	Oakland (2)	2009	Northern Anchovy	Composite		0.47	153.2	23.3	1.0	6.1	9.4
2	203OAKLND	Oakland (2)	2009	Shiner Surfperch	Composite	0.20	0.51	228.3	34.4	1.3	16.5	14.2
2	203OAKLND	Oakland (2)	2009	White Croaker	Composite		0.48	203.6	30.3	1.3	7.0	15.9
2	203SANFRN	San Francisco Waterfront (3)	2009	California Halibut	Composite	0.24	0.32	32.8	3.8		0.3	2.4
2	203SANFRN	San Francisco Waterfront (3)	2009	Jack Smelt	Composite	0.08	0.23	8.6	10.3		0.4	1.0
2	203SANFRN	San Francisco Waterfront (3)	2009	Shiner Surfperch	Composite	0.10	0.53	179.4	19.0		11.0	6.7
2	204STHBAY	South Bay (1)	2009	Jack Smelt	Composite	0.08	0.41	40.4	10.5	0.6	4.1	1.9
2	204STHBAY	South Bay (1)	2009	Leopard shark	erage of Individu	1.15						
2	204STHBAY	South Bay (1)	2009	Leopard shark	Composite		0.33	16.8	6.3	0.0	0.9	5.1
2	204STHBAY	South Bay (1)	2009	Northern Anchovy	Composite		0.54	128.8	20.2	1.0	6.6	8.7
2	204STHBAY	South Bay (1)	2009	Shiner Surfperch	Composite	0.13	0.50	118.1	27.1	1.4	8.7	12.0
2	204STHBAY	South Bay (1)	2009	White Croaker	Composite		0.53	237.9	39.5	1.2	10.1	16.2
2	204STHBAY	South Bay (1)	2009	White Sturgeon	erage of Individuals		1.00					
2	204STHBAY	South Bay (1)	2009	White Sturgeon	Composite			14.5	4.5	0.5	1.3	2.9
2	206SNPBLO	San Pablo Bay (5)	2009	California Halibut	Composite	0.18	0.41	8.8	2.6		0.2	1.3
2	206SNPBLO	San Pablo Bay (5)	2009	Jack Smelt	Composite	0.10	0.37	18.8	12.0		0.9	1.5
2	206SNPBLO	San Pablo Bay (5)	2009	Leopard shark	erage of Individu	1.49						
2	206SNPBLO	San Pablo Bay (5)	2009	Leopard shark	Composite		0.34	24.9	10.4		1.2	6.3
2	206SNPBLO	San Pablo Bay (5)	2009	Shiner Surfperch	Composite	0.09	0.52	44.6	16.2	0.5	2.4	5.8
2	206SNPBLO	San Pablo Bay (5)	2009	Striped Bass	erage of Individu	0.47						
2	206SNPBLO	San Pablo Bay (5)	2009	Striped Bass	Composite		0.50	23.5	14.2	0.0	1.4	4.9
2	206SNPBLO	San Pablo Bay (5)	2009	White Sturgeon	erage of Individuals		1.95					
2	206SNPBLO	San Pablo Bay (5)	2009	White Sturgeon	Composite			12.8	8.0	0.5	2.1	5.0
2	45	San Mateo Coast	2009	Black Rockfish	erage of Individu	0.05						
2	45	San Mateo Coast	2009	Black Rockfish	Composite		0.38	0.3	2.6	0.0	0.0	
2	45	San Mateo Coast	2009	Blue Rockfish	erage of Individu	0.05						
2	45	San Mateo Coast	2009	Blue Rockfish	Composite		0.36	0.0	1.6	0.0	0.0	
2	45	San Mateo Coast	2009	Gopher Rockfish	Composite	0.43	0.36	0.2	3.3	0.0	0.2	
2	45	San Mateo Coast	2009	Olive Rockfish	erage of Individu	0.15						
2	45	San Mateo Coast	2009	Olive Rockfish	Composite		0.33	3.0	4.6	0.0	0.2	
2	46	Pillar Point Harbor	2009	Black Perch	erage of Individu	0.06						
2	46	Pillar Point Harbor	2009	Black Perch	Composite		0.18	0.6	1.7	0.0	0.3	
2	46	Pillar Point Harbor	2009	Shiner Surfperch	erage of Individu	0.06						
2	46	Pillar Point Harbor	2009	Shiner Surfperch	Composite	0.06	0.23	12.7	13.0	0.0	2.6	
2	46	Pillar Point Harbor	2009	Top Smelt	Composite	0.09	0.23	11.5	15.8	0.5	1.7	
2	46	Pillar Point Harbor	2009	White Croaker	Composite	0.10	0.27	3.3	3.4	0.0	0.3	
2	46	Pillar Point Harbor	2009	White Surfperch	erage of Individu	0.07						
2	46	Pillar Point Harbor	2009	White Surfperch	Composite	0.06	0.19	5.3	6.9	0.0	1.7	
2	47	Half Moon Bay Coast	2009	Barred Surfperch	erage of Individu	0.20						
2	47	Half Moon Bay Coast	2009	Barred Surfperch	Composite		0.37	0.6	2.7	0.0	0.0	
2	47	Half Moon Bay Coast	2009	Blue Rockfish	erage of Individu	0.07						
2	47	Half Moon Bay Coast	2009	Blue Rockfish	Composite		0.41	0.0	1.0	0.0	0.0	
2	47	Half Moon Bay Coast	2009	Brown Rockfish	Composite	0.26	0.29	3.2	2.0	0.0	0.0	

APPENDIX 2: Concise summary of year 1 results

Regional Board	Zone	Station Name	Sample Year	Common Name	Sample Type	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sums of Chlordanes (ng/g ww)	Sums of PBDEs (ng/g ww)
2	47	Half Moon Bay Coast	2009	Gopher Rockfish	Composite	0.26	0.36	0.5	1.4	0.0	0.0	
2	47	Half Moon Bay Coast	2009	Lingcod	Composite	0.27	0.30	4.9	12.1	0.0	0.4	
2	48	Pacifica Coast	2009	Blue Rockfish	Composite	0.08						
2	48	Pacifica Coast	2009	Blue Rockfish	Composite		0.52	1.5	3.3	0.0	0.0	
2	48	Pacifica Coast	2009	Gopher Rockfish	Composite	0.34	0.32	0.6	1.7	0.0	0.0	
2	48	Pacifica Coast	2009	Lingcod	Composite	0.42	0.25	8.1	10.0	0.0	0.3	
2	49	San Francisco Coast	2009	Barred Surfperch	Composite	0.14						
2	49	San Francisco Coast	2009	Barred Surfperch	Composite	0.11	0.21	35.8	21.7	0.6	3.1	
2	49	San Francisco Coast	2009	White Croaker	Composite	0.24	0.31	5.0	3.2	0.0	0.0	
2	50	Farallon Islands	2009	Blue Rockfish	Composite	0.04						
2	50	Farallon Islands	2009	Blue Rockfish	Composite		0.62	0.0	1.7	0.0	0.0	
2	50	Farallon Islands	2009	Gopher Rockfish	Composite	0.29	0.33	0.3	2.3	0.0	0.0	
2	50	Farallon Islands	2009	Olive Rockfish	Composite	0.14						
2	50	Farallon Islands	2009	Olive Rockfish	Composite		0.54	0.2	3.0	0.0	0.0	
2	51	Southern Marin Coast	2009	Barred Surfperch	Composite	0.20	0.45	18.3	12.3	0.5	1.5	
2	51	Southern Marin Coast	2009	White Croaker	Composite	0.21	0.29	2.0	1.3	0.0	0.0	
2	52	Tomales Bay	2009	White Croaker	Composite	0.83	0.19	1.1	1.6	0.0	0.0	
2	52	Tomales Bay	2009	Leopard shark	Composite	1.22	0.31	2.5	1.7	0.0	0.0	
2	52	Tomales Bay	2009	Shiner Surfperch	Composite	0.06						
2	52	Tomales Bay	2009	Shiner Surfperch	Composite	0.07	0.37	3.2	2.9	0.0	0.0	
2	52	Tomales Bay	2009	Top Smelt	Composite	0.05	0.31	5.8	15.5	0.0	0.4	
2	52	Tomales Bay	2009	White Surfperch	Composite	0.04						
2	52	Tomales Bay	2009	White Surfperch	Composite	0.04	0.08	0.2	1.1	0.0	0.0	
2	53	Northern Marin Coast	2009	Blue Rockfish	Composite	0.06						
2	53	Northern Marin Coast	2009	Blue Rockfish	Composite		0.45	0.0	0.7	0.0	0.0	
2	53	Northern Marin Coast	2009	Brown Rockfish	Composite	0.24	0.28	1.6	2.2	0.0	0.0	
2	53	Northern Marin Coast	2009	Olive Rockfish	Composite	0.04						
2	53	Northern Marin Coast	2009	Olive Rockfish	Composite		0.47	0.0	0.7	0.0	0.0	
3	23	Northern Channel Islands	2009	Black Perch	Composite	0.10						
3	23	Northern Channel Islands	2009	Black Perch	Composite		0.18	0.0	1.3	0.0	0.0	
3	23	Northern Channel Islands	2009	Brown Rockfish	Composite	0.24	0.35	0.0	2.3	0.0	0.0	
3	23	Northern Channel Islands	2009	Kelp Bass	Composite	0.18						
3	23	Northern Channel Islands	2009	Kelp Bass	Composite	0.13	0.64	0.5	4.7	0.0	0.0	
3	23	Northern Channel Islands	2009	Kelp Rockfish	Composite	0.11	0.44	0.0	1.3	0.0	0.0	
3	25	Rincon to Goleta	2009	Black Perch	Composite	0.08						
3	25	Rincon to Goleta	2009	Black Perch	Composite		0.18	0.0	1.7	0.0	0.0	
3	25	Rincon to Goleta	2009	Chub Mackerel	Composite	0.07	0.41	7.0	33.8	0.0	0.4	
3	25	Rincon to Goleta	2009	Kelp Bass	Composite	0.16						
3	25	Rincon to Goleta	2009	Kelp Bass	Composite	0.12	0.71	2.6	10.1	0.0	0.4	
3	25	Rincon to Goleta	2009	Olive Rockfish	Composite	0.08						
3	25	Rincon to Goleta	2009	Olive Rockfish	Composite		0.70	2.4	14.0	0.0	0.4	
3	25	Rincon to Goleta	2009	White Croaker	Composite	0.12	0.36	3.8	23.3	0.0	1.0	
3	26	Santa Barbara Channel Oil Platform	2009	Brown Rockfish	Composite	0.14	0.27	2.3	15.0	0.0	0.3	
3	26	Santa Barbara Channel Oil Platform	2009	Chub Mackerel	Composite	0.09	0.43	3.3	12.0	0.0	0.0	
3	26	Santa Barbara Channel Oil Platform	2009	Gopher Rockfish	Composite	0.27	0.36	0.5	2.8	0.0	0.0	
3	26	Santa Barbara Channel Oil Platform	2009	Kelp Bass	Composite	0.17						
3	26	Santa Barbara Channel Oil Platform	2009	Kelp Bass	Composite		0.68	2.2	14.9	0.0	0.3	
3	26	Santa Barbara Channel Oil Platform	2009	White Croaker	Composite	0.16	0.39	0.9	5.3	0.0	0.0	
3	26	Santa Barbara Channel Oil Platform	2009	White Surfperch	Composite	0.07						
3	26	Santa Barbara Channel Oil Platform	2009	White Surfperch	Composite	0.06	0.25	3.8	17.4	0.0	0.5	

APPENDIX 2: Concise summary of year 1 results

Regional Board	Zone	Station Name	Sample Year	Common Name	Sample Type	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sums of Chlordanes (ng/g ww)	Sums of PBDEs (ng/g ww)
3	27	Goleta to Pt Conception	2009	Barred Sand Bass	Average of Individual	0.27						
3	27	Goleta to Pt Conception	2009	Barred Sand Bass	Composite	0.21	0.31	4.7	14.3	0.0	0.5	
3	27	Goleta to Pt Conception	2009	Brown Rockfish	Composite	0.15	0.29	0.0	3.5	0.0	0.0	
3	27	Goleta to Pt Conception	2009	Chub Mackerel	Composite	0.11	0.44	1.6	8.0	0.0	0.0	
3	27	Goleta to Pt Conception	2009	Gopher Rockfish	Composite	0.33	0.32	0.0	1.5	0.0	0.0	
3	27	Goleta to Pt Conception	2009	Kelp Bass	Average of Individual	0.07						
3	27	Goleta to Pt Conception	2009	Kelp Bass	Composite		0.37	1.2	6.5	0.0	0.8	
4	15	Long Beach	2009	Barred Sand Bass	Average of Individual	0.16						
4	15	Long Beach	2009	Barred Sand Bass	Composite		0.34	49.0	48.2	0.0	1.5	
4	15	Long Beach	2009	Fin Smooth-hound S	Composite	0.70	0.21	21.4	97.1	0.0	1.2	
4	15	Long Beach	2009	Chub Mackerel	Composite	0.15	0.54	30.9	106.5	0.0	1.6	
4	15	Long Beach	2009	Shiner Surfperch	Average of Individual	0.04						
4	15	Long Beach	2009	Top Smelt	Composite	0.05	0.30	50.7	145.3	0.0	2.4	
4	15	Long Beach	2009	White Croaker	Composite	0.13	0.38	104.0	110.7	0.0	11.3	
4	15	Long Beach	2009	Yellowfin Croaker	Composite	0.03	0.51	16.4	23.4	0.0	1.8	
4	16	San Pedro Bay	2009	Barred Sand Bass	Average of Individual	0.10						
4	16	San Pedro Bay	2009	Barred Sand Bass	Composite		0.49	43.0	70.9	0.0	0.9	
4	16	San Pedro Bay	2009	Black Perch	Average of Individual	0.10						
4	16	San Pedro Bay	2009	Black Perch	Composite	0.08	0.35	23.8	49.2	0.0	0.7	
4	16	San Pedro Bay	2009	Shiner Surfperch	Average of Individual	0.03						
4	16	San Pedro Bay	2009	Shiner Surfperch	Composite	0.02	0.52	49.9	175.1	0.5	3.0	
4	16	San Pedro Bay	2009	Spiny dogfish	Composite	1.30	0.35	296.2	1077.4	0.9	42.1	
4	16	San Pedro Bay	2009	White Croaker	Composite	0.10	0.78	29.1	52.1	0.6	3.7	
4	16	San Pedro Bay	2009	White Surfperch	Average of Individual	0.02						
4	16	San Pedro Bay	2009	White Surfperch	Composite	0.02	0.45	79.8	147.1	0.6	5.4	
4	17	Catalina Island	2009	Black Perch	Average of Individual	0.12						
4	17	Catalina Island	2009	Black Perch	Composite	0.09	0.26	0.0	0.9	0.0	0.0	
4	17	Catalina Island	2009	Chub Mackerel	Composite	0.02	0.91	0.0	2.8	0.0	0.0	
4	17	Catalina Island	2009	Kelp Bass	Average of Individual	0.19						
4	17	Catalina Island	2009	Kelp Bass	Composite	0.14	0.63	0.6	4.9	0.0	0.0	
4	17	Catalina Island	2009	Ocean Whitefish	Composite	0.10	0.31	0.7	5.0	0.0	0.0	
4	17	Catalina Island	2009	Rosy Rockfish	Composite	0.18	0.40	0.7	7.5	0.0	0.0	
4	18	Palos Verdes	2009	Black Perch	Average of Individual	0.06						
4	18	Palos Verdes	2009	Black Perch	Composite	0.06	0.08	9.9	85.3	0.0	0.0	
4	18	Palos Verdes	2009	Chub Mackerel	Composite	0.05	0.45	8.3	25.6	0.0	0.3	
4	18	Palos Verdes	2009	Gopher Rockfish	Composite	0.06	0.35	5.3	41.2	0.0	0.0	
4	18	Palos Verdes	2009	Kelp Bass	Average of Individual	0.14						
4	18	Palos Verdes	2009	Kelp Bass	Composite	0.12	0.81	12.8	75.1	0.0	0.3	
4	18	Palos Verdes	2009	White Croaker	Composite	0.10	0.44	22.2	136.4	0.0	0.2	
4	19	South Santa Monica Bay	2009	Barred Sand Bass	Average of Individual	0.18						
4	19	South Santa Monica Bay	2009	Barred Sand Bass	Composite		0.39	32.8	32.3	0.5	2.1	
4	19	South Santa Monica Bay	2009	Barred Surfperch	Average of Individual	0.10						
4	19	South Santa Monica Bay	2009	Barred Surfperch	Composite	0.09	0.46	10.3	14.5	0.5	0.9	
4	19	South Santa Monica Bay	2009	Chub Mackerel	Composite	0.05	0.48	12.9	38.7	0.0	0.4	
4	19	South Santa Monica Bay	2009	Kelp Bass	Average of Individual	0.13						
4	19	South Santa Monica Bay	2009	Kelp Bass	Composite	0.13	0.58	16.5	19.8	0.0	0.4	
4	19	South Santa Monica Bay	2009	White Croaker	Composite	0.11	1.15	28.5	68.9	0.0	0.5	
4	20	Middle Santa Monica Bay	2009	Barred Sand Bass	Average of Individual	0.27						
4	20	Middle Santa Monica Bay	2009	Barred Sand Bass	Composite		0.46	21.1	25.8	0.5	1.8	
4	20	Middle Santa Monica Bay	2009	Barred Surfperch	Average of Individual	0.06						
4	20	Middle Santa Monica Bay	2009	Barred Surfperch	Composite	0.05	0.38	45.4	65.1	0.9	7.4	

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4	20	Middle Santa Monica Bay	2009	Black Croaker	Composite	0.41	0.23	27.5	40.1	0.0	0.5	
4	20	Middle Santa Monica Bay	2009	Chub Mackerel	Composite	0.06	0.54	21.9	25.6	0.0	2.4	
4	20	Middle Santa Monica Bay	2009	Kelp Bass	erage of Individu	0.19						
4	20	Middle Santa Monica Bay	2009	Kelp Bass	Composite	0.24	0.29	9.7	17.5	0.0	0.2	
4	20	Middle Santa Monica Bay	2009	Spotted Scorpionfish	Composite	0.18	0.39	25.1	70.0	0.0	1.2	
4	21	North Santa Monica Bay	2009	Barred Sand Bass	erage of Individu	0.18						
4	21	North Santa Monica Bay	2009	Barred Sand Bass	Composite		2.41	5.9	12.7	0.0	0.4	
4	21	North Santa Monica Bay	2009	Black Perch	erage of Individu	0.06						
4	21	North Santa Monica Bay	2009	Black Perch	Composite			4.9	6.8	0.0	0.2	
4	21	North Santa Monica Bay	2009	Brown Rockfish	Composite	0.08	0.34	1.0	5.2	0.0	0.0	
4	21	North Santa Monica Bay	2009	Chub Mackerel	Composite	0.06	0.49	3.6	13.7	0.0	0.3	
4	21	North Santa Monica Bay	2009	Kelp Bass	erage of Individu	0.15						
4	21	North Santa Monica Bay	2009	Kelp Bass	Composite	0.16	0.45	5.4	13.2	0.0	0.3	
4	22	Pt Dume to Oxnard	2009	Black Perch	erage of Individu	0.03						
4	22	Pt Dume to Oxnard	2009	Black Perch	Composite		0.19	1.7	6.4	0.0	0.3	
4	22	Pt Dume to Oxnard	2009	Chub Mackerel	Composite	0.10	0.56	4.7	16.1	0.0	0.2	
4	22	Pt Dume to Oxnard	2009	Gopher Rockfish	Composite	0.21	0.40	0.2	3.7	0.0	0.0	
4	22	Pt Dume to Oxnard	2009	Kelp Bass	erage of Individu	0.20						
4	22	Pt Dume to Oxnard	2009	Kelp Bass	Composite	0.30	0.60	3.7	10.4	0.0	0.2	
4	22	Pt Dume to Oxnard	2009	White Croaker	Composite	0.12	0.31	3.0	19.5	0.0	0.6	
4	24	Ventura to Rincon	2009	Barred Surfperch	erage of Individu	0.03						
4	24	Ventura to Rincon	2009	Barred Surfperch	Composite	0.03	0.51	9.5	49.4	0.0	3.5	
4	24	Ventura to Rincon	2009	Shiner Surfperch	Composite	0.05	0.37	8.6	67.5	0.0	3.0	
4	24	Ventura to Rincon	2009	White Croaker	Composite	0.14	0.36	4.6	26.2	0.0	1.8	
8	11	Crystal Cove to Santa Ana River	2009	Barred Sand Bass	erage of Individu	0.19						
8	11	Crystal Cove to Santa Ana River	2009	Barred Sand Bass	Composite		0.31	6.3	23.6	0.0	0.3	
8	11	Crystal Cove to Santa Ana River	2009	in Smooth-hound S	Composite	1.45	0.47	136.4	427.8	1.0	26.5	
8	11	Crystal Cove to Santa Ana River	2009	Chub Mackerel	Composite	0.05	0.71	1.9	9.7	0.0	0.0	
8	11	Crystal Cove to Santa Ana River	2009	Kelp Bass	erage of Individu	0.12						
8	11	Crystal Cove to Santa Ana River	2009	Kelp Bass	Composite	0.16	0.27	8.5	23.3	0.0	0.4	
8	11	Crystal Cove to Santa Ana River	2009	White Croaker	Composite	0.20	0.38	11.4	32.6	0.0	0.3	
8	12	Newport Bay	2009	Black Perch	erage of Individu	0.03						
8	12	Newport Bay	2009	Black Perch	Composite		0.24	10.5	37.0	0.0	2.2	
8	12	Newport Bay	2009	Shiner Surfperch	erage of Individu	0.03						
8	12	Newport Bay	2009	Shiner Surfperch	Composite	0.01	0.21	19.7	64.9	0.0	3.2	
8	12	Newport Bay	2009	Spotted Sand Bass	erage of Individu	0.16						
8	12	Newport Bay	2009	Spotted Sand Bass	Composite		0.67	22.4	29.7	0.0	2.1	
8	12	Newport Bay	2009	Top Smelt	Supercomposite	0.01	0.63	25.6	99.5	0.0	5.6	
8	12	Newport Bay	2009	White Croaker	Composite	0.23	0.38	10.8	23.8	0.0	0.3	
8	13	Santa Ana River to Seal Beach	2009	Barred Sand Bass	erage of Individu	0.21						
8	13	Santa Ana River to Seal Beach	2009	Barred Sand Bass	Composite		0.42	18.2	34.8	0.0	0.4	
8	13	Santa Ana River to Seal Beach	2009	Barred Surfperch	erage of Individu	0.07						
8	13	Santa Ana River to Seal Beach	2009	Barred Surfperch	Composite	0.06	0.59	46.7	100.0	0.0	4.4	
8	13	Santa Ana River to Seal Beach	2009	in Smooth-hound S	Composite	0.72	0.40	70.1	177.6	1.3	22.6	
8	13	Santa Ana River to Seal Beach	2009	Chub Mackerel	Composite	0.05	0.60	3.7	11.2	0.0	0.2	
8	13	Santa Ana River to Seal Beach	2009	Kelp Bass	erage of Individu	0.13						
8	13	Santa Ana River to Seal Beach	2009	Kelp Bass	Composite		0.37	24.3	32.5	0.0	1.0	
8	13	Santa Ana River to Seal Beach	2009	Spotfin Croaker	Composite	0.05	0.48	108.0	94.7	1.4	26.4	
8	14	Orange County Oil Platforms	2009	Barred Sand Bass	erage of Individu	0.19						
8	14	Orange County Oil Platforms	2009	Barred Sand Bass	Composite		0.38	32.6	91.4	0.0	2.6	
8	14	Orange County Oil Platforms	2009	Chub Mackerel	Composite	0.03	0.62	23.2	63.8	0.0	1.4	

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8	14	Orange County Oil Platforms	2009	Kelp Bass	Composite	0.16						
8	14	Orange County Oil Platforms	2009	Kelp Bass	Composite	0.16	0.67	20.8	49.6	0.0	0.6	
8	14	Orange County Oil Platforms	2009	White Croaker	Composite	0.13	0.36	22.6	57.2	0.0	0.5	
9	1	TJ to North Island	2009	Barred Sand Bass	Composite	0.21						
9	1	TJ to North Island	2009	Barred Sand Bass	Composite		0.35		0.5	0.0	0.9	
9	1	TJ to North Island	2009	Chub Mackerel	Composite	0.18	0.43	23.6	34.7	0.0	0.5	
9	1	TJ to North Island	2009	Kelp Bass	Composite	0.15						
9	1	TJ to North Island	2009	Kelp Bass	Composite	0.11	1.89	56.7	10.5	0.0	0.9	
9	1	TJ to North Island	2009	Spotted Scorpionfish	Composite	0.22	0.27	6.5	12.5	0.0	0.3	
9	1	TJ to North Island	2009	White Croaker	Composite	0.16	0.33	23.4	22.7	0.0	0.3	
9	2	SD South Bay	2009	Chub Mackerel	Composite	0.06	0.61	101.3	10.9	0.0	2.1	
9	2	SD South Bay	2009	Shiner Smoothhound Surfperch	Composite	0.33	0.34	41.2	3.6	0.0	0.5	
9	2	SD South Bay	2009	Shiner Surfperch	Composite	0.08						
9	2	SD South Bay	2009	Shiner Surfperch	Composite	0.06	0.33	189.6	12.0	0.5	3.7	
9	2	SD South Bay	2009	Spotted Sand Bass	Composite	0.21						
9	2	SD South Bay	2009	Spotted Sand Bass	Composite	0.22	0.81	50.2	1.3	0.0	0.3	
9	2	SD South Bay	2009	Yellowfin Croaker	Composite	0.38	0.38	84.3	5.6	0.0	1.6	
9	3	SD North Bay	2009	Barred Sand Bass	Composite	0.12						
9	3	SD North Bay	2009	Barred Sand Bass	Composite	0.13	0.78	33.8	5.3	0.0	0.4	
9	3	SD North Bay	2009	Chub Mackerel	Composite	0.05	0.58	25.1	20.0	0.0	0.4	
9	3	SD North Bay	2009	Shiner Smoothhound Surfperch	Composite	0.24	0.39	11.5	1.7	0.0	0.0	
9	3	SD North Bay	2009	Shiner Surfperch	Composite	0.04						
9	3	SD North Bay	2009	Shiner Surfperch	Composite	0.03	0.26	67.8	10.9	0.0	2.5	
9	3	SD North Bay	2009	Spotted Sand Bass	Composite	0.20						
9	3	SD North Bay	2009	Spotted Sand Bass	Composite	0.18	0.71	51.4	3.4	0.0	0.4	
9	4	Pt Loma	2009	Barred Sand Bass	Composite	0.25						
9	4	Pt Loma	2009	Barred Sand Bass	Composite		0.37	23.8	6.4	0.0	0.3	
9	4	Pt Loma	2009	Black Perch	Composite	0.11						
9	4	Pt Loma	2009	Black Perch	Composite	0.07	0.27	34.3	8.4	0.0	0.4	
9	4	Pt Loma	2009	Chub Mackerel	Composite	0.06	0.66	18.5	26.1	0.0	0.3	
9	4	Pt Loma	2009	Gopher Rockfish	Composite	0.20	0.26	3.8	2.7	0.0	0.0	
9	4	Pt Loma	2009	Kelp Bass	Composite	0.21						
9	4	Pt Loma	2009	Kelp Bass	Composite	0.17	0.36	24.5	4.3	0.0	0.3	
9	4	Pt Loma	2009	White Croaker	Composite	0.19	0.36	25.2	13.1	0.0	0.3	
9	5	Pt Loma to La Jolla	2009	Chub Mackerel	Composite	0.05	0.45	5.7	10.4	0.0	0.2	
9	5	Pt Loma to La Jolla	2009	Gopher Rockfish	Composite	0.14	0.27	0.6	1.8	0.0	0.0	
9	5	Pt Loma to La Jolla	2009	Kelp Bass	Composite	0.16						
9	5	Pt Loma to La Jolla	2009	Kelp Bass	Composite	0.25	0.28	3.2	3.2	0.0	0.0	
9	5	Pt Loma to La Jolla	2009	Yellowtail Rockfish	Composite	0.13	0.29	0.5	0.8	0.0	0.0	
9	6	Mission Bay	2009	Shiner Surfperch	Composite	0.03						
9	6	Mission Bay	2009	Shiner Surfperch	Composite	0.04	0.37	15.0	8.4	0.5	1.9	
9	6	Mission Bay	2009	Spotted Sand Bass	Composite	0.12						
9	6	Mission Bay	2009	Spotted Sand Bass	Composite	0.14	0.52	6.2	2.1	0.0	0.4	
9	6	Mission Bay	2009	Top Smelt	Composite	0.03	0.63	9.3	5.4	0.0	0.4	
9	6	Mission Bay	2009	White Surfperch	Composite	0.04						
9	6	Mission Bay	2009	White Surfperch	Composite	0.05	0.44	13.5	7.3	0.0	2.9	
9	6	Mission Bay	2009	Yellowfin Croaker	Composite	0.08	0.55	8.3	3.4	0.5	1.4	
9	7	La Jolla to San Onofre	2009	Barred Sand Bass	Composite	0.28						
9	7	La Jolla to San Onofre	2009	Barred Sand Bass	Composite		0.64	1.6	8.0	0.0	0.0	
9	7	La Jolla to San Onofre	2009	Chub Mackerel	Composite	0.05	0.56	3.3	10.1	0.0	0.2	
9	7	La Jolla to San Onofre	2009	Kelp Bass	Composite	0.14						

APPENDIX 2: Concise summary of year 1 results

Regional Board	Zone	Station Name	Sample Year	Common Name	Sample Type	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sums of Chlordanes (ng/g ww)	Sums of PBDEs (ng/g ww)
9	7	La Jolla to San Onofre	2009	Kelp Bass	Composite	0.17	1.23	3.7	7.4	0.0	0.2	
9	7	La Jolla to San Onofre	2009	White Croaker	Composite	0.12	0.84	7.8	38.7	0.0	0.4	
9	8	Oceanside Harbor	2009	Queenfish	Composite	0.07	0.20	0.8	2.6	0.0	0.0	
9	8	Oceanside Harbor	2009	Spotfin Croaker	Composite	0.01	0.25	0.3	2.8	0.0	0.0	
9	8	Oceanside Harbor	2009	White Croaker	Composite	0.04	0.29	0.5	4.5	0.0	0.0	
9	8	Oceanside Harbor	2009	White Surfperch	Composite	0.04						
9	8	Oceanside Harbor	2009	White Surfperch	Composite		0.29	20.4	34.5	0.4	1.4	
9	8	Oceanside Harbor	2009	Yellowfin Croaker	Composite	0.04	0.81	0.2	1.9	0.0	0.0	
9	9	San Onofre to Crystal Cove	2009	Barred Sand Bass	Composite	0.19						
9	9	San Onofre to Crystal Cove	2009	Barred Sand Bass	Composite	0.21	0.61	23.8	39.1	0.0	0.6	
9	9	San Onofre to Crystal Cove	2009	Chub Mackerel	Composite	0.11	0.38	8.6	28.4	0.0	0.4	
9	9	San Onofre to Crystal Cove	2009	Kelp Bass	Composite	0.12						
9	9	San Onofre to Crystal Cove	2009	Kelp Bass	Composite	0.10	0.36	1.7	8.9	0.0	0.0	
9	9	San Onofre to Crystal Cove	2009	Pacific Barracuda	Composite	0.14	0.27	41.6	79.0	0.0	2.8	
9	10	Dana Point Harbor	2009	Opaleye	Composite	0.05	0.28	0.2	0.0	0.0	0.0	
9	10	Dana Point Harbor	2009	Shiner Surfperch	Composite	0.02						
9	10	Dana Point Harbor	2009	Shiner Surfperch	Composite	0.02	0.42	49.3	13.0	3.0	7.4	
9	10	Dana Point Harbor	2009	Spotfin Croaker	Composite	0.01	0.35	3.1	2.8	0.0	0.0	
9	10	Dana Point Harbor	2009	Top Smelt	Composite	0.06	0.51	3.4	12.0	0.0	0.4	
9	10	Dana Point Harbor	2009	White Croaker	Composite	0.07	0.34	0.5	3.2	0.0	0.2	
9	10	Dana Point Harbor	2009	White Surfperch	Composite	0.03						
9	10	Dana Point Harbor	2009	White Surfperch	Composite	0.03	0.24	11.9	19.6	0.0	1.9	

APPENDIX 3

Year 1 results of the SWAMP Coast Survey: composites
or averages at each location

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	06SNPBL	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	PBDE	1.25	ng/g ww	0.21	595	Composite	657
2	06SNPBL	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	SELENIUM	0.41	ug/g ww	0.21	195	Composite	657
2	06SNPBL	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	PCB	8.83	ng/g ww	0.21	4204	Composite	657
2	06SNPBL	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	MERCURY	0.18	ug/g ww	0.21	88	Composite	657
2	06SNPBL	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	DDT	2.62	ng/g ww	0.21	1246	Composite	657
2	06SNPBL	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	CHLORDANE	0.22	ng/g ww	0.21	104	Composite	657
2	06SNPBL	San Pablo Bay (5)	Jack Smelt	5	FIL	Skin off	MERCURY	0.10	ug/g ww	0.83	12	Composite	264
2	06SNPBL	San Pablo Bay (5)	Jack Smelt	5	FIL	Skin off	DDT	12.04	ng/g ww	0.83	1454	Composite	264
2	06SNPBL	San Pablo Bay (5)	Jack Smelt	5	FIL	Skin off	CHLORDANE	0.93	ng/g ww	0.83	112	Composite	264
2	06SNPBL	San Pablo Bay (5)	Jack Smelt	5	FIL	Skin off	SELENIUM	0.37	ug/g ww	0.83	45	Composite	264
2	06SNPBL	San Pablo Bay (5)	Jack Smelt	5	FIL	Skin off	PBDE	1.54	ng/g ww	0.83	186	Composite	264
2	06SNPBL	San Pablo Bay (5)	Jack Smelt	5	FIL	Skin off	PCB	18.78	ng/g ww	0.83	2268	Composite	264
2	06SNPBL	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	MERCURY	1.49	ug/g ww			Average of Individuals	1103
2	06SNPBL	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	CHLORDANE	1.23	ng/g ww	0.41	302	Composite	1103
2	06SNPBL	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	DDT	10.43	ng/g ww	0.41	2562	Composite	1103
2	06SNPBL	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	PBDE	6.29	ng/g ww	0.41	1545	Composite	1103
2	06SNPBL	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	PCB	24.95	ng/g ww	0.41	6130	Composite	1103
2	06SNPBL	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	SELENIUM	0.34	ug/g ww	0.41	84	Composite	1103
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	13	WNHTG	On, Scale	DIELDRIN	0.53	ng/g ww	1.28	41	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	13	WNHTG	On, Scale	CHLORDANE	2.38	ng/g ww	1.28	186	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	13	WNHTG	On, Scale	PBDE	5.11	ng/g ww	1.28	399	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	13	WNHTG	On, Scale	PCB	44.63	ng/g ww	1.28	3486	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	13	WNHTG	On, Scale	SELENIUM	0.35	ug/g ww	1.28	27	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	13	WNHTG	On, Scale	MERCURY	0.09	ug/g ww	1.28	7	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	13	WNHTG	On, Scale	DDT	16.25	ng/g ww	1.28	1269	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	MERCURY	0.08	ug/g ww	1.32	6	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	PCB	32.90	ng/g ww	1.32	2493	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	PBDE	4.28	ng/g ww	1.32	324	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	DDT	13.41	ng/g ww	1.32	1016	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	SELENIUM	0.41	ug/g ww	1.32	31	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	CHLORDANE	1.56	ng/g ww	1.32	118	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	DDT	14.54	ng/g ww	1.35	1077	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	SELENIUM	0.52	ug/g ww	1.35	39	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	PCB	39.75	ng/g ww	1.35	2944	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	PBDE	5.75	ng/g ww	1.35	426	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	MERCURY	0.08	ug/g ww	1.35	6	Composite	107
2	06SNPBL	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	On, Scale	CHLORDANE	1.77	ng/g ww	1.35	131	Composite	107
2	06SNPBL	San Pablo Bay (5)	Striped Bass	12	FIL	Skin off	MERCURY	0.47	ug/g ww			Average of Individuals	611
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	SELENIUM	0.50	ug/g ww	0.39	127	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	CHLORDANE	0.88	ng/g ww	0.39	223	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	DDT	7.76	ng/g ww	0.39	1969	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	PBDE	3.56	ng/g ww	0.39	903	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	PCB	17.55	ng/g ww	0.39	4453	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	CHLORDANE	0.32	ng/g ww	0.40	80	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	PCB	19.06	ng/g ww	0.40	4802	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	PBDE	3.42	ng/g ww	0.40	861	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	SELENIUM	0.43	ug/g ww	0.40	108	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	DDT	7.13	ng/g ww	0.40	1795	Composite	667
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	SELENIUM	0.46	ug/g ww	0.43	107	Composite	540
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.43	0	Composite	540
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	PBDE	4.86	ng/g ww	0.43	1130	Composite	540

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	DDT	14.22	ng/g ww	0.43	3306	Composite	540
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	PCB	23.50	ng/g ww	0.43	5465	Composite	540
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	CHLORDANE	1.43	ng/g ww	0.43	333	Composite	540
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	CHLORDANE	0.24	ng/g ww	0.44	54	Composite	570
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	PBDE	1.39	ng/g ww	0.44	314	Composite	570
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	PCB	7.71	ng/g ww	0.44	1736	Composite	570
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.44	0	Composite	570
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	DDT	3.66	ng/g ww	0.44	825	Composite	570
2	06SNPBL	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	SELENIUM	0.50	ug/g ww	0.44	113	Composite	570
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	6	FIL	Skin off	SELENIUM	1.95	ug/g ww			Average of Individuals	1413
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	DDT	5.22	ng/g ww	0.46	1138	Composite	1323
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	PCB	5.35	ng/g ww	0.46	1165	Composite	1323
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	PBDE	1.85	ng/g ww	0.46	403	Composite	1323
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	CHLORDANE	0.28	ng/g ww	0.46	61	Composite	1323
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.46	0	Composite	1323
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	DDT	7.99	ng/g ww	0.65	1231	Composite	1503
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	PCB	12.84	ng/g ww	0.65	1979	Composite	1503
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	DIELDRIN	0.49	ng/g ww	0.65	76	Composite	1503
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	CHLORDANE	2.07	ng/g ww	0.65	318	Composite	1503
2	06SNPBL	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	PBDE	4.98	ng/g ww	0.65	768	Composite	1503
2	04STHBA	South Bay (1)	Jack Smelt	5	FIL	Skin off	PBDE	1.86	ng/g ww	0.60	309	Composite	264
2	04STHBA	South Bay (1)	Jack Smelt	5	FIL	Skin off	SELENIUM	0.41	ug/g ww	0.60	68	Composite	264
2	04STHBA	South Bay (1)	Jack Smelt	5	FIL	Skin off	CHLORDANE	4.12	ng/g ww	0.60	684	Composite	264
2	04STHBA	South Bay (1)	Jack Smelt	5	FIL	Skin off	PCB	40.39	ng/g ww	0.60	6710	Composite	264
2	04STHBA	South Bay (1)	Jack Smelt	5	FIL	Skin off	MERCURY	0.08	ug/g ww	0.60	13	Composite	264
2	04STHBA	South Bay (1)	Jack Smelt	5	FIL	Skin off	DIELDRIN	0.58	ng/g ww	0.60	96	Composite	264
2	04STHBA	South Bay (1)	Jack Smelt	5	FIL	Skin off	DDT	10.52	ng/g ww	0.60	1748	Composite	264
2	04STHBA	South Bay (1)	Leopard shark	3	FIL	Skin off	MERCURY	1.15	ug/g ww			Average of Individuals	1038
2	04STHBA	South Bay (1)	Leopard shark	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.36	0	Composite	1038
2	04STHBA	South Bay (1)	Leopard shark	3	FIL	Skin off	SELENIUM	0.33	ug/g ww	0.36	91	Composite	1038
2	04STHBA	South Bay (1)	Leopard shark	3	FIL	Skin off	PCB	16.83	ng/g ww	0.36	4662	Composite	1038
2	04STHBA	South Bay (1)	Leopard shark	3	FIL	Skin off	DDT	6.31	ng/g ww	0.36	1748	Composite	1038
2	04STHBA	South Bay (1)	Leopard shark	3	FIL	Skin off	CHLORDANE	0.88	ng/g ww	0.36	243	Composite	1038
2	04STHBA	South Bay (1)	Leopard shark	3	FIL	Skin off	PBDE	5.11	ng/g ww	0.36	1414	Composite	1038
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DIELDRIN	0.58	ng/g ww	1.07	54	Composite	87
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PBDE	5.80	ng/g ww	1.07	542	Composite	87
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DDT	13.32	ng/g ww	1.07	1244	Composite	87
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PCB	94.63	ng/g ww	1.07	8844	Composite	87
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	SELENIUM	0.51	ug/g ww	1.07	48	Composite	87
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	CHLORDANE	4.17	ng/g ww	1.07	389	Composite	87
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DIELDRIN	0.94	ng/g ww	1.08	87	Composite	88
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	SELENIUM	0.54	ug/g ww	1.08	50	Composite	88
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PBDE	8.28	ng/g ww	1.08	767	Composite	88
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PCB	115.48	ng/g ww	1.08	10693	Composite	88
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	CHLORDANE	6.58	ng/g ww	1.08	609	Composite	88
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DDT	20.06	ng/g ww	1.08	1858	Composite	88
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DIELDRIN	0.73	ng/g ww	1.10	67	Composite	92
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PBDE	7.19	ng/g ww	1.10	653	Composite	92
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DDT	16.01	ng/g ww	1.10	1455	Composite	92
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	CHLORDANE	4.82	ng/g ww	1.10	438	Composite	92
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PCB	102.54	ng/g ww	1.10	9321	Composite	92

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	SELENIUM	0.52	ug/g ww	1.10	47	Composite	92
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DDT	19.62	ng/g ww	1.50	1308	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	CHLORDANE	5.83	ng/g ww	1.50	389	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DIELDRIN	0.76	ng/g ww	1.50	51	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PBDE	8.20	ng/g ww	1.50	547	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	SELENIUM	0.50	ug/g ww	1.50	33	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PCB	119.23	ng/g ww	1.50	7948	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PBDE	8.73	ng/g ww	1.55	563	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PCB	128.82	ng/g ww	1.55	8311	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DIELDRIN	1.03	ng/g ww	1.55	66	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DDT	20.24	ng/g ww	1.55	1306	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	CHLORDANE	6.00	ng/g ww	1.55	387	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	SELENIUM	0.33	ug/g ww	1.55	21	Composite	89
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DDT	18.71	ng/g ww	1.57	1192	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	SELENIUM	0.50	ug/g ww	1.57	32	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PCB	118.53	ng/g ww	1.57	7550	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PBDE	8.41	ng/g ww	1.57	535	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DIELDRIN	0.96	ng/g ww	1.57	61	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	CHLORDANE	5.54	ng/g ww	1.57	353	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DDT	19.56	ng/g ww	1.62	1208	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	CHLORDANE	6.17	ng/g ww	1.62	381	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	SELENIUM	0.45	ug/g ww	1.62	28	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	DIELDRIN	0.88	ng/g ww	1.62	55	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PBDE	7.81	ng/g ww	1.62	482	Composite	91
2	04STHBA	South Bay (1)	Northern Anchovy	39	FIL	Skin off	PCB	117.76	ng/g ww	1.62	7269	Composite	91
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	DDT	24.16	ng/g ww	1.71	1413	Composite	164
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	DIELDRIN	0.99	ng/g ww	1.71	58	Composite	164
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	MERCURY	0.12	ug/g ww	1.71	7	Composite	164
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	PBDE	8.33	ng/g ww	1.71	487	Composite	164
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	SELENIUM	0.34	ug/g ww	1.71	20	Composite	164
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	CHLORDANE	6.40	ng/g ww	1.71	375	Composite	164
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	PCB	109.80	ng/g ww	1.71	6421	Composite	164
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	SELENIUM	0.21	ug/g ww	2.03	10	Composite	114
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	PCB	104.16	ng/g ww	2.03	5131	Composite	114
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	PBDE	8.85	ng/g ww	2.03	436	Composite	114
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	MERCURY	0.13	ug/g ww	2.03	7	Composite	114
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	DIELDRIN	1.19	ng/g ww	2.03	59	Composite	114
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	DDT	23.53	ng/g ww	2.03	1159	Composite	114
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	CHLORDANE	8.23	ng/g ww	2.03	405	Composite	114
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	PBDE	12.05	ng/g ww	2.11	571	Composite	117
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	DDT	27.14	ng/g ww	2.11	1286	Composite	117
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	CHLORDANE	8.70	ng/g ww	2.11	412	Composite	117
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	DIELDRIN	1.37	ng/g ww	2.11	65	Composite	117
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	MERCURY	0.13	ug/g ww	2.11	6	Composite	117
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	PCB	118.10	ng/g ww	2.11	5597	Composite	117
2	04STHBA	South Bay (1)	Shiner Surfperch	19	WNHTG	on, Scale	SELENIUM	0.50	ug/g ww	2.11	24	Composite	117
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	PBDE	0.94	ng/g ww	0.48	198	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	CHLORDANE	0.22	ng/g ww	0.48	45	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.48	0	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	SELENIUM	0.42	ug/g ww	0.48	88	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	PCB	8.43	ng/g ww	0.48	1770	Composite	276

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	DDT	1.76	ng/g ww	0.48	369	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	SELENIUM	0.53	ug/g ww	0.83	64	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	PCB	28.28	ng/g ww	0.83	3419	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	PBDE	1.95	ng/g ww	0.83	235	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	DIELDRIN	0.47	ng/g ww	0.83	57	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	CHLORDANE	0.99	ng/g ww	0.83	120	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	DDT	4.86	ng/g ww	0.83	588	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	PCB	38.55	ng/g ww	1.25	3084	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	CHLORDANE	2.48	ng/g ww	1.25	198	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	DDT	8.02	ng/g ww	1.25	642	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	DIELDRIN	0.56	ng/g ww	1.25	45	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	PBDE	3.57	ng/g ww	1.25	285	Composite	276
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	SELENIUM	0.45	ug/g ww	2.44	18	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	CHLORDANE	3.26	ng/g ww	2.44	133	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	DIELDRIN	0.84	ng/g ww	2.44	35	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	DDT	11.14	ng/g ww	2.44	457	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	PBDE	5.40	ng/g ww	2.44	221	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	Skin off	PCB	72.06	ng/g ww	2.44	2953	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	DIELDRIN	1.12	ng/g ww	5.79	19	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	DDT	39.54	ng/g ww	5.79	683	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	CHLORDANE	10.10	ng/g ww	5.79	175	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	PCB	214.04	ng/g ww	5.79	3697	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	PBDE	15.82	ng/g ww	5.79	273	Composite	290
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	PCB	237.88	ng/g ww	6.19	3843	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	PBDE	16.20	ng/g ww	6.19	262	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	DDT	35.54	ng/g ww	6.19	574	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	CHLORDANE	9.36	ng/g ww	6.19	151	Composite	287
2	04STHBA	South Bay (1)	White Croaker	5	FIL	on, Scale	DIELDRIN	1.20	ng/g ww	6.19	19	Composite	287
2	04STHBA	South Bay (1)	White Sturgeon	6	FIL	Skin off	SELENIUM	1.00	ug/g ww			Average of Individuals	1230
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	PBDE	1.62	ng/g ww	0.40	403	Composite	1223
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.40	0	Composite	1223
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	DDT	4.45	ng/g ww	0.40	1105	Composite	1223
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	CHLORDANE	1.35	ng/g ww	0.40	334	Composite	1223
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	PCB	14.45	ng/g ww	0.40	3586	Composite	1223
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	PBDE	2.87	ng/g ww	0.50	576	Composite	1237
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	DDT	4.49	ng/g ww	0.50	899	Composite	1237
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	CHLORDANE	1.28	ng/g ww	0.50	256	Composite	1237
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	PCB	13.31	ng/g ww	0.50	2667	Composite	1237
2	04STHBA	South Bay (1)	White Sturgeon	3	FIL	Skin off	DIELDRIN	0.45	ng/g ww	0.50	91	Composite	1237
2	03SANFR	San Francisco Waterfront (	California Halibut	3	FIL	Skin off	SELENIUM	0.32	ug/g ww	0.21	151	Composite	640
2	03SANFR	San Francisco Waterfront (	California Halibut	3	FIL	Skin off	CHLORDANE	0.30	ng/g ww	0.21	142	Composite	640
2	03SANFR	San Francisco Waterfront (	California Halibut	3	FIL	Skin off	DDT	3.79	ng/g ww	0.21	1787	Composite	640
2	03SANFR	San Francisco Waterfront (	California Halibut	3	FIL	Skin off	MERCURY	0.24	ug/g ww	0.21	114	Composite	640
2	03SANFR	San Francisco Waterfront (	California Halibut	3	FIL	Skin off	PCB	32.76	ng/g ww	0.21	15455	Composite	640
2	03SANFR	San Francisco Waterfront (	California Halibut	3	FIL	Skin off	PBDE	2.44	ng/g ww	0.21	1149	Composite	640
2	03SANFR	San Francisco Waterfront (	Jack Smelt	5	FIL	Skin off	DDT	10.28	ng/g ww	0.40	2544	Composite	259
2	03SANFR	San Francisco Waterfront (	Jack Smelt	5	FIL	Skin off	CHLORDANE	0.35	ng/g ww	0.40	87	Composite	259
2	03SANFR	San Francisco Waterfront (	Jack Smelt	5	FIL	Skin off	MERCURY	0.08	ug/g ww	0.40	20	Composite	259
2	03SANFR	San Francisco Waterfront (	Jack Smelt	5	FIL	Skin off	PBDE	0.97	ng/g ww	0.40	241	Composite	259
2	03SANFR	San Francisco Waterfront (	Jack Smelt	5	FIL	Skin off	PCB	8.57	ng/g ww	0.40	2120	Composite	259
2	03SANFR	San Francisco Waterfront (	Jack Smelt	5	FIL	Skin off	SELENIUM	0.23	ug/g ww	0.40	57	Composite	259

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	PBDE	6.67	ng/g ww	1.22	546	Composite	117
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	CHLORDANE	8.22	ng/g ww	1.22	673	Composite	117
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	DDT	19.03	ng/g ww	1.22	1560	Composite	117
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	MERCURY	0.10	ug/g ww	1.22	8	Composite	117
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	PCB	179.44	ng/g ww	1.22	14708	Composite	117
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	SELENIUM	0.53	ug/g ww	1.22	43	Composite	117
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	PCB	142.60	ng/g ww	1.23	11593	Composite	111
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	DDT	13.96	ng/g ww	1.23	1135	Composite	111
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	SELENIUM	0.49	ug/g ww	1.23	40	Composite	111
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	PBDE	4.49	ng/g ww	1.23	365	Composite	111
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	MERCURY	0.09	ug/g ww	1.23	7	Composite	111
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	CHLORDANE	4.71	ng/g ww	1.23	383	Composite	111
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	DDT	17.96	ng/g ww	1.35	1330	Composite	107
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	SELENIUM	0.48	ug/g ww	1.35	36	Composite	107
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	PCB	164.17	ng/g ww	1.35	12161	Composite	107
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	PBDE	6.59	ng/g ww	1.35	488	Composite	107
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	MERCURY	0.08	ug/g ww	1.35	6	Composite	107
2	03SANFR	San Francisco Waterfront (	Shiner Surfperch	16	WNHTG	On, Scale	CHLORDANE	11.04	ng/g ww	1.35	818	Composite	107
2	03OAKLN	Oakland (2)	Jack Smelt	5	FIL	Skin off	PCB	19.63	ng/g ww	0.91	2159	Composite	266
2	03OAKLN	Oakland (2)	Jack Smelt	5	FIL	Skin off	DIELDRIN	0.51	ng/g ww	0.91	56	Composite	266
2	03OAKLN	Oakland (2)	Jack Smelt	5	FIL	Skin off	PBDE	1.81	ng/g ww	0.91	199	Composite	266
2	03OAKLN	Oakland (2)	Jack Smelt	5	FIL	Skin off	MERCURY	0.07	ug/g ww	0.91	8	Composite	266
2	03OAKLN	Oakland (2)	Jack Smelt	5	FIL	Skin off	SELENIUM	0.28	ug/g ww	0.91	31	Composite	266
2	03OAKLN	Oakland (2)	Jack Smelt	5	FIL	Skin off	DDT	17.31	ng/g ww	0.91	1904	Composite	266
2	03OAKLN	Oakland (2)	Jack Smelt	5	FIL	Skin off	CHLORDANE	1.81	ng/g ww	0.91	199	Composite	266
2	03OAKLN	Oakland (2)	Northern Anchovy	32	FIL	Skin off	DDT	23.26	ng/g ww	1.81	1285	Composite	84
2	03OAKLN	Oakland (2)	Northern Anchovy	32	FIL	Skin off	CHLORDANE	6.06	ng/g ww	1.81	335	Composite	84
2	03OAKLN	Oakland (2)	Northern Anchovy	32	FIL	Skin off	DIELDRIN	0.95	ng/g ww	1.81	53	Composite	84
2	03OAKLN	Oakland (2)	Northern Anchovy	32	FIL	Skin off	PBDE	9.41	ng/g ww	1.81	520	Composite	84
2	03OAKLN	Oakland (2)	Northern Anchovy	32	FIL	Skin off	SELENIUM	0.47	ug/g ww	1.81	26	Composite	84
2	03OAKLN	Oakland (2)	Northern Anchovy	32	FIL	Skin off	PCB	153.23	ng/g ww	1.81	8466	Composite	84
2	03OAKLN	Oakland (2)	Northern Anchovy	33	FIL	Skin off	CHLORDANE	4.26	ng/g ww	2.11	202	Composite	85
2	03OAKLN	Oakland (2)	Northern Anchovy	33	FIL	Skin off	SELENIUM	0.41	ug/g ww	2.11	19	Composite	85
2	03OAKLN	Oakland (2)	Northern Anchovy	33	FIL	Skin off	PCB	111.99	ng/g ww	2.11	5308	Composite	85
2	03OAKLN	Oakland (2)	Northern Anchovy	33	FIL	Skin off	DDT	19.19	ng/g ww	2.11	909	Composite	85
2	03OAKLN	Oakland (2)	Northern Anchovy	33	FIL	Skin off	DIELDRIN	1.04	ng/g ww	2.11	49	Composite	85
2	03OAKLN	Oakland (2)	Northern Anchovy	33	FIL	Skin off	PBDE	7.42	ng/g ww	2.11	352	Composite	85
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	DIELDRIN	1.08	ng/g ww	1.17	92	Composite	109
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	DDT	29.01	ng/g ww	1.17	2479	Composite	109
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	CHLORDANE	14.79	ng/g ww	1.17	1264	Composite	109
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	PBDE	11.69	ng/g ww	1.17	999	Composite	109
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	MERCURY	0.20	ug/g ww	1.17	17	Composite	109
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	SELENIUM	0.39	ug/g ww	1.17	33	Composite	109
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	PCB	213.79	ng/g ww	1.17	18273	Composite	109
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	PBDE	14.21	ng/g ww	1.39	1022	Composite	114
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	MERCURY	0.18	ug/g ww	1.39	13	Composite	114
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	SELENIUM	0.41	ug/g ww	1.39	29	Composite	114
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	PCB	206.68	ng/g ww	1.39	14869	Composite	114
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	DDT	30.44	ng/g ww	1.39	2190	Composite	114
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	DIELDRIN	1.03	ng/g ww	1.39	74	Composite	114
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	CHLORDANE	12.89	ng/g ww	1.39	927	Composite	114

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	DDT	34.36	ng/g ww	1.52	2260	Composite	112
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	DIELDRIN	1.28	ng/g ww	1.52	84	Composite	112
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	CHLORDANE	16.48	ng/g ww	1.52	1084	Composite	112
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	MERCURY	0.20	ug/g ww	1.52	13	Composite	112
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	SELENIUM	0.51	ug/g ww	1.52	34	Composite	112
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	PCB	228.32	ng/g ww	1.52	15021	Composite	112
2	03OAKLN	Oakland (2)	Shiner Surfperch	20	WNHTG	On, Scale	PBDE	12.19	ng/g ww	1.52	802	Composite	112
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	CHLORDANE	0.76	ng/g ww	0.57	135	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DDT	3.57	ng/g ww	0.57	629	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.57	0	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PBDE	2.48	ng/g ww	0.57	437	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PCB	25.28	ng/g ww	0.57	4458	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	SELENIUM	0.36	ug/g ww	0.57	63	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	CHLORDANE	1.72	ng/g ww	0.86	200	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PCB	49.86	ng/g ww	0.86	5777	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DDT	7.70	ng/g ww	0.86	892	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PBDE	5.13	ng/g ww	0.86	594	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	SELENIUM	0.29	ug/g ww	0.86	34	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	SELENIUM	0.31	ug/g ww	0.91	34	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PCB	43.90	ng/g ww	0.91	4825	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PBDE	3.29	ng/g ww	0.91	362	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DIELDRIN	0.47	ng/g ww	0.91	51	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DDT	6.09	ng/g ww	0.91	669	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	CHLORDANE	1.73	ng/g ww	0.91	190	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DDT	6.69	ng/g ww	0.98	686	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.98	0	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	CHLORDANE	1.95	ng/g ww	0.98	200	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	SELENIUM	0.35	ug/g ww	0.98	36	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PBDE	3.25	ng/g ww	0.98	333	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PCB	37.19	ng/g ww	0.98	3815	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DIELDRIN	0.58	ng/g ww	1.18	49	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DDT	12.86	ng/g ww	1.18	1090	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PBDE	5.73	ng/g ww	1.18	485	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PCB	59.86	ng/g ww	1.18	5072	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	CHLORDANE	3.07	ng/g ww	1.18	260	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	SELENIUM	0.48	ug/g ww	1.18	41	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PBDE	8.04	ng/g ww	1.29	623	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PCB	77.09	ng/g ww	1.29	5976	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DIELDRIN	0.69	ng/g ww	1.29	53	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DDT	12.25	ng/g ww	1.29	949	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	CHLORDANE	3.88	ng/g ww	1.29	301	Composite	263
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DIELDRIN	0.76	ng/g ww	1.78	43	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PCB	79.60	ng/g ww	1.78	4472	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PBDE	7.19	ng/g ww	1.78	404	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	SELENIUM	0.44	ug/g ww	1.78	25	Composite	251
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	CHLORDANE	3.75	ng/g ww	1.78	211	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DDT	14.23	ng/g ww	1.78	799	Composite	213
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PCB	64.81	ng/g ww	1.78	3641	Composite	251
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PBDE	5.14	ng/g ww	1.78	289	Composite	251
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DIELDRIN	0.69	ng/g ww	1.78	39	Composite	251
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DDT	11.85	ng/g ww	1.78	666	Composite	251

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	CHLORDANE	2.93	ng/g ww	1.78	165	Composite	251
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PBDE	8.17	ng/g ww	1.80	454	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DDT	17.34	ng/g ww	1.80	963	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DIELDRIN	0.77	ng/g ww	1.80	43	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	CHLORDANE	4.66	ng/g ww	1.80	259	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PCB	97.59	ng/g ww	1.80	5422	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	SELENIUM	0.38	ug/g ww	1.80	21	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DDT	15.74	ng/g ww	1.95	807	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PCB	118.78	ng/g ww	1.95	6091	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	CHLORDANE	3.05	ng/g ww	1.95	156	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PBDE	7.67	ng/g ww	1.95	393	Composite	220
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	CHLORDANE	4.30	ng/g ww	2.04	211	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DDT	16.84	ng/g ww	2.04	825	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	SELENIUM	0.35	ug/g ww	2.04	17	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	DIELDRIN	0.75	ng/g ww	2.04	37	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PBDE	9.10	ng/g ww	2.04	446	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	Skin off	PCB	122.68	ng/g ww	2.04	6014	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PCB	184.60	ng/g ww	2.25	8204	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DDT	25.29	ng/g ww	2.25	1124	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PBDE	14.61	ng/g ww	2.25	649	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	CHLORDANE	5.24	ng/g ww	2.25	233	Composite	217
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PBDE	15.92	ng/g ww	2.40	663	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PCB	166.13	ng/g ww	2.40	6922	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DDT	23.92	ng/g ww	2.40	997	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	CHLORDANE	6.12	ng/g ww	2.40	255	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	CHLORDANE	7.01	ng/g ww	3.04	231	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PBDE	15.14	ng/g ww	3.04	498	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DIELDRIN	0.96	ng/g ww	3.04	31	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DDT	30.29	ng/g ww	3.04	996	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PCB	203.58	ng/g ww	3.04	6697	Composite	275
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DDT	26.07	ng/g ww	3.27	797	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DIELDRIN	1.03	ng/g ww	3.27	31	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PBDE	13.35	ng/g ww	3.27	408	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PCB	170.06	ng/g ww	3.27	5201	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	CHLORDANE	6.97	ng/g ww	3.27	213	Composite	241
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	CHLORDANE	6.71	ng/g ww	4.25	158	Composite	251
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PCB	165.95	ng/g ww	4.25	3905	Composite	251
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DDT	29.79	ng/g ww	4.25	701	Composite	251
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	PBDE	13.04	ng/g ww	4.25	307	Composite	251
2	03OAKLN	Oakland (2)	White Croaker	5	FIL	on, Scale	DIELDRIN	1.28	ng/g ww	4.25	30	Composite	251
2	03CENTR	Central Bay (6)	California Halibut	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.26	0	Composite	693
2	03CENTR	Central Bay (6)	California Halibut	3	FIL	Skin off	MERCURY	0.24	ug/g ww	0.26	90	Composite	693
2	03CENTR	Central Bay (6)	California Halibut	3	FIL	Skin off	DDT	2.98	ng/g ww	0.26	1142	Composite	693
2	03CENTR	Central Bay (6)	California Halibut	3	FIL	Skin off	PBDE	1.76	ng/g ww	0.26	674	Composite	693
2	03CENTR	Central Bay (6)	California Halibut	3	FIL	Skin off	SELENIUM	0.46	ug/g ww	0.26	176	Composite	693
2	03CENTR	Central Bay (6)	California Halibut	3	FIL	Skin off	PCB	13.02	ng/g ww	0.26	4989	Composite	693
2	03CENTR	Central Bay (6)	California Halibut	3	FIL	Skin off	CHLORDANE	0.32	ng/g ww	0.26	121	Composite	693
2	03CENTR	Central Bay (6)	Leopard shark	3	FIL	Skin off	MERCURY	1.23	ug/g ww			Average of Individuals	1143
2	03CENTR	Central Bay (6)	Leopard shark	3	FIL	Skin off	PCB	19.96	ng/g ww	0.36	5529	Composite	1143
2	03CENTR	Central Bay (6)	Leopard shark	3	FIL	Skin off	PBDE	3.38	ng/g ww	0.36	935	Composite	1143
2	03CENTR	Central Bay (6)	Leopard shark	3	FIL	Skin off	SELENIUM	0.23	ug/g ww	0.36	64	Composite	1143

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	03CENTR	Central Bay (6)	Leopard shark	3	FIL	Skin off	DIELDRIN	0.47	ng/g ww	0.36	130	Composite	1143
2	03CENTR	Central Bay (6)	Leopard shark	3	FIL	Skin off	DDT	5.05	ng/g ww	0.36	1398	Composite	1143
2	03CENTR	Central Bay (6)	Leopard shark	3	FIL	Skin off	CHLORDANE	1.33	ng/g ww	0.36	369	Composite	1143
2	03CENTR	Central Bay (6)	Striped Bass	6	FIL	Skin off	MERCURY	0.43	ug/g ww			Average of Individuals	604
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	DDT	12.14	ng/g ww	0.43	2809	Composite	683
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	CHLORDANE	2.23	ng/g ww	0.43	517	Composite	683
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	PCB	46.52	ng/g ww	0.43	10768	Composite	683
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	SELENIUM	0.46	ug/g ww	0.43	106	Composite	683
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	PBDE	7.36	ng/g ww	0.43	1704	Composite	683
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	DIELDRIN	0.52	ng/g ww	0.43	121	Composite	683
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	PCB	67.37	ng/g ww	1.52	4432	Composite	525
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	DDT	21.45	ng/g ww	1.52	1411	Composite	525
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	SELENIUM	0.42	ug/g ww	1.52	28	Composite	525
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	DIELDRIN	0.74	ng/g ww	1.52	49	Composite	525
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	PBDE	9.12	ng/g ww	1.52	600	Composite	525
2	03CENTR	Central Bay (6)	Striped Bass	3	FIL	Skin off	CHLORDANE	4.09	ng/g ww	1.52	269	Composite	525
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	Skin off	PCB	14.77	ng/g ww	0.75	1980	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	Skin off	PBDE	0.91	ng/g ww	0.75	122	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	Skin off	SELENIUM	0.36	ug/g ww	0.75	48	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	Skin off	DDT	4.18	ng/g ww	0.75	560	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	Skin off	CHLORDANE	0.24	ng/g ww	0.75	32	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	Skin off	DIELDRIN	0.46	ng/g ww	0.75	62	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	on, Scale	PCB	71.85	ng/g ww	2.62	2742	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	on, Scale	CHLORDANE	2.97	ng/g ww	2.62	113	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	on, Scale	DDT	19.27	ng/g ww	2.62	735	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	on, Scale	DIELDRIN	1.08	ng/g ww	2.62	41	Composite	260
2	03CENTR	Central Bay (6)	White Croaker	5	FIL	on, Scale	PBDE	5.67	ng/g ww	2.62	217	Composite	260
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	PCB	76.62	ng/g ww	1.50	5108	Composite	116
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	SELENIUM	0.41	ug/g ww	1.50	27	Composite	116
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	PBDE	8.02	ng/g ww	1.50	534	Composite	116
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	DDT	18.91	ng/g ww	1.50	1260	Composite	116
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	CHLORDANE	2.69	ng/g ww	1.50	179	Composite	116
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	MERCURY	0.10	ug/g ww	1.50	7	Composite	116
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	CHLORDANE	3.44	ng/g ww	1.73	199	Composite	112
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	PBDE	8.13	ng/g ww	1.73	470	Composite	112
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	MERCURY	0.10	ug/g ww	1.73	6	Composite	112
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	DDT	23.30	ng/g ww	1.73	1347	Composite	112
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	PCB	83.26	ng/g ww	1.73	4813	Composite	112
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	SELENIUM	0.39	ug/g ww	1.73	23	Composite	112
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	PBDE	7.45	ng/g ww	1.85	402	Composite	117
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	PCB	72.62	ng/g ww	1.85	3925	Composite	117
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	SELENIUM	0.41	ug/g ww	1.85	22	Composite	117
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	CHLORDANE	2.68	ng/g ww	1.85	145	Composite	117
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	MERCURY	0.10	ug/g ww	1.85	6	Composite	117
2	03BRKLE	Berkeley (4)	Shiner Surfperch	19	WNHTG	On, Scale	DDT	21.55	ng/g ww	1.85	1165	Composite	117
2	53	Northern Marin Coast	Blue Rockfish	3	FIL	Skin off	MERCURY	0.06	ug/g ww			Average of Individuals	256
2	53	Northern Marin Coast	Blue Rockfish	3	FIL	Skin off	PCB	0.00	ng/g ww	0.60	0	Composite	256
2	53	Northern Marin Coast	Blue Rockfish	3	FIL	Skin off	SELENIUM	0.45	ug/g ww	0.60	75	Composite	256
2	53	Northern Marin Coast	Blue Rockfish	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.60	0	Composite	256
2	53	Northern Marin Coast	Blue Rockfish	3	FIL	Skin off	DDT	0.67	ng/g ww	0.60	112	Composite	256
2	53	Northern Marin Coast	Blue Rockfish	3	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.60	0	Composite	256

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	53	Northern Marin Coast	Brown Rockfish	5	FIL	Skin off	PCB	1.65	ng/g ww	0.41	405	Composite	292
2	53	Northern Marin Coast	Brown Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.41	0	Composite	292
2	53	Northern Marin Coast	Brown Rockfish	5	FIL	Skin off	MERCURY	0.24	ug/g ww	0.41	60	Composite	292
2	53	Northern Marin Coast	Brown Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.41	0	Composite	292
2	53	Northern Marin Coast	Brown Rockfish	5	FIL	Skin off	DDT	2.21	ng/g ww	0.41	544	Composite	292
2	53	Northern Marin Coast	Brown Rockfish	5	FIL	Skin off	SELENIUM	0.28	ug/g ww	0.41	69	Composite	292
2	53	Northern Marin Coast	Olive Rockfish	10	FIL	Skin off	MERCURY	0.04	ug/g ww			Average of Individuals	262
2	53	Northern Marin Coast	Olive Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.47	0	Composite	268
2	53	Northern Marin Coast	Olive Rockfish	5	FIL	Skin off	DDT	0.70	ng/g ww	0.47	148	Composite	268
2	53	Northern Marin Coast	Olive Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.47	0	Composite	268
2	53	Northern Marin Coast	Olive Rockfish	5	FIL	Skin off	PCB	0.00	ng/g ww	0.47	0	Composite	268
2	53	Northern Marin Coast	Olive Rockfish	5	FIL	Skin off	SELENIUM	0.47	ug/g ww	0.47	100	Composite	268
2	52	Tomales Bay	wn Smooth-hound Sh	3	FIL	Skin off	PCB	1.05	ng/g ww	0.55	192	Composite	839
2	52	Tomales Bay	wn Smooth-hound Sh	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.55	0	Composite	839
2	52	Tomales Bay	wn Smooth-hound Sh	3	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.55	0	Composite	839
2	52	Tomales Bay	wn Smooth-hound Sh	3	FIL	Skin off	DDT	1.58	ng/g ww	0.55	289	Composite	839
2	52	Tomales Bay	wn Smooth-hound Sh	3	FIL	Skin off	MERCURY	0.83	ug/g ww	0.55	152	Composite	839
2	52	Tomales Bay	wn Smooth-hound Sh	3	FIL	Skin off	SELENIUM	0.19	ug/g ww	0.55	35	Composite	839
2	52	Tomales Bay	Leopard shark	3	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.48	0	Composite	1182
2	52	Tomales Bay	Leopard shark	3	FIL	Skin off	DDT	1.66	ng/g ww	0.48	347	Composite	1182
2	52	Tomales Bay	Leopard shark	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.48	0	Composite	1182
2	52	Tomales Bay	Leopard shark	3	FIL	Skin off	MERCURY	1.22	ug/g ww	0.48	255	Composite	1182
2	52	Tomales Bay	Leopard shark	3	FIL	Skin off	PCB	2.54	ng/g ww	0.48	532	Composite	1182
2	52	Tomales Bay	Leopard shark	3	FIL	Skin off	SELENIUM	0.31	ug/g ww	0.48	65	Composite	1182
2	52	Tomales Bay	Shiner Surfperch	10	FIL	Skin off	MERCURY	0.06	ug/g ww			Average of Individuals	77
2	52	Tomales Bay	Shiner Surfperch	24	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	3.46	0	Composite	72
2	52	Tomales Bay	Shiner Surfperch	24	WNHTG	on, Scale	PCB	3.24	ng/g ww	3.46	94	Composite	72
2	52	Tomales Bay	Shiner Surfperch	24	WNHTG	on, Scale	DDT	2.88	ng/g ww	3.46	83	Composite	72
2	52	Tomales Bay	Shiner Surfperch	24	WNHTG	on, Scale	SELENIUM	0.37	ug/g ww	3.46	11	Composite	72
2	52	Tomales Bay	Shiner Surfperch	24	WNHTG	on, Scale	CHLORDANE	0.00	ng/g ww	3.46	0	Composite	72
2	52	Tomales Bay	Shiner Surfperch	24	WNHTG	on, Scale	MERCURY	0.07	ug/g ww	3.46	2	Composite	72
2	52	Tomales Bay	Top Smelt	6	WNHTG	on, Scale	SELENIUM	0.31	ug/g ww	3.24	10	Composite	254
2	52	Tomales Bay	Top Smelt	6	WNHTG	on, Scale	CHLORDANE	0.42	ng/g ww	3.24	13	Composite	254
2	52	Tomales Bay	Top Smelt	6	WNHTG	on, Scale	DDT	15.51	ng/g ww	3.24	479	Composite	254
2	52	Tomales Bay	Top Smelt	6	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	3.24	0	Composite	254
2	52	Tomales Bay	Top Smelt	6	WNHTG	on, Scale	PCB	5.75	ng/g ww	3.24	178	Composite	254
2	52	Tomales Bay	Top Smelt	6	WNHTG	on, Scale	MERCURY	0.05	ug/g ww	3.24	2	Composite	254
2	52	Tomales Bay	White Surfperch	10	FIL	Skin off	MERCURY	0.04	ug/g ww			Average of Individuals	120
2	52	Tomales Bay	White Surfperch	14	WNHTG	on, Scale	SELENIUM	0.08	ug/g ww	1.91	4	Composite	116
2	52	Tomales Bay	White Surfperch	14	WNHTG	on, Scale	PCB	0.21	ng/g ww	1.91	11	Composite	116
2	52	Tomales Bay	White Surfperch	14	WNHTG	on, Scale	MERCURY	0.04	ug/g ww	1.91	2	Composite	116
2	52	Tomales Bay	White Surfperch	14	WNHTG	on, Scale	CHLORDANE	0.00	ng/g ww	1.91	0	Composite	116
2	52	Tomales Bay	White Surfperch	14	WNHTG	on, Scale	DDT	1.14	ng/g ww	1.91	60	Composite	116
2	52	Tomales Bay	White Surfperch	14	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	1.91	0	Composite	116
2	51	Southern Marin Coast	Barred Surfperch	8	FIL	Skin off	MERCURY	0.14	ug/g ww			Average of Individuals	206
2	51	Southern Marin Coast	Barred Surfperch	8	WNHTG	on, Scale	MERCURY	0.20	ug/g ww	2.77	7	Composite	206
2	51	Southern Marin Coast	Barred Surfperch	8	WNHTG	on, Scale	SELENIUM	0.45	ug/g ww	2.77	16	Composite	206
2	51	Southern Marin Coast	Barred Surfperch	8	WNHTG	on, Scale	PCB	18.33	ng/g ww	2.77	662	Composite	206
2	51	Southern Marin Coast	Barred Surfperch	8	WNHTG	on, Scale	CHLORDANE	1.50	ng/g ww	2.77	54	Composite	206
2	51	Southern Marin Coast	Barred Surfperch	8	WNHTG	on, Scale	DIELDRIN	0.49	ng/g ww	2.77	18	Composite	206
2	51	Southern Marin Coast	Barred Surfperch	8	WNHTG	on, Scale	DDT	12.31	ng/g ww	2.77	444	Composite	206

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	51	Southern Marin Coast	White Croaker	5	FIL	Skin off	PCB	1.96	ng/g ww	0.59	332	Composite	236
2	51	Southern Marin Coast	White Croaker	5	FIL	Skin off	SELENIUM	0.29	ug/g ww	0.59	49	Composite	236
2	51	Southern Marin Coast	White Croaker	5	FIL	Skin off	DDT	1.30	ng/g ww	0.59	220	Composite	236
2	51	Southern Marin Coast	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.59	0	Composite	236
2	51	Southern Marin Coast	White Croaker	5	FIL	Skin off	MERCURY	0.21	ug/g ww	0.59	35	Composite	236
2	51	Southern Marin Coast	White Croaker	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.59	0	Composite	236
2	50	Farallon Islands	Blue Rockfish	6	FIL	Skin off	MERCURY	0.04	ug/g ww			Average of Individuals	246
2	50	Farallon Islands	Blue Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	1.08	0	Composite	252
2	50	Farallon Islands	Blue Rockfish	5	FIL	Skin off	DDT	1.71	ng/g ww	1.08	158	Composite	252
2	50	Farallon Islands	Blue Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.08	0	Composite	252
2	50	Farallon Islands	Blue Rockfish	5	FIL	Skin off	SELENIUM	0.62	ug/g ww	1.08	57	Composite	252
2	50	Farallon Islands	Blue Rockfish	5	FIL	Skin off	PCB	0.00	ng/g ww	1.08	0	Composite	252
2	50	Farallon Islands	Gopher Rockfish	5	FIL	Skin off	MERCURY	0.29	ug/g ww	0.80	36	Composite	310
2	50	Farallon Islands	Gopher Rockfish	5	FIL	Skin off	DDT	2.28	ng/g ww	0.80	287	Composite	310
2	50	Farallon Islands	Gopher Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.80	0	Composite	310
2	50	Farallon Islands	Gopher Rockfish	5	FIL	Skin off	SELENIUM	0.33	ug/g ww	0.80	42	Composite	310
2	50	Farallon Islands	Gopher Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.80	0	Composite	310
2	50	Farallon Islands	Gopher Rockfish	5	FIL	Skin off	PCB	0.29	ng/g ww	0.80	37	Composite	310
2	50	Farallon Islands	Olive Rockfish	6	FIL	Skin off	MERCURY	0.14	ug/g ww			Average of Individuals	376
2	50	Farallon Islands	Olive Rockfish	5	FIL	Skin off	DDT	3.03	ng/g ww	0.43	710	Composite	375
2	50	Farallon Islands	Olive Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.43	0	Composite	375
2	50	Farallon Islands	Olive Rockfish	5	FIL	Skin off	SELENIUM	0.54	ug/g ww	0.43	126	Composite	375
2	50	Farallon Islands	Olive Rockfish	5	FIL	Skin off	PCB	0.21	ng/g ww	0.43	50	Composite	375
2	50	Farallon Islands	Olive Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.43	0	Composite	375
2	49	San Francisco Coast	Barred Surfperch	5	FIL	Skin off	MERCURY	0.14	ug/g ww			Average of Individuals	199
2	49	San Francisco Coast	Barred Surfperch	5	WNHTG	on, Scale	DDT	21.71	ng/g ww	5.15	421	Composite	199
2	49	San Francisco Coast	Barred Surfperch	5	WNHTG	on, Scale	SELENIUM	0.21	ug/g ww	5.15	4	Composite	199
2	49	San Francisco Coast	Barred Surfperch	5	WNHTG	on, Scale	MERCURY	0.11	ug/g ww	5.15	2	Composite	199
2	49	San Francisco Coast	Barred Surfperch	5	WNHTG	on, Scale	CHLORDANE	3.07	ng/g ww	5.15	60	Composite	199
2	49	San Francisco Coast	Barred Surfperch	5	WNHTG	on, Scale	PCB	35.77	ng/g ww	5.15	695	Composite	199
2	49	San Francisco Coast	Barred Surfperch	5	WNHTG	on, Scale	DIELDRIN	0.60	ng/g ww	5.15	12	Composite	199
2	49	San Francisco Coast	White Croaker	5	FIL	Skin off	SELENIUM	0.31	ug/g ww	1.19	26	Composite	222
2	49	San Francisco Coast	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.19	0	Composite	222
2	49	San Francisco Coast	White Croaker	5	FIL	Skin off	DDT	3.24	ng/g ww	1.19	273	Composite	222
2	49	San Francisco Coast	White Croaker	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	1.19	0	Composite	222
2	49	San Francisco Coast	White Croaker	5	FIL	Skin off	PCB	4.98	ng/g ww	1.19	418	Composite	222
2	49	San Francisco Coast	White Croaker	5	FIL	Skin off	MERCURY	0.24	ug/g ww	1.19	20	Composite	222
2	48	Pacifica Coast	Blue Rockfish	3	FIL	Skin off	MERCURY	0.08	ug/g ww			Average of Individuals	367
2	48	Pacifica Coast	Blue Rockfish	3	FIL	Skin off	DDT	3.33	ng/g ww	3.19	104	Composite	367
2	48	Pacifica Coast	Blue Rockfish	3	FIL	Skin off	SELENIUM	0.52	ug/g ww	3.19	16	Composite	367
2	48	Pacifica Coast	Blue Rockfish	3	FIL	Skin off	CHLORDANE	0.00	ng/g ww	3.19	0	Composite	367
2	48	Pacifica Coast	Blue Rockfish	3	FIL	Skin off	PCB	1.55	ng/g ww	3.19	49	Composite	367
2	48	Pacifica Coast	Blue Rockfish	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	3.19	0	Composite	367
2	48	Pacifica Coast	Gopher Rockfish	5	FIL	Skin off	SELENIUM	0.32	ug/g ww	0.74	43	Composite	303
2	48	Pacifica Coast	Gopher Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.74	0	Composite	303
2	48	Pacifica Coast	Gopher Rockfish	5	FIL	Skin off	DDT	1.66	ng/g ww	0.74	223	Composite	303
2	48	Pacifica Coast	Gopher Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.74	0	Composite	303
2	48	Pacifica Coast	Gopher Rockfish	5	FIL	Skin off	PCB	0.56	ng/g ww	0.74	75	Composite	303
2	48	Pacifica Coast	Gopher Rockfish	5	FIL	Skin off	MERCURY	0.34	ug/g ww	0.74	46	Composite	303
2	48	Pacifica Coast	Lingcod	3	FIL	Skin off	SELENIUM	0.25	ug/g ww	0.99	25	Composite	732
2	48	Pacifica Coast	Lingcod	3	FIL	Skin off	DDT	9.98	ng/g ww	0.99	1006	Composite	732

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	48	Pacifica Coast	Lingcod	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.99	0	Composite	732
2	48	Pacifica Coast	Lingcod	3	FIL	Skin off	CHLORDANE	0.35	ng/g ww	0.99	35	Composite	732
2	48	Pacifica Coast	Lingcod	3	FIL	Skin off	MERCURY	0.42	ug/g ww	0.99	42	Composite	732
2	48	Pacifica Coast	Lingcod	3	FIL	Skin off	PCB	8.11	ng/g ww	0.99	818	Composite	732
2	47	Half Moon Bay Coast	Barred Surfperch	10	FIL	Skin off	MERCURY	0.20	ug/g ww			Average of Individuals	259
2	47	Half Moon Bay Coast	Barred Surfperch	10	FIL	Skin off	DDT	2.71	ng/g ww	0.71	380	Composite	259
2	47	Half Moon Bay Coast	Barred Surfperch	10	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.71	0	Composite	259
2	47	Half Moon Bay Coast	Barred Surfperch	10	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.71	0	Composite	259
2	47	Half Moon Bay Coast	Barred Surfperch	10	FIL	Skin off	PCB	0.57	ng/g ww	0.71	79	Composite	259
2	47	Half Moon Bay Coast	Barred Surfperch	10	FIL	Skin off	SELENIUM	0.37	ug/g ww	0.71	52	Composite	259
2	47	Half Moon Bay Coast	Blue Rockfish	6	FIL	Skin off	MERCURY	0.07	ug/g ww			Average of Individuals	303
2	47	Half Moon Bay Coast	Blue Rockfish	5	FIL	Skin off	PCB	0.00	ng/g ww	1.37	0	Composite	290
2	47	Half Moon Bay Coast	Blue Rockfish	5	FIL	Skin off	SELENIUM	0.41	ug/g ww	1.37	30	Composite	290
2	47	Half Moon Bay Coast	Blue Rockfish	5	FIL	Skin off	DDT	0.98	ng/g ww	1.37	72	Composite	290
2	47	Half Moon Bay Coast	Blue Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	1.37	0	Composite	290
2	47	Half Moon Bay Coast	Blue Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.37	0	Composite	290
2	47	Half Moon Bay Coast	Brown Rockfish	3	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.63	0	Composite	361
2	47	Half Moon Bay Coast	Brown Rockfish	3	FIL	Skin off	MERCURY	0.26	ug/g ww	0.63	41	Composite	361
2	47	Half Moon Bay Coast	Brown Rockfish	3	FIL	Skin off	DDT	1.97	ng/g ww	0.63	311	Composite	361
2	47	Half Moon Bay Coast	Brown Rockfish	3	FIL	Skin off	PCB	3.22	ng/g ww	0.63	509	Composite	361
2	47	Half Moon Bay Coast	Brown Rockfish	3	FIL	Skin off	SELENIUM	0.29	ug/g ww	0.63	46	Composite	361
2	47	Half Moon Bay Coast	Brown Rockfish	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.63	0	Composite	361
2	47	Half Moon Bay Coast	Gopher Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.69	0	Composite	286
2	47	Half Moon Bay Coast	Gopher Rockfish	5	FIL	Skin off	MERCURY	0.26	ug/g ww	0.69	37	Composite	286
2	47	Half Moon Bay Coast	Gopher Rockfish	5	FIL	Skin off	DDT	1.39	ng/g ww	0.69	200	Composite	286
2	47	Half Moon Bay Coast	Gopher Rockfish	5	FIL	Skin off	SELENIUM	0.36	ug/g ww	0.69	52	Composite	286
2	47	Half Moon Bay Coast	Gopher Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.69	0	Composite	286
2	47	Half Moon Bay Coast	Gopher Rockfish	5	FIL	Skin off	PCB	0.52	ng/g ww	0.69	75	Composite	286
2	47	Half Moon Bay Coast	Lingcod	4	FIL	Skin off	SELENIUM	0.30	ug/g ww	1.16	26	Composite	658
2	47	Half Moon Bay Coast	Lingcod	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.16	0	Composite	658
2	47	Half Moon Bay Coast	Lingcod	4	FIL	Skin off	DDT	12.11	ng/g ww	1.16	1044	Composite	658
2	47	Half Moon Bay Coast	Lingcod	4	FIL	Skin off	CHLORDANE	0.35	ng/g ww	1.16	31	Composite	658
2	47	Half Moon Bay Coast	Lingcod	4	FIL	Skin off	PCB	4.95	ng/g ww	1.16	427	Composite	658
2	47	Half Moon Bay Coast	Lingcod	4	FIL	Skin off	MERCURY	0.27	ug/g ww	1.16	23	Composite	658
2	46	Pillar Point Harbor	Black Perch	6	FIL	Skin off	MERCURY	0.06	ug/g ww			Average of Individuals	210
2	46	Pillar Point Harbor	Black Perch	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.74	0	Composite	218
2	46	Pillar Point Harbor	Black Perch	5	FIL	Skin off	SELENIUM	0.18	ug/g ww	0.74	24	Composite	218
2	46	Pillar Point Harbor	Black Perch	5	FIL	Skin off	PCB	0.63	ng/g ww	0.74	86	Composite	218
2	46	Pillar Point Harbor	Black Perch	5	FIL	Skin off	DDT	1.69	ng/g ww	0.74	230	Composite	218
2	46	Pillar Point Harbor	Black Perch	5	FIL	Skin off	CHLORDANE	0.30	ng/g ww	0.74	41	Composite	218
2	46	Pillar Point Harbor	Shiner Surfperch	10	FIL	Skin off	MERCURY	0.06	ug/g ww			Average of Individuals	115
2	46	Pillar Point Harbor	Shiner Surfperch	19	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	2.47	0	Composite	116
2	46	Pillar Point Harbor	Shiner Surfperch	19	WNHTG	on, Scale	CHLORDANE	2.56	ng/g ww	2.47	104	Composite	116
2	46	Pillar Point Harbor	Shiner Surfperch	19	WNHTG	on, Scale	MERCURY	0.06	ug/g ww	2.47	2	Composite	116
2	46	Pillar Point Harbor	Shiner Surfperch	19	WNHTG	on, Scale	PCB	12.72	ng/g ww	2.47	515	Composite	116
2	46	Pillar Point Harbor	Shiner Surfperch	19	WNHTG	on, Scale	SELENIUM	0.23	ug/g ww	2.47	9	Composite	116
2	46	Pillar Point Harbor	Shiner Surfperch	19	WNHTG	on, Scale	DDT	12.99	ng/g ww	2.47	526	Composite	116
2	46	Pillar Point Harbor	Top Smelt	11	WNHTG	on, Scale	CHLORDANE	1.75	ng/g ww	2.49	70	Composite	235
2	46	Pillar Point Harbor	Top Smelt	11	WNHTG	on, Scale	DDT	15.81	ng/g ww	2.49	635	Composite	235
2	46	Pillar Point Harbor	Top Smelt	11	WNHTG	on, Scale	DIELDRIN	0.51	ng/g ww	2.49	20	Composite	235
2	46	Pillar Point Harbor	Top Smelt	11	WNHTG	on, Scale	MERCURY	0.09	ug/g ww	2.49	3	Composite	235

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
2	46	Pillar Point Harbor	Top Smelt	11	WNHTG	on, Scale	PCB	11.55	ng/g ww	2.49	464	Composite	235
2	46	Pillar Point Harbor	Top Smelt	11	WNHTG	on, Scale	SELENIUM	0.23	ug/g ww	2.49	9	Composite	235
2	46	Pillar Point Harbor	White Croaker	5	FIL	Skin off	MERCURY	0.10	ug/g ww	1.17	9	Composite	241
2	46	Pillar Point Harbor	White Croaker	5	FIL	Skin off	PCB	3.28	ng/g ww	1.17	280	Composite	241
2	46	Pillar Point Harbor	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.17	0	Composite	241
2	46	Pillar Point Harbor	White Croaker	5	FIL	Skin off	DDT	3.38	ng/g ww	1.17	289	Composite	241
2	46	Pillar Point Harbor	White Croaker	5	FIL	Skin off	CHLORDANE	0.29	ng/g ww	1.17	24	Composite	241
2	46	Pillar Point Harbor	White Croaker	5	FIL	Skin off	SELENIUM	0.27	ug/g ww	1.17	23	Composite	241
2	46	Pillar Point Harbor	White Surfperch	7	FIL	Skin off	MERCURY	0.07	ug/g ww			Average of Individuals	211
2	46	Pillar Point Harbor	White Surfperch	7	WNHTG	on, Scale	CHLORDANE	1.74	ng/g ww	2.07	84	Composite	211
2	46	Pillar Point Harbor	White Surfperch	7	WNHTG	on, Scale	SELENIUM	0.19	ug/g ww	2.07	9	Composite	211
2	46	Pillar Point Harbor	White Surfperch	7	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	2.07	0	Composite	211
2	46	Pillar Point Harbor	White Surfperch	7	WNHTG	on, Scale	MERCURY	0.06	ug/g ww	2.07	3	Composite	211
2	46	Pillar Point Harbor	White Surfperch	7	WNHTG	on, Scale	DDT	6.86	ng/g ww	2.07	331	Composite	211
2	46	Pillar Point Harbor	White Surfperch	7	WNHTG	on, Scale	PCB	5.26	ng/g ww	2.07	254	Composite	211
2	45	San Mateo Coast	Black Rockfish	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Average of Individuals	329
2	45	San Mateo Coast	Black Rockfish	5	FIL	Skin off	PCB	0.29	ng/g ww	1.53	19	Composite	329
2	45	San Mateo Coast	Black Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	1.53	0	Composite	329
2	45	San Mateo Coast	Black Rockfish	5	FIL	Skin off	SELENIUM	0.38	ug/g ww	1.53	25	Composite	329
2	45	San Mateo Coast	Black Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.53	0	Composite	329
2	45	San Mateo Coast	Black Rockfish	5	FIL	Skin off	DDT	2.65	ng/g ww	1.53	173	Composite	329
2	45	San Mateo Coast	Blue Rockfish	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Average of Individuals	250
2	45	San Mateo Coast	Blue Rockfish	5	FIL	Skin off	DDT	1.57	ng/g ww	0.87	180	Composite	250
2	45	San Mateo Coast	Blue Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.87	0	Composite	250
2	45	San Mateo Coast	Blue Rockfish	5	FIL	Skin off	SELENIUM	0.36	ug/g ww	0.87	41	Composite	250
2	45	San Mateo Coast	Blue Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.87	0	Composite	250
2	45	San Mateo Coast	Blue Rockfish	5	FIL	Skin off	PCB	0.00	ng/g ww	0.87	0	Composite	250
2	45	San Mateo Coast	Gopher Rockfish	5	FIL	Skin off	MERCURY	0.43	ug/g ww	0.43	102	Composite	284
2	45	San Mateo Coast	Gopher Rockfish	5	FIL	Skin off	SELENIUM	0.36	ug/g ww	0.43	85	Composite	284
2	45	San Mateo Coast	Gopher Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.43	0	Composite	284
2	45	San Mateo Coast	Gopher Rockfish	5	FIL	Skin off	CHLORDANE	0.23	ng/g ww	0.43	54	Composite	284
2	45	San Mateo Coast	Gopher Rockfish	5	FIL	Skin off	PCB	0.24	ng/g ww	0.43	56	Composite	284
2	45	San Mateo Coast	Gopher Rockfish	5	FIL	Skin off	DDT	3.34	ng/g ww	0.43	786	Composite	284
2	45	San Mateo Coast	Olive Rockfish	5	FIL	Skin off	MERCURY	0.15	ug/g ww			Average of Individuals	334
2	45	San Mateo Coast	Olive Rockfish	5	FIL	Skin off	PCB	3.01	ng/g ww	1.07	281	Composite	334
2	45	San Mateo Coast	Olive Rockfish	5	FIL	Skin off	DDT	4.64	ng/g ww	1.07	433	Composite	334
2	45	San Mateo Coast	Olive Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.07	0	Composite	334
2	45	San Mateo Coast	Olive Rockfish	5	FIL	Skin off	CHLORDANE	0.23	ng/g ww	1.07	21	Composite	334
2	45	San Mateo Coast	Olive Rockfish	5	FIL	Skin off	SELENIUM	0.33	ug/g ww	1.07	31	Composite	334
3	27	Goleta to Pt Conception	Barred Sand Bass	10	FIL	Skin off	MERCURY	0.27	ug/g ww			Average of Individuals	370
3	27	Goleta to Pt Conception	Barred Sand Bass	4	FIL	Skin off	MERCURY	0.21	ug/g ww			Composite	343
3	27	Goleta to Pt Conception	Barred Sand Bass	4	FIL	Skin off	SELENIUM	0.31	ug/g ww			Composite	343
3	27	Goleta to Pt Conception	Barred Sand Bass	5	FIL	Skin off	CHLORDANE	0.47	ng/g ww	0.91	52	Composite	343
3	27	Goleta to Pt Conception	Barred Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.91	0	Composite	343
3	27	Goleta to Pt Conception	Barred Sand Bass	5	FIL	Skin off	DDT	14.25	ng/g ww	0.91	1568	Composite	343
3	27	Goleta to Pt Conception	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.29	ug/g ww	0.91	32	Composite	343
3	27	Goleta to Pt Conception	Barred Sand Bass	5	FIL	Skin off	PCB	4.68	ng/g ww	0.91	515	Composite	343
3	27	Goleta to Pt Conception	Brown Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.41	0	Composite	220
3	27	Goleta to Pt Conception	Brown Rockfish	5	FIL	Skin off	SELENIUM	0.29	ug/g ww	0.41	70	Composite	220
3	27	Goleta to Pt Conception	Brown Rockfish	5	FIL	Skin off	PCB	0.00	ng/g ww	0.41	0	Composite	220
3	27	Goleta to Pt Conception	Brown Rockfish	5	FIL	Skin off	MERCURY	0.15	ug/g ww	0.41	36	Composite	220

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
3	27	Goleta to Pt Conception	Brown Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.41	0	Composite	220
3	27	Goleta to Pt Conception	Brown Rockfish	5	FIL	Skin off	DDT	3.48	ng/g ww	0.41	841	Composite	220
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	MERCURY	0.11	ug/g ww			Composite	250
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.44	ug/g ww			Composite	250
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Composite	246
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.42	ug/g ww			Composite	246
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	DDT	7.95	ng/g ww	1.10	723	Composite	246
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	1.10	0	Composite	246
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	MERCURY	0.09	ug/g ww	1.10	8	Composite	246
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.10	0	Composite	246
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	PCB	1.59	ng/g ww	1.10	145	Composite	246
3	27	Goleta to Pt Conception	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.42	ug/g ww	1.10	38	Composite	246
3	27	Goleta to Pt Conception	Gopher Rockfish	5	FIL	Skin off	MERCURY	0.33	ug/g ww	0.57	57	Composite	187
3	27	Goleta to Pt Conception	Gopher Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.57	0	Composite	187
3	27	Goleta to Pt Conception	Gopher Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.57	0	Composite	187
3	27	Goleta to Pt Conception	Gopher Rockfish	5	FIL	Skin off	SELENIUM	0.32	ug/g ww	0.57	56	Composite	187
3	27	Goleta to Pt Conception	Gopher Rockfish	5	FIL	Skin off	PCB	0.00	ng/g ww	0.57	0	Composite	187
3	27	Goleta to Pt Conception	Gopher Rockfish	5	FIL	Skin off	DDT	1.54	ng/g ww	0.57	269	Composite	187
3	27	Goleta to Pt Conception	Kelp Bass	4	FIL	Skin off	MERCURY	0.07	ug/g ww			Average of Individuals	295
3	27	Goleta to Pt Conception	Kelp Bass	3	FIL	Skin off	DDT	6.49	ng/g ww	1.48	439	Composite	303
3	27	Goleta to Pt Conception	Kelp Bass	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.48	0	Composite	303
3	27	Goleta to Pt Conception	Kelp Bass	3	FIL	Skin off	PCB	1.23	ng/g ww	1.48	83	Composite	303
3	27	Goleta to Pt Conception	Kelp Bass	3	FIL	Skin off	SELENIUM	0.37	ug/g ww	1.48	25	Composite	303
3	27	Goleta to Pt Conception	Kelp Bass	3	FIL	Skin off	CHLORDANE	0.81	ng/g ww	1.48	55	Composite	303
3	26	Barbara Channel Oil Pla	Brown Rockfish	5	FIL	Skin off	CHLORDANE	0.26	ng/g ww	1.07	24	Composite	258
3	26	Barbara Channel Oil Pla	Brown Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.07	0	Composite	258
3	26	Barbara Channel Oil Pla	Brown Rockfish	5	FIL	Skin off	SELENIUM	0.27	ug/g ww	1.07	25	Composite	258
3	26	Barbara Channel Oil Pla	Brown Rockfish	5	FIL	Skin off	PCB	2.27	ng/g ww	1.07	212	Composite	258
3	26	Barbara Channel Oil Pla	Brown Rockfish	5	FIL	Skin off	MERCURY	0.14	ug/g ww	1.07	13	Composite	258
3	26	Barbara Channel Oil Pla	Brown Rockfish	5	FIL	Skin off	DDT	14.98	ng/g ww	1.07	1400	Composite	258
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	MERCURY	0.09	ug/g ww			Composite	265
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.43	ug/g ww			Composite	261
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	MERCURY	0.07	ug/g ww			Composite	261
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.41	ug/g ww			Composite	265
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.32	ug/g ww	1.48	22	Composite	261
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	PCB	3.25	ng/g ww	1.48	220	Composite	261
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	DDT	12.02	ng/g ww	1.48	812	Composite	261
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.48	0	Composite	261
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	1.48	0	Composite	261
3	26	Barbara Channel Oil Pla	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww	1.48	4	Composite	261
3	26	Barbara Channel Oil Pla	Gopher Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.32	0	Composite	178
3	26	Barbara Channel Oil Pla	Gopher Rockfish	5	FIL	Skin off	DDT	2.84	ng/g ww	0.32	902	Composite	178
3	26	Barbara Channel Oil Pla	Gopher Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.32	0	Composite	178
3	26	Barbara Channel Oil Pla	Gopher Rockfish	5	FIL	Skin off	MERCURY	0.27	ug/g ww	0.32	85	Composite	178
3	26	Barbara Channel Oil Pla	Gopher Rockfish	5	FIL	Skin off	PCB	0.48	ng/g ww	0.32	151	Composite	178
3	26	Barbara Channel Oil Pla	Gopher Rockfish	5	FIL	Skin off	SELENIUM	0.36	ug/g ww	0.32	114	Composite	178
3	26	Barbara Channel Oil Pla	Kelp Bass	6	FIL	Skin off	MERCURY	0.17	ug/g ww			Average of Individuals	351
3	26	Barbara Channel Oil Pla	Kelp Bass	5	FIL	Skin off	PCB	2.21	ng/g ww	1.92	115	Composite	346
3	26	Barbara Channel Oil Pla	Kelp Bass	5	FIL	Skin off	SELENIUM	0.68	ug/g ww	1.92	35	Composite	346
3	26	Barbara Channel Oil Pla	Kelp Bass	5	FIL	Skin off	DDT	14.91	ng/g ww	1.92	777	Composite	346
3	26	Barbara Channel Oil Pla	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.92	0	Composite	346

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
3	26	Barbara Channel Oil Pla	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.32	ng/g ww	1.92	17	Composite	346
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	SELENIUM	0.39	ug/g ww			Composite	206
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	MERCURY	0.16	ug/g ww			Composite	206
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	SELENIUM	0.27	ug/g ww			Composite	206
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	MERCURY	0.14	ug/g ww			Composite	206
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.36	0	Composite	207
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.36	0	Composite	207
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	SELENIUM	0.31	ug/g ww	0.36	85	Composite	207
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	MERCURY	0.16	ug/g ww	0.36	45	Composite	207
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	DDT	5.32	ng/g ww	0.36	1464	Composite	207
3	26	Barbara Channel Oil Pla	White Croaker	5	FIL	Skin off	PCB	0.87	ng/g ww	0.36	239	Composite	207
3	26	Barbara Channel Oil Pla	White Surfperch	10	FIL	Skin off	MERCURY	0.07	ug/g ww			Average of Individuals	239
3	26	Barbara Channel Oil Pla	White Surfperch	13	FIL	Skin off	SELENIUM	0.25	ug/g ww	3.34	7	Composite	239
3	26	Barbara Channel Oil Pla	White Surfperch	13	FIL	Skin off	MERCURY	0.06	ug/g ww	3.34	2	Composite	239
3	26	Barbara Channel Oil Pla	White Surfperch	13	FIL	Skin off	DIELDRIN	0.00	ng/g ww	3.34	0	Composite	239
3	26	Barbara Channel Oil Pla	White Surfperch	13	FIL	Skin off	DDT	17.39	ng/g ww	3.34	521	Composite	239
3	26	Barbara Channel Oil Pla	White Surfperch	13	FIL	Skin off	CHLORDANE	0.49	ng/g ww	3.34	15	Composite	239
3	26	Barbara Channel Oil Pla	White Surfperch	13	FIL	Skin off	PCB	3.84	ng/g ww	3.34	115	Composite	239
3	25	Rincon to Goleta	Black Perch	5	FIL	Skin off	MERCURY	0.08	ug/g ww			Average of Individuals	268
3	25	Rincon to Goleta	Black Perch	5	FIL	Skin off	PCB	0.00	ng/g ww	0.71	0	Composite	268
3	25	Rincon to Goleta	Black Perch	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.71	0	Composite	268
3	25	Rincon to Goleta	Black Perch	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.71	0	Composite	268
3	25	Rincon to Goleta	Black Perch	5	FIL	Skin off	SELENIUM	0.18	ug/g ww	0.71	26	Composite	268
3	25	Rincon to Goleta	Black Perch	5	FIL	Skin off	DDT	1.71	ng/g ww	0.71	243	Composite	268
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.39	ug/g ww			Composite	253
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	MERCURY	0.06	ug/g ww			Composite	253
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	MERCURY	0.07	ug/g ww			Composite	253
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.41	ug/g ww			Composite	253
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.44	ng/g ww	3.98	11	Composite	253
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	DDT	33.82	ng/g ww	3.98	850	Composite	253
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	3.98	0	Composite	253
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww	3.98	1	Composite	253
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	PCB	7.00	ng/g ww	3.98	176	Composite	253
3	25	Rincon to Goleta	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.39	ug/g ww	3.98	10	Composite	253
3	25	Rincon to Goleta	Kelp Bass	4	FIL	Skin off	SELENIUM	0.32	ug/g ww			Composite	319
3	25	Rincon to Goleta	Kelp Bass	4	FIL	Skin off	MERCURY	0.12	ug/g ww			Composite	318
3	25	Rincon to Goleta	Kelp Bass	10	FIL	Skin off	MERCURY	0.16	ug/g ww			Average of Individuals	322
3	25	Rincon to Goleta	Kelp Bass	4	FIL	Skin off	SELENIUM	0.71	ug/g ww			Composite	318
3	25	Rincon to Goleta	Kelp Bass	4	FIL	Skin off	MERCURY	0.10	ug/g ww			Composite	319
3	25	Rincon to Goleta	Kelp Bass	4	FIL	Skin off	CHLORDANE	0.36	ng/g ww	1.18	30	Composite	318
3	25	Rincon to Goleta	Kelp Bass	4	FIL	Skin off	SELENIUM	0.28	ug/g ww	1.18	24	Composite	318
3	25	Rincon to Goleta	Kelp Bass	4	FIL	Skin off	DDT	10.12	ng/g ww	1.18	858	Composite	318
3	25	Rincon to Goleta	Kelp Bass	4	FIL	Skin off	PCB	2.58	ng/g ww	1.18	218	Composite	318
3	25	Rincon to Goleta	Kelp Bass	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.18	0	Composite	318
3	25	Rincon to Goleta	Olive Rockfish	3	FIL	Skin off	MERCURY	0.08	ug/g ww			Average of Individuals	294
3	25	Rincon to Goleta	Olive Rockfish	3	FIL	Skin off	SELENIUM	0.70	ug/g ww	1.82	38	Composite	294
3	25	Rincon to Goleta	Olive Rockfish	3	FIL	Skin off	DDT	14.02	ng/g ww	1.82	770	Composite	294
3	25	Rincon to Goleta	Olive Rockfish	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.82	0	Composite	294
3	25	Rincon to Goleta	Olive Rockfish	3	FIL	Skin off	PCB	2.43	ng/g ww	1.82	133	Composite	294
3	25	Rincon to Goleta	Olive Rockfish	3	FIL	Skin off	CHLORDANE	0.38	ng/g ww	1.82	21	Composite	294
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	SELENIUM	0.35	ug/g ww			Composite	203

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	MERCURY	0.12	ug/g ww			Composite	203
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	MERCURY	0.12	ug/g ww			Composite	203
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	SELENIUM	0.36	ug/g ww			Composite	203
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	PCB	3.79	ng/g ww	2.75	138	Composite	203
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	DDT	23.33	ng/g ww	2.75	848	Composite	203
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	MERCURY	0.12	ug/g ww	2.75	4	Composite	203
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	SELENIUM	0.35	ug/g ww	2.75	13	Composite	203
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	2.75	0	Composite	203
3	25	Rincon to Goleta	White Croaker	5	FIL	Skin off	CHLORDANE	1.04	ng/g ww	2.75	38	Composite	203
3	23	Northern Channel Islands	Black Perch	8	FIL	Skin off	MERCURY	0.10	ug/g ww			Average of Individuals	289
3	23	Northern Channel Islands	Black Perch	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.60	0	Composite	296
3	23	Northern Channel Islands	Black Perch	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.60	0	Composite	296
3	23	Northern Channel Islands	Black Perch	5	FIL	Skin off	PCB	0.00	ng/g ww	0.60	0	Composite	296
3	23	Northern Channel Islands	Black Perch	5	FIL	Skin off	SELENIUM	0.18	ug/g ww	0.60	30	Composite	296
3	23	Northern Channel Islands	Black Perch	5	FIL	Skin off	DDT	1.28	ng/g ww	0.60	215	Composite	296
3	23	Northern Channel Islands	Brown Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.45	0	Composite	302
3	23	Northern Channel Islands	Brown Rockfish	5	FIL	Skin off	SELENIUM	0.35	ug/g ww	0.45	77	Composite	302
3	23	Northern Channel Islands	Brown Rockfish	5	FIL	Skin off	PCB	0.00	ng/g ww	0.45	0	Composite	302
3	23	Northern Channel Islands	Brown Rockfish	5	FIL	Skin off	DDT	2.33	ng/g ww	0.45	514	Composite	302
3	23	Northern Channel Islands	Brown Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.45	0	Composite	302
3	23	Northern Channel Islands	Brown Rockfish	5	FIL	Skin off	MERCURY	0.24	ug/g ww	0.45	53	Composite	302
3	23	Northern Channel Islands	Kelp Bass	5	FIL	Skin off	SELENIUM	0.56	ug/g ww			Composite	327
3	23	Northern Channel Islands	Kelp Bass	5	FIL	Skin off	MERCURY	0.13	ug/g ww			Composite	327
3	23	Northern Channel Islands	Kelp Bass	10	FIL	Skin off	MERCURY	0.18	ug/g ww			Average of Individuals	343
3	23	Northern Channel Islands	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.70	0	Composite	328
3	23	Northern Channel Islands	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.70	0	Composite	328
3	23	Northern Channel Islands	Kelp Bass	5	FIL	Skin off	SELENIUM	0.64	ug/g ww	0.70	92	Composite	328
3	23	Northern Channel Islands	Kelp Bass	5	FIL	Skin off	DDT	4.71	ng/g ww	0.70	674	Composite	328
3	23	Northern Channel Islands	Kelp Bass	5	FIL	Skin off	PCB	0.49	ng/g ww	0.70	70	Composite	328
3	23	Northern Channel Islands	Kelp Rockfish	5	FIL	Skin off	SELENIUM	0.44	ug/g ww	0.64	69	Composite	288
3	23	Northern Channel Islands	Kelp Rockfish	5	FIL	Skin off	MERCURY	0.11	ug/g ww	0.64	16	Composite	288
3	23	Northern Channel Islands	Kelp Rockfish	5	FIL	Skin off	DDT	1.30	ng/g ww	0.64	203	Composite	288
3	23	Northern Channel Islands	Kelp Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.64	0	Composite	288
3	23	Northern Channel Islands	Kelp Rockfish	5	FIL	Skin off	PCB	0.00	ng/g ww	0.64	0	Composite	288
3	23	Northern Channel Islands	Kelp Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.64	0	Composite	288
4	24	Ventura to Rincon	Barred Surfperch	10	FIL	Skin off	MERCURY	0.03	ug/g ww			Average of Individuals	171
4	24	Ventura to Rincon	Barred Surfperch	10	FIL	Skin off	CHLORDANE	3.51	ng/g ww	2.39	147	Composite	171
4	24	Ventura to Rincon	Barred Surfperch	10	FIL	Skin off	DDT	49.36	ng/g ww	2.39	2065	Composite	171
4	24	Ventura to Rincon	Barred Surfperch	10	FIL	Skin off	DIELDRIN	0.00	ng/g ww	2.39	0	Composite	171
4	24	Ventura to Rincon	Barred Surfperch	10	FIL	Skin off	MERCURY	0.03	ug/g ww	2.39	1	Composite	171
4	24	Ventura to Rincon	Barred Surfperch	10	FIL	Skin off	PCB	9.53	ng/g ww	2.39	399	Composite	171
4	24	Ventura to Rincon	Barred Surfperch	10	FIL	Skin off	SELENIUM	0.51	ug/g ww	2.39	21	Composite	171
4	24	Ventura to Rincon	Shiner Surfperch	23	WNHTG	on, Scale	PCB	8.63	ng/g ww	0.92	942	Composite	83
4	24	Ventura to Rincon	Shiner Surfperch	23	WNHTG	on, Scale	SELENIUM	0.37	ug/g ww	0.92	40	Composite	83
4	24	Ventura to Rincon	Shiner Surfperch	23	WNHTG	on, Scale	MERCURY	0.05	ug/g ww	0.92	5	Composite	83
4	24	Ventura to Rincon	Shiner Surfperch	23	WNHTG	on, Scale	DDT	67.55	ng/g ww	0.92	7374	Composite	83
4	24	Ventura to Rincon	Shiner Surfperch	23	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	0.92	0	Composite	83
4	24	Ventura to Rincon	Shiner Surfperch	23	WNHTG	on, Scale	CHLORDANE	3.04	ng/g ww	0.92	332	Composite	83
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	SELENIUM	0.36	ug/g ww			Composite	194
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	MERCURY	0.14	ug/g ww			Composite	194
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	MERCURY	0.13	ug/g ww			Composite	195

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	SELENIUM	0.31	ug/g ww			Composite	195
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	CHLORDANE	1.82	ng/g ww	3.06	60	Composite	195
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	MERCURY	0.10	ug/g ww	3.06	3	Composite	195
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	DDT	26.20	ng/g ww	3.06	856	Composite	195
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	3.06	0	Composite	195
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	SELENIUM	0.31	ug/g ww	3.06	10	Composite	195
4	24	Ventura to Rincon	White Croaker	5	FIL	Skin off	PCB	4.62	ng/g ww	3.06	151	Composite	195
4	22	Pt Dume to Oxnard	Black Perch	8	FIL	Skin off	MERCURY	0.03	ug/g ww			Average of Individuals	208
4	22	Pt Dume to Oxnard	Black Perch	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.98	0	Composite	224
4	22	Pt Dume to Oxnard	Black Perch	5	FIL	Skin off	SELENIUM	0.19	ug/g ww	0.98	19	Composite	224
4	22	Pt Dume to Oxnard	Black Perch	5	FIL	Skin off	PCB	1.74	ng/g ww	0.98	178	Composite	224
4	22	Pt Dume to Oxnard	Black Perch	5	FIL	Skin off	DDT	6.43	ng/g ww	0.98	656	Composite	224
4	22	Pt Dume to Oxnard	Black Perch	5	FIL	Skin off	CHLORDANE	0.28	ng/g ww	0.98	28	Composite	224
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Composite	230
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Composite	230
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.56	ug/g ww			Composite	230
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.53	ug/g ww			Composite	230
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.20	ng/g ww	1.18	17	Composite	230
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.42	ug/g ww	1.18	36	Composite	230
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	DDT	16.07	ng/g ww	1.18	1362	Composite	230
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.18	0	Composite	230
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	PCB	4.66	ng/g ww	1.18	395	Composite	230
4	22	Pt Dume to Oxnard	Chub Mackerel	5	FIL	Skin off	MERCURY	0.07	ug/g ww	1.18	6	Composite	230
4	22	Pt Dume to Oxnard	Gopher Rockfish	5	FIL	Skin off	PCB	0.21	ng/g ww	0.73	29	Composite	159
4	22	Pt Dume to Oxnard	Gopher Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.73	0	Composite	159
4	22	Pt Dume to Oxnard	Gopher Rockfish	5	FIL	Skin off	DDT	3.66	ng/g ww	0.73	503	Composite	159
4	22	Pt Dume to Oxnard	Gopher Rockfish	5	FIL	Skin off	MERCURY	0.21	ug/g ww	0.73	28	Composite	159
4	22	Pt Dume to Oxnard	Gopher Rockfish	5	FIL	Skin off	SELENIUM	0.40	ug/g ww	0.73	55	Composite	159
4	22	Pt Dume to Oxnard	Gopher Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.73	0	Composite	159
4	22	Pt Dume to Oxnard	Kelp Bass	5	FIL	Skin off	MERCURY	0.16	ug/g ww			Composite	328
4	22	Pt Dume to Oxnard	Kelp Bass	5	FIL	Skin off	MERCURY	0.30	ug/g ww			Composite	328
4	22	Pt Dume to Oxnard	Kelp Bass	5	FIL	Skin off	SELENIUM	0.60	ug/g ww			Composite	328
4	22	Pt Dume to Oxnard	Kelp Bass	5	FIL	Skin off	SELENIUM	0.27	ug/g ww			Composite	328
4	22	Pt Dume to Oxnard	Kelp Bass	10	FIL	Skin off	MERCURY	0.20	ug/g ww			Average of Individuals	330
4	22	Pt Dume to Oxnard	Kelp Bass	5	FIL	Skin off	PCB	3.70	ng/g ww	0.58	634	Composite	328
4	22	Pt Dume to Oxnard	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.24	ng/g ww	0.58	40	Composite	328
4	22	Pt Dume to Oxnard	Kelp Bass	5	FIL	Skin off	DDT	10.42	ng/g ww	0.58	1788	Composite	328
4	22	Pt Dume to Oxnard	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.58	0	Composite	328
4	22	Pt Dume to Oxnard	Kelp Bass	5	FIL	Skin off	SELENIUM	0.43	ug/g ww	0.58	74	Composite	328
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	MERCURY	0.11	ug/g ww			Composite	205
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	SELENIUM	0.28	ug/g ww			Composite	205
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	SELENIUM	0.30	ug/g ww			Composite	205
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	MERCURY	0.11	ug/g ww			Composite	205
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	DDT	19.48	ng/g ww	1.46	1334	Composite	205
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	SELENIUM	0.31	ug/g ww	1.46	21	Composite	205
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	CHLORDANE	0.62	ng/g ww	1.46	42	Composite	205
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.46	0	Composite	205
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	MERCURY	0.12	ug/g ww	1.46	8	Composite	205
4	22	Pt Dume to Oxnard	White Croaker	5	FIL	Skin off	PCB	2.95	ng/g ww	1.46	202	Composite	205
4	21	North Santa Monica Bay	Barred Sand Bass	8	FIL	Skin off	MERCURY	0.18	ug/g ww			Average of Individuals	343
4	21	North Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.29	ug/g ww			Composite	347

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
4	21	North Santa Monica Bay	Barred Sand Bass	3	FIL	Skin off	CHLORDANE	0.36	ng/g ww	0.41	89	Composite	337
4	21	North Santa Monica Bay	Barred Sand Bass	3	FIL	Skin off	DDT	12.67	ng/g ww	0.41	3098	Composite	337
4	21	North Santa Monica Bay	Barred Sand Bass	3	FIL	Skin off	SELENIUM	2.41	ug/g ww	0.41	589	Composite	337
4	21	North Santa Monica Bay	Barred Sand Bass	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.41	0	Composite	337
4	21	North Santa Monica Bay	Barred Sand Bass	3	FIL	Skin off	PCB	5.88	ng/g ww	0.41	1438	Composite	337
4	21	North Santa Monica Bay	Black Perch	6	FIL	Skin off	MERCURY	0.06	ug/g ww			Average of Individuals	241
4	21	North Santa Monica Bay	Black Perch	6	FIL	Skin off	CHLORDANE	0.20	ng/g ww	0.66	30	Composite	241
4	21	North Santa Monica Bay	Black Perch	6	FIL	Skin off	DDT	6.76	ng/g ww	0.66	1030	Composite	241
4	21	North Santa Monica Bay	Black Perch	6	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.66	0	Composite	241
4	21	North Santa Monica Bay	Black Perch	6	FIL	Skin off	PCB	4.94	ng/g ww	0.66	752	Composite	241
4	21	North Santa Monica Bay	Brown Rockfish	5	FIL	Skin off	PCB	0.99	ng/g ww	0.60	166	Composite	269
4	21	North Santa Monica Bay	Brown Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.60	0	Composite	269
4	21	North Santa Monica Bay	Brown Rockfish	5	FIL	Skin off	DDT	5.20	ng/g ww	0.60	871	Composite	269
4	21	North Santa Monica Bay	Brown Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.60	0	Composite	269
4	21	North Santa Monica Bay	Brown Rockfish	5	FIL	Skin off	MERCURY	0.08	ug/g ww	0.60	13	Composite	269
4	21	North Santa Monica Bay	Brown Rockfish	5	FIL	Skin off	SELENIUM	0.34	ug/g ww	0.60	57	Composite	269
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.49	ug/g ww			Composite	235
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Composite	235
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.06	ug/g ww			Composite	236
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.46	ug/g ww			Composite	236
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	DDT	13.71	ng/g ww	1.61	852	Composite	236
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.06	ug/g ww	1.61	4	Composite	236
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	PCB	3.57	ng/g ww	1.61	222	Composite	236
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.61	0	Composite	236
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.27	ng/g ww	1.61	17	Composite	236
4	21	North Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.46	ug/g ww	1.61	29	Composite	236
4	21	North Santa Monica Bay	Kelp Bass	5	FIL	Skin off	SELENIUM	0.35	ug/g ww			Composite	327
4	21	North Santa Monica Bay	Kelp Bass	5	FIL	Skin off	MERCURY	0.16	ug/g ww			Composite	327
4	21	North Santa Monica Bay	Kelp Bass	5	FIL	Skin off	SELENIUM	0.45	ug/g ww			Composite	327
4	21	North Santa Monica Bay	Kelp Bass	5	FIL	Skin off	MERCURY	0.16	ug/g ww			Composite	327
4	21	North Santa Monica Bay	Kelp Bass	10	FIL	Skin off	MERCURY	0.15	ug/g ww			Average of Individuals	340
4	21	North Santa Monica Bay	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.32	ng/g ww	0.70	46	Composite	326
4	21	North Santa Monica Bay	Kelp Bass	5	FIL	Skin off	SELENIUM	0.33	ug/g ww	0.70	47	Composite	326
4	21	North Santa Monica Bay	Kelp Bass	5	FIL	Skin off	PCB	5.42	ng/g ww	0.70	780	Composite	326
4	21	North Santa Monica Bay	Kelp Bass	5	FIL	Skin off	DDT	13.24	ng/g ww	0.70	1905	Composite	326
4	21	North Santa Monica Bay	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.70	0	Composite	326
4	20	Middle Santa Monica Bay	Barred Sand Bass	8	FIL	Skin off	MERCURY	0.27	ug/g ww			Average of Individuals	389
4	20	Middle Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.46	ug/g ww	0.64	72	Composite	359
4	20	Middle Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	DDT	25.78	ng/g ww	0.64	4010	Composite	359
4	20	Middle Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	DIELDRIN	0.46	ng/g ww	0.64	71	Composite	359
4	20	Middle Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	PCB	21.14	ng/g ww	0.64	3287	Composite	359
4	20	Middle Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	CHLORDANE	1.84	ng/g ww	0.64	285	Composite	359
4	20	Middle Santa Monica Bay	Barred Surfperch	5	FIL	Skin off	MERCURY	0.06	ug/g ww			Average of Individuals	174
4	20	Middle Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	CHLORDANE	7.36	ng/g ww	4.68	157	Composite	174
4	20	Middle Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	DDT	65.13	ng/g ww	4.68	1392	Composite	174
4	20	Middle Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	DIELDRIN	0.87	ng/g ww	4.68	18	Composite	174
4	20	Middle Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	MERCURY	0.05	ug/g ww	4.68	1	Composite	174
4	20	Middle Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	PCB	45.38	ng/g ww	4.68	970	Composite	174
4	20	Middle Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	SELENIUM	0.38	ug/g ww	4.68	8	Composite	174
4	20	Middle Santa Monica Bay	Black Croaker	3	FIL	Skin off	DDT	40.09	ng/g ww	0.42	9522	Composite	246
4	20	Middle Santa Monica Bay	Black Croaker	3	FIL	Skin off	MERCURY	0.41	ug/g ww	0.42	97	Composite	246

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
4	20	Middle Santa Monica Bay	Black Croaker	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.42	0	Composite	246
4	20	Middle Santa Monica Bay	Black Croaker	3	FIL	Skin off	SELENIUM	0.23	ug/g ww	0.42	55	Composite	246
4	20	Middle Santa Monica Bay	Black Croaker	3	FIL	Skin off	PCB	27.54	ng/g ww	0.42	6541	Composite	246
4	20	Middle Santa Monica Bay	Black Croaker	3	FIL	Skin off	CHLORDANE	0.54	ng/g ww	0.42	129	Composite	246
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww			Composite	235
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.41	ug/g ww			Composite	235
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Composite	235
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.54	ug/g ww			Composite	235
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.52	ug/g ww	0.90	58	Composite	236
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	PCB	21.91	ng/g ww	0.90	2448	Composite	236
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.90	0	Composite	236
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.06	ug/g ww	0.90	6	Composite	236
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	DDT	25.59	ng/g ww	0.90	2859	Composite	236
4	20	Middle Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	CHLORDANE	2.41	ng/g ww	0.90	270	Composite	236
4	20	Middle Santa Monica Bay	Kelp Bass	5	FIL	Skin off	MERCURY	0.18	ug/g ww			Composite	278
4	20	Middle Santa Monica Bay	Kelp Bass	5	FIL	Skin off	SELENIUM	0.22	ug/g ww			Composite	278
4	20	Middle Santa Monica Bay	Kelp Bass	5	FIL	Skin off	SELENIUM	0.08	ug/g ww			Composite	278
4	20	Middle Santa Monica Bay	Kelp Bass	5	FIL	Skin off	MERCURY	0.24	ug/g ww			Composite	278
4	20	Middle Santa Monica Bay	Kelp Bass	10	FIL	Skin off	MERCURY	0.19	ug/g ww			Average of Individuals	299
4	20	Middle Santa Monica Bay	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.45	0	Composite	278
4	20	Middle Santa Monica Bay	Kelp Bass	5	FIL	Skin off	DDT	17.49	ng/g ww	0.45	3886	Composite	278
4	20	Middle Santa Monica Bay	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.22	ng/g ww	0.45	49	Composite	278
4	20	Middle Santa Monica Bay	Kelp Bass	5	FIL	Skin off	PCB	9.68	ng/g ww	0.45	2151	Composite	278
4	20	Middle Santa Monica Bay	Kelp Bass	5	FIL	Skin off	SELENIUM	0.29	ug/g ww	0.45	64	Composite	278
4	20	Middle Santa Monica Bay	Spotted Scorpionfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.26	0	Composite	244
4	20	Middle Santa Monica Bay	Spotted Scorpionfish	5	FIL	Skin off	PCB	25.14	ng/g ww	1.26	1995	Composite	244
4	20	Middle Santa Monica Bay	Spotted Scorpionfish	5	FIL	Skin off	MERCURY	0.18	ug/g ww	1.26	14	Composite	244
4	20	Middle Santa Monica Bay	Spotted Scorpionfish	5	FIL	Skin off	DDT	70.03	ng/g ww	1.26	5558	Composite	244
4	20	Middle Santa Monica Bay	Spotted Scorpionfish	5	FIL	Skin off	SELENIUM	0.39	ug/g ww	1.26	31	Composite	244
4	20	Middle Santa Monica Bay	Spotted Scorpionfish	5	FIL	Skin off	CHLORDANE	1.20	ng/g ww	1.26	96	Composite	244
4	19	South Santa Monica Bay	Barred Sand Bass	10	FIL	Skin off	MERCURY	0.18	ug/g ww			Average of Individuals	346
4	19	South Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.39	ug/g ww	0.46	84	Composite	344
4	19	South Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	CHLORDANE	2.07	ng/g ww	0.46	447	Composite	344
4	19	South Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	PCB	32.83	ng/g ww	0.46	7107	Composite	344
4	19	South Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	DDT	32.27	ng/g ww	0.46	6984	Composite	344
4	19	South Santa Monica Bay	Barred Sand Bass	5	FIL	Skin off	DIELDRIN	0.47	ng/g ww	0.46	102	Composite	344
4	19	South Santa Monica Bay	Barred Surfperch	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Average of Individuals	184
4	19	South Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	CHLORDANE	0.87	ng/g ww	0.76	114	Composite	184
4	19	South Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	DIELDRIN	0.49	ng/g ww	0.76	65	Composite	184
4	19	South Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	MERCURY	0.09	ug/g ww	0.76	11	Composite	184
4	19	South Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	PCB	10.28	ng/g ww	0.76	1348	Composite	184
4	19	South Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	SELENIUM	0.46	ug/g ww	0.76	60	Composite	184
4	19	South Santa Monica Bay	Barred Surfperch	5	WNHTG	on, Scale	DDT	14.50	ng/g ww	0.76	1903	Composite	184
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.48	ug/g ww			Composite	228
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Composite	228
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.42	ug/g ww			Composite	228
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww			Composite	228
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww	1.64	3	Composite	229
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.64	0	Composite	229
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.39	ng/g ww	1.64	24	Composite	229
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.48	ug/g ww	1.64	29	Composite	229

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	DDT	38.75	ng/g ww	1.64	2363	Composite	229
4	19	South Santa Monica Bay	Chub Mackerel	5	FIL	Skin off	PCB	12.87	ng/g ww	1.64	785	Composite	229
4	19	South Santa Monica Bay	Kelp Bass	10	FIL	Skin off	MERCURY	0.13	ug/g ww			Average of Individuals	312
4	19	South Santa Monica Bay	Kelp Bass	5	FIL	Skin off	SELENIUM	0.58	ug/g ww			Composite	329
4	19	South Santa Monica Bay	Kelp Bass	5	FIL	Skin off	MERCURY	0.13	ug/g ww			Composite	330
4	19	South Santa Monica Bay	Kelp Bass	5	FIL	Skin off	SELENIUM	0.23	ug/g ww			Composite	330
4	19	South Santa Monica Bay	Kelp Bass	5	FIL	Skin off	MERCURY	0.13	ug/g ww			Composite	329
4	19	South Santa Monica Bay	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.39	0	Composite	330
4	19	South Santa Monica Bay	Kelp Bass	5	FIL	Skin off	SELENIUM	0.32	ug/g ww	0.39	83	Composite	330
4	19	South Santa Monica Bay	Kelp Bass	5	FIL	Skin off	PCB	16.46	ng/g ww	0.39	4253	Composite	330
4	19	South Santa Monica Bay	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.42	ng/g ww	0.39	110	Composite	330
4	19	South Santa Monica Bay	Kelp Bass	5	FIL	Skin off	DDT	19.80	ng/g ww	0.39	5116	Composite	330
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	SELENIUM	1.15	ug/g ww			Composite	179
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	MERCURY	0.11	ug/g ww			Composite	179
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	MERCURY	0.08	ug/g ww			Composite	178
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	SELENIUM	1.01	ug/g ww			Composite	178
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	CHLORDANE	0.49	ng/g ww	1.13	44	Composite	178
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	DDT	68.94	ng/g ww	1.13	6101	Composite	178
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.13	0	Composite	178
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	PCB	28.52	ng/g ww	1.13	2524	Composite	178
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	MERCURY	0.09	ug/g ww	1.13	8	Composite	178
4	19	South Santa Monica Bay	White Croaker	5	FIL	Skin off	SELENIUM	0.84	ug/g ww	1.13	74	Composite	178
4	18	Palos Verdes	Black Perch	10	FIL	Skin off	MERCURY	0.06	ug/g ww			Average of Individuals	250
4	18	Palos Verdes	Black Perch	11	FIL	Skin off	DDT	85.30	ng/g ww	0.47	18305	Composite	251
4	18	Palos Verdes	Black Perch	11	FIL	Skin off	MERCURY	0.06	ug/g ww	0.47	13	Composite	251
4	18	Palos Verdes	Black Perch	11	FIL	Skin off	SELENIUM	0.08	ug/g ww	0.47	16	Composite	251
4	18	Palos Verdes	Black Perch	11	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.47	0	Composite	251
4	18	Palos Verdes	Black Perch	11	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.47	0	Composite	251
4	18	Palos Verdes	Black Perch	11	FIL	Skin off	PCB	9.85	ng/g ww	0.47	2114	Composite	251
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Composite	273
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.45	ug/g ww			Composite	273
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww			Composite	273
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.43	ug/g ww			Composite	273
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.39	0	Composite	273
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.27	ng/g ww	1.39	19	Composite	273
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	DDT	25.61	ng/g ww	1.39	1842	Composite	273
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	PCB	8.28	ng/g ww	1.39	596	Composite	273
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww	1.39	4	Composite	273
4	18	Palos Verdes	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.43	ug/g ww	1.39	31	Composite	273
4	18	Palos Verdes	Gopher Rockfish	4	FIL	Skin off	MERCURY	0.06	ug/g ww	0.48	12	Composite	249
4	18	Palos Verdes	Gopher Rockfish	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.48	0	Composite	249
4	18	Palos Verdes	Gopher Rockfish	4	FIL	Skin off	DDT	41.22	ng/g ww	0.48	8551	Composite	249
4	18	Palos Verdes	Gopher Rockfish	4	FIL	Skin off	PCB	5.33	ng/g ww	0.48	1107	Composite	249
4	18	Palos Verdes	Gopher Rockfish	4	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.48	0	Composite	249
4	18	Palos Verdes	Gopher Rockfish	4	FIL	Skin off	SELENIUM	0.35	ug/g ww	0.48	73	Composite	249
4	18	Palos Verdes	Kelp Bass	4	FIL	Skin off	MERCURY	0.12	ug/g ww			Composite	324
4	18	Palos Verdes	Kelp Bass	4	FIL	Skin off	SELENIUM	0.81	ug/g ww			Composite	324
4	18	Palos Verdes	Kelp Bass	10	FIL	Skin off	MERCURY	0.14	ug/g ww			Average of Individuals	331
4	18	Palos Verdes	Kelp Bass	4	FIL	Skin off	SELENIUM	0.63	ug/g ww			Composite	323
4	18	Palos Verdes	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.70	0	Composite	324
4	18	Palos Verdes	Kelp Bass	5	FIL	Skin off	PCB	12.84	ng/g ww	0.70	1843	Composite	324

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
4	18	Palos Verdes	Kelp Bass	5	FIL	Skin off	DDT	75.12	ng/g ww	0.70	10777	Composite	324
4	18	Palos Verdes	Kelp Bass	5	FIL	Skin off	SELENIUM	0.20	ug/g ww	0.70	29	Composite	324
4	18	Palos Verdes	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.30	ng/g ww	0.70	43	Composite	324
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	MERCURY	0.09	ug/g ww			Composite	203
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	SELENIUM	0.34	ug/g ww			Composite	203
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	SELENIUM	0.34	ug/g ww			Composite	203
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	MERCURY	0.09	ug/g ww			Composite	203
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.97	0	Composite	203
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	DDT	136.43	ng/g ww	0.97	14036	Composite	203
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	MERCURY	0.10	ug/g ww	0.97	10	Composite	203
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	CHLORDANE	0.24	ng/g ww	0.97	25	Composite	203
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	PCB	22.19	ng/g ww	0.97	2283	Composite	203
4	18	Palos Verdes	White Croaker	5	FIL	Skin off	SELENIUM	0.44	ug/g ww	0.97	45	Composite	203
4	17	Catalina Island	Black Perch	10	FIL	Skin off	MERCURY	0.12	ug/g ww			Average of Individuals	227
4	17	Catalina Island	Black Perch	5	FIL	Skin off	MERCURY	0.09	ug/g ww	0.81	11	Composite	228
4	17	Catalina Island	Black Perch	5	FIL	Skin off	SELENIUM	0.26	ug/g ww	0.81	32	Composite	228
4	17	Catalina Island	Black Perch	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.81	0	Composite	228
4	17	Catalina Island	Black Perch	5	FIL	Skin off	DDT	0.88	ng/g ww	0.81	109	Composite	228
4	17	Catalina Island	Black Perch	5	FIL	Skin off	PCB	0.00	ng/g ww	0.81	0	Composite	228
4	17	Catalina Island	Black Perch	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.81	0	Composite	228
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.57	ug/g ww			Composite	205
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	MERCURY	0.01	ug/g ww			Composite	205
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	MERCURY	0.01	ug/g ww			Composite	205
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.91	ug/g ww			Composite	205
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	PCB	0.00	ng/g ww	2.38	0	Composite	205
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.65	ug/g ww	2.38	27	Composite	205
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	MERCURY	0.02	ug/g ww	2.38	1	Composite	205
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	DDT	2.76	ng/g ww	2.38	116	Composite	205
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	2.38	0	Composite	205
4	17	Catalina Island	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	2.38	0	Composite	205
4	17	Catalina Island	Kelp Bass	4	FIL	Skin off	SELENIUM	0.49	ug/g ww			Composite	421
4	17	Catalina Island	Kelp Bass	5	FIL	Skin off	SELENIUM	0.63	ug/g ww			Composite	286
4	17	Catalina Island	Kelp Bass	10	FIL	Skin off	MERCURY	0.19	ug/g ww			Average of Individuals	349
4	17	Catalina Island	Kelp Bass	5	FIL	Skin off	MERCURY	0.14	ug/g ww			Composite	286
4	17	Catalina Island	Kelp Bass	5	FIL	Skin off	PCB	0.58	ng/g ww	0.51	113	Composite	316
4	17	Catalina Island	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.51	0	Composite	316
4	17	Catalina Island	Kelp Bass	5	FIL	Skin off	SELENIUM	0.38	ug/g ww	0.51	75	Composite	316
4	17	Catalina Island	Kelp Bass	5	FIL	Skin off	DDT	4.85	ng/g ww	0.51	951	Composite	316
4	17	Catalina Island	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.51	0	Composite	316
4	17	Catalina Island	Kelp Bass	5	FIL	Skin off	MERCURY	0.11	ug/g ww	0.51	22	Composite	316
4	17	Catalina Island	Ocean Whitefish	5	FIL	Skin off	DDT	5.01	ng/g ww	1.32	380	Composite	279
4	17	Catalina Island	Ocean Whitefish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.32	0	Composite	279
4	17	Catalina Island	Ocean Whitefish	5	FIL	Skin off	MERCURY	0.10	ug/g ww	1.32	8	Composite	279
4	17	Catalina Island	Ocean Whitefish	5	FIL	Skin off	PCB	0.67	ng/g ww	1.32	50	Composite	279
4	17	Catalina Island	Ocean Whitefish	5	FIL	Skin off	SELENIUM	0.31	ug/g ww	1.32	23	Composite	279
4	17	Catalina Island	Ocean Whitefish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	1.32	0	Composite	279
4	17	Catalina Island	Rosy Rockfish	5	FIL	Skin off	MERCURY	0.18	ug/g ww	1.29	14	Composite	193
4	17	Catalina Island	Rosy Rockfish	5	FIL	Skin off	PCB	0.70	ng/g ww	1.29	54	Composite	193
4	17	Catalina Island	Rosy Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.29	0	Composite	193
4	17	Catalina Island	Rosy Rockfish	5	FIL	Skin off	DDT	7.50	ng/g ww	1.29	581	Composite	193
4	17	Catalina Island	Rosy Rockfish	5	FIL	Skin off	SELENIUM	0.40	ug/g ww	1.29	31	Composite	193

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
4	17	Catalina Island	Rosy Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	1.29	0	Composite	193
4	16	San Pedro Bay	Barred Sand Bass	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Average of Individuals	300
4	16	San Pedro Bay	Barred Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.54	0	Composite	300
4	16	San Pedro Bay	Barred Sand Bass	5	FIL	Skin off	DDT	70.88	ng/g ww	0.54	13150	Composite	300
4	16	San Pedro Bay	Barred Sand Bass	5	FIL	Skin off	CHLORDANE	0.93	ng/g ww	0.54	172	Composite	300
4	16	San Pedro Bay	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.49	ug/g ww	0.54	91	Composite	300
4	16	San Pedro Bay	Barred Sand Bass	5	FIL	Skin off	PCB	42.95	ng/g ww	0.54	7968	Composite	300
4	16	San Pedro Bay	Black Perch	8	FIL	Skin off	MERCURY	0.10	ug/g ww			Average of Individuals	207
4	16	San Pedro Bay	Black Perch	5	FIL	Skin off	DDT	49.23	ng/g ww	0.75	6555	Composite	208
4	16	San Pedro Bay	Black Perch	5	FIL	Skin off	SELENIUM	0.35	ug/g ww	0.75	47	Composite	208
4	16	San Pedro Bay	Black Perch	5	FIL	Skin off	PCB	23.79	ng/g ww	0.75	3168	Composite	208
4	16	San Pedro Bay	Black Perch	5	FIL	Skin off	MERCURY	0.08	ug/g ww	0.75	11	Composite	208
4	16	San Pedro Bay	Black Perch	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.75	0	Composite	208
4	16	San Pedro Bay	Black Perch	5	FIL	Skin off	CHLORDANE	0.73	ng/g ww	0.75	97	Composite	208
4	16	San Pedro Bay	Shiner Surfperch	10	FIL	Skin off	MERCURY	0.03	ug/g ww			Average of Individuals	109
4	16	San Pedro Bay	Shiner Surfperch	11	WNHTG	on, Scale	PCB	49.85	ng/g ww	0.96	5187	Composite	109
4	16	San Pedro Bay	Shiner Surfperch	11	WNHTG	on, Scale	DDT	175.08	ng/g ww	0.96	18219	Composite	109
4	16	San Pedro Bay	Shiner Surfperch	11	WNHTG	on, Scale	DIELDRIN	0.53	ng/g ww	0.96	55	Composite	109
4	16	San Pedro Bay	Shiner Surfperch	11	WNHTG	on, Scale	SELENIUM	0.52	ug/g ww	0.96	54	Composite	109
4	16	San Pedro Bay	Shiner Surfperch	11	WNHTG	on, Scale	CHLORDANE	2.99	ng/g ww	0.96	311	Composite	109
4	16	San Pedro Bay	Shiner Surfperch	11	WNHTG	on, Scale	MERCURY	0.02	ug/g ww	0.96	2	Composite	109
4	16	San Pedro Bay	Spiny dogfish	3	FIL	Skin off	PCB	296.19	ng/g ww	10.30	2876	Composite	1049
4	16	San Pedro Bay	Spiny dogfish	3	FIL	Skin off	DDT	1077.40	ng/g ww	10.30	10460	Composite	1049
4	16	San Pedro Bay	Spiny dogfish	3	FIL	Skin off	SELENIUM	0.35	ug/g ww	10.30	3	Composite	1049
4	16	San Pedro Bay	Spiny dogfish	3	FIL	Skin off	MERCURY	1.30	ug/g ww	10.30	13	Composite	1049
4	16	San Pedro Bay	Spiny dogfish	3	FIL	Skin off	DIELDRIN	0.89	ng/g ww	10.30	9	Composite	1049
4	16	San Pedro Bay	Spiny dogfish	3	FIL	Skin off	CHLORDANE	42.08	ng/g ww	10.30	409	Composite	1049
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Composite	205
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	SELENIUM	0.38	ug/g ww			Composite	206
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Composite	206
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	SELENIUM	0.78	ug/g ww			Composite	205
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	SELENIUM	0.50	ug/g ww	0.69	73	Composite	206
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	PCB	29.13	ng/g ww	0.69	4233	Composite	206
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	MERCURY	0.09	ug/g ww	0.69	13	Composite	206
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	DIELDRIN	0.63	ng/g ww	0.69	91	Composite	206
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	DDT	52.07	ng/g ww	0.69	7569	Composite	206
4	16	San Pedro Bay	White Croaker	5	FIL	Skin off	CHLORDANE	3.70	ng/g ww	0.69	538	Composite	206
4	16	San Pedro Bay	White Surfperch	9	FIL	Skin off	MERCURY	0.02	ug/g ww			Average of Individuals	187
4	16	San Pedro Bay	White Surfperch	9	FIL	Skin off	CHLORDANE	5.39	ng/g ww	3.22	167	Composite	187
4	16	San Pedro Bay	White Surfperch	9	FIL	Skin off	DDT	147.07	ng/g ww	3.22	4567	Composite	187
4	16	San Pedro Bay	White Surfperch	9	FIL	Skin off	DIELDRIN	0.63	ng/g ww	3.22	19	Composite	187
4	16	San Pedro Bay	White Surfperch	9	FIL	Skin off	MERCURY	0.02	ug/g ww	3.22	1	Composite	187
4	16	San Pedro Bay	White Surfperch	9	FIL	Skin off	PCB	79.77	ng/g ww	3.22	2477	Composite	187
4	16	San Pedro Bay	White Surfperch	9	FIL	Skin off	SELENIUM	0.45	ug/g ww	3.22	14	Composite	187
4	15	Long Beach	Barred Sand Bass	3	FIL	Skin off	MERCURY	0.16	ug/g ww			Average of Individuals	357
4	15	Long Beach	Barred Sand Bass	3	FIL	Skin off	DDT	48.25	ng/g ww	0.73	6600	Composite	357
4	15	Long Beach	Barred Sand Bass	3	FIL	Skin off	SELENIUM	0.34	ug/g ww	0.73	47	Composite	357
4	15	Long Beach	Barred Sand Bass	3	FIL	Skin off	PCB	48.97	ng/g ww	0.73	6699	Composite	357
4	15	Long Beach	Barred Sand Bass	3	FIL	Skin off	CHLORDANE	1.46	ng/g ww	0.73	200	Composite	357
4	15	Long Beach	Barred Sand Bass	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.73	0	Composite	357
4	15	Long Beach	wn Smooth-hound Sh	3	FIL	Skin off	PCB	21.37	ng/g ww	0.45	4770	Composite	954

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
4	15	Long Beach	wn Smooth-hound Sh	3	FIL	Skin off	SELENIUM	0.21	ug/g ww	0.45	47	Composite	954
4	15	Long Beach	wn Smooth-hound Sh	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.45	0	Composite	954
4	15	Long Beach	wn Smooth-hound Sh	3	FIL	Skin off	MERCURY	0.70	ug/g ww	0.45	156	Composite	954
4	15	Long Beach	wn Smooth-hound Sh	3	FIL	Skin off	DDT	97.09	ng/g ww	0.45	21672	Composite	954
4	15	Long Beach	wn Smooth-hound Sh	3	FIL	Skin off	CHLORDANE	1.21	ng/g ww	0.45	269	Composite	954
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	MERCURY	0.09	ug/g ww			Composite	297
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.54	ug/g ww			Composite	297
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	MERCURY	0.14	ug/g ww			Composite	297
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.44	ug/g ww			Composite	297
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	CHLORDANE	1.64	ng/g ww	0.99	166	Composite	297
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	DDT	106.54	ng/g ww	0.99	10783	Composite	297
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.99	0	Composite	297
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.52	ug/g ww	0.99	53	Composite	297
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	MERCURY	0.15	ug/g ww	0.99	15	Composite	297
4	15	Long Beach	Chub Mackerel	5	FIL	Skin off	PCB	30.85	ng/g ww	0.99	3123	Composite	297
4	15	Long Beach	Shiner Surfperch	4	FIL	Skin off	MERCURY	0.04	ug/g ww			Average of Individuals	121
4	15	Long Beach	Top Smelt	7	WNHTG	on, Scale	CHLORDANE	2.42	ng/g ww	1.49	163	Composite	229
4	15	Long Beach	Top Smelt	7	WNHTG	on, Scale	SELENIUM	0.30	ug/g ww	1.49	20	Composite	229
4	15	Long Beach	Top Smelt	7	WNHTG	on, Scale	PCB	50.65	ng/g ww	1.49	3400	Composite	229
4	15	Long Beach	Top Smelt	7	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	1.49	0	Composite	229
4	15	Long Beach	Top Smelt	7	WNHTG	on, Scale	DDT	145.29	ng/g ww	1.49	9751	Composite	229
4	15	Long Beach	Top Smelt	7	WNHTG	on, Scale	MERCURY	0.05	ug/g ww	1.49	4	Composite	229
4	15	Long Beach	White Croaker	5	FIL	Skin off	SELENIUM	0.35	ug/g ww			Composite	218
4	15	Long Beach	White Croaker	5	FIL	Skin off	MERCURY	0.12	ug/g ww			Composite	218
4	15	Long Beach	White Croaker	5	FIL	Skin off	MERCURY	0.11	ug/g ww			Composite	218
4	15	Long Beach	White Croaker	5	FIL	Skin off	SELENIUM	0.38	ug/g ww			Composite	218
4	15	Long Beach	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.31	0	Composite	219
4	15	Long Beach	White Croaker	5	FIL	Skin off	SELENIUM	0.19	ug/g ww	1.31	15	Composite	219
4	15	Long Beach	White Croaker	5	FIL	Skin off	MERCURY	0.13	ug/g ww	1.31	10	Composite	219
4	15	Long Beach	White Croaker	5	FIL	Skin off	CHLORDANE	11.26	ng/g ww	1.31	860	Composite	219
4	15	Long Beach	White Croaker	5	FIL	Skin off	DDT	110.69	ng/g ww	1.31	8450	Composite	219
4	15	Long Beach	White Croaker	5	FIL	Skin off	PCB	104.02	ng/g ww	1.31	7941	Composite	219
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.24	ug/g ww			Composite	136
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.51	ug/g ww			Composite	136
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.02	ug/g ww			Composite	136
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.03	ug/g ww			Composite	136
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	DDT	23.37	ng/g ww	0.38	6215	Composite	136
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.28	ug/g ww	0.38	74	Composite	136
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	PCB	16.42	ng/g ww	0.38	4367	Composite	136
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.38	0	Composite	136
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.03	ug/g ww	0.38	7	Composite	136
4	15	Long Beach	Yellowfin Croaker	5	FIL	Skin off	CHLORDANE	1.75	ng/g ww	0.38	466	Composite	136
8	14	range County Oil Platform	Barred Sand Bass	7	FIL	Skin off	MERCURY	0.19	ug/g ww			Average of Individuals	379
8	14	range County Oil Platform	Barred Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.22	0	Composite	380
8	14	range County Oil Platform	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.38	ug/g ww	1.22	31	Composite	380
8	14	range County Oil Platform	Barred Sand Bass	5	FIL	Skin off	PCB	32.58	ng/g ww	1.22	2670	Composite	380
8	14	range County Oil Platform	Barred Sand Bass	5	FIL	Skin off	DDT	91.39	ng/g ww	1.22	7491	Composite	380
8	14	range County Oil Platform	Barred Sand Bass	5	FIL	Skin off	CHLORDANE	2.61	ng/g ww	1.22	214	Composite	380
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	MERCURY	0.03	ug/g ww			Composite	234
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.57	ug/g ww			Composite	234
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	MERCURY	0.03	ug/g ww			Composite	234

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.62	ug/g ww			Composite	234
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	5.82	0	Composite	234
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.48	ug/g ww	5.82	8	Composite	234
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	PCB	23.19	ng/g ww	5.82	399	Composite	234
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	DDT	63.83	ng/g ww	5.82	1097	Composite	234
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	CHLORDANE	1.43	ng/g ww	5.82	25	Composite	234
8	14	range County Oil Platform	Chub Mackerel	5	FIL	Skin off	MERCURY	0.03	ug/g ww	5.82	1	Composite	234
8	14	range County Oil Platform	Kelp Bass	5	FIL	Skin off	SELENIUM	0.32	ug/g ww			Composite	335
8	14	range County Oil Platform	Kelp Bass	5	FIL	Skin off	MERCURY	0.16	ug/g ww			Composite	335
8	14	range County Oil Platform	Kelp Bass	10	FIL	Skin off	MERCURY	0.16	ug/g ww			Average of Individuals	341
8	14	range County Oil Platform	Kelp Bass	5	FIL	Skin off	SELENIUM	0.67	ug/g ww			Composite	336
8	14	range County Oil Platform	Kelp Bass	5	FIL	Skin off	MERCURY	0.11	ug/g ww	1.29	9	Composite	336
8	14	range County Oil Platform	Kelp Bass	5	FIL	Skin off	SELENIUM	0.34	ug/g ww	1.29	26	Composite	336
8	14	range County Oil Platform	Kelp Bass	5	FIL	Skin off	PCB	20.77	ng/g ww	1.29	1610	Composite	336
8	14	range County Oil Platform	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.29	0	Composite	336
8	14	range County Oil Platform	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.59	ng/g ww	1.29	45	Composite	336
8	14	range County Oil Platform	Kelp Bass	5	FIL	Skin off	DDT	49.55	ng/g ww	1.29	3841	Composite	336
8	14	range County Oil Platform	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.56	0	Composite	217
8	14	range County Oil Platform	White Croaker	5	FIL	Skin off	CHLORDANE	0.47	ng/g ww	1.56	30	Composite	217
8	14	range County Oil Platform	White Croaker	5	FIL	Skin off	PCB	22.56	ng/g ww	1.56	1446	Composite	217
8	14	range County Oil Platform	White Croaker	5	FIL	Skin off	SELENIUM	0.36	ug/g ww	1.56	23	Composite	217
8	14	range County Oil Platform	White Croaker	5	FIL	Skin off	DDT	57.18	ng/g ww	1.56	3665	Composite	217
8	14	range County Oil Platform	White Croaker	5	FIL	Skin off	MERCURY	0.13	ug/g ww	1.56	8	Composite	217
8	13	nta Ana River to Seal Be	Barred Sand Bass	4	FIL	Skin off	MERCURY	0.21	ug/g ww			Average of Individuals	308
8	13	nta Ana River to Seal Be	Barred Sand Bass	4	FIL	Skin off	CHLORDANE	0.40	ng/g ww	0.42	95	Composite	308
8	13	nta Ana River to Seal Be	Barred Sand Bass	4	FIL	Skin off	SELENIUM	0.42	ug/g ww	0.42	101	Composite	308
8	13	nta Ana River to Seal Be	Barred Sand Bass	4	FIL	Skin off	DDT	34.75	ng/g ww	0.42	8374	Composite	308
8	13	nta Ana River to Seal Be	Barred Sand Bass	4	FIL	Skin off	PCB	18.19	ng/g ww	0.42	4382	Composite	308
8	13	nta Ana River to Seal Be	Barred Sand Bass	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.42	0	Composite	308
8	13	nta Ana River to Seal Be	Barred Surfperch	8	FIL	Skin off	MERCURY	0.07	ug/g ww			Average of Individuals	208
8	13	nta Ana River to Seal Be	Barred Surfperch	8	FIL	Skin off	MERCURY	0.06	ug/g ww	3.54	2	Composite	208
8	13	nta Ana River to Seal Be	Barred Surfperch	8	FIL	Skin off	SELENIUM	0.59	ug/g ww	3.54	17	Composite	208
8	13	nta Ana River to Seal Be	Barred Surfperch	8	FIL	Skin off	CHLORDANE	4.39	ng/g ww	3.54	124	Composite	208
8	13	nta Ana River to Seal Be	Barred Surfperch	8	FIL	Skin off	PCB	46.68	ng/g ww	3.54	1319	Composite	208
8	13	nta Ana River to Seal Be	Barred Surfperch	8	FIL	Skin off	DIELDRIN	0.00	ng/g ww	3.54	0	Composite	208
8	13	nta Ana River to Seal Be	Barred Surfperch	8	FIL	Skin off	DDT	99.97	ng/g ww	3.54	2824	Composite	208
8	13	nta Ana River to Seal Be	wn Smooth-hound Sh	3	FIL	Skin off	CHLORDANE	22.55	ng/g ww	16.50	137	Composite	1070
8	13	nta Ana River to Seal Be	wn Smooth-hound Sh	3	FIL	Skin off	DDT	177.58	ng/g ww	16.50	1076	Composite	1070
8	13	nta Ana River to Seal Be	wn Smooth-hound Sh	3	FIL	Skin off	DIELDRIN	1.29	ng/g ww	16.50	8	Composite	1070
8	13	nta Ana River to Seal Be	wn Smooth-hound Sh	3	FIL	Skin off	MERCURY	0.72	ug/g ww	16.50	4	Composite	1070
8	13	nta Ana River to Seal Be	wn Smooth-hound Sh	3	FIL	Skin off	PCB	70.10	ng/g ww	16.50	425	Composite	1070
8	13	nta Ana River to Seal Be	wn Smooth-hound Sh	3	FIL	Skin off	SELENIUM	0.40	ug/g ww	16.50	2	Composite	1070
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.36	ug/g ww			Composite	236
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	MERCURY	0.03	ug/g ww			Composite	236
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww			Composite	236
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.45	ug/g ww			Composite	236
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.84	0	Composite	236
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	DDT	11.24	ng/g ww	0.84	1344	Composite	236
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.60	ug/g ww	0.84	72	Composite	236
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww	0.84	6	Composite	236
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	PCB	3.72	ng/g ww	0.84	445	Composite	236

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
8	13	nta Ana River to Seal Be	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.20	ng/g ww	0.84	24	Composite	236
8	13	nta Ana River to Seal Be	Kelp Bass	4	FIL	Skin off	SELENIUM	0.37	ug/g ww			Composite	263
8	13	nta Ana River to Seal Be	Kelp Bass	9	FIL	Skin off	MERCURY	0.13	ug/g ww			Average of Individuals	263
8	13	nta Ana River to Seal Be	Kelp Bass	5	FIL	Skin off	PCB	24.28	ng/g ww	0.58	4215	Composite	263
8	13	nta Ana River to Seal Be	Kelp Bass	5	FIL	Skin off	CHLORDANE	1.03	ng/g ww	0.58	178	Composite	263
8	13	nta Ana River to Seal Be	Kelp Bass	5	FIL	Skin off	DDT	32.51	ng/g ww	0.58	5643	Composite	263
8	13	nta Ana River to Seal Be	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.58	0	Composite	263
8	13	nta Ana River to Seal Be	Kelp Bass	5	FIL	Skin off	SELENIUM	0.28	ug/g ww	0.58	49	Composite	263
8	13	nta Ana River to Seal Be	Spotfin Croaker	5	FIL	Skin off	CHLORDANE	26.35	ng/g ww	1.75	1506	Composite	350
8	13	nta Ana River to Seal Be	Spotfin Croaker	5	FIL	Skin off	DDT	94.66	ng/g ww	1.75	5409	Composite	350
8	13	nta Ana River to Seal Be	Spotfin Croaker	5	FIL	Skin off	PCB	108.01	ng/g ww	1.75	6172	Composite	350
8	13	nta Ana River to Seal Be	Spotfin Croaker	5	FIL	Skin off	DIELDRIN	1.39	ng/g ww	1.75	79	Composite	350
8	13	nta Ana River to Seal Be	Spotfin Croaker	5	FIL	Skin off	MERCURY	0.05	ug/g ww	1.75	3	Composite	350
8	13	nta Ana River to Seal Be	Spotfin Croaker	5	FIL	Skin off	SELENIUM	0.48	ug/g ww	1.75	27	Composite	350
8	12	Newport Bay	Black Perch	8	FIL	Skin off	MERCURY	0.03	ug/g ww			Average of Individuals	177
8	12	Newport Bay	Black Perch	5	FIL	Skin off	PCB	10.47	ng/g ww	1.02	1027	Composite	172
8	12	Newport Bay	Black Perch	5	FIL	Skin off	CHLORDANE	2.15	ng/g ww	1.02	211	Composite	172
8	12	Newport Bay	Black Perch	5	FIL	Skin off	SELENIUM	0.24	ug/g ww	1.02	24	Composite	172
8	12	Newport Bay	Black Perch	5	FIL	Skin off	DDT	36.96	ng/g ww	1.02	3624	Composite	172
8	12	Newport Bay	Black Perch	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.02	0	Composite	172
8	12	Newport Bay	Shiner Surfperch	10	FIL	Skin off	MERCURY	0.03	ug/g ww			Average of Individuals	118
8	12	Newport Bay	Shiner Surfperch	14	WNHTG	on, Scale	CHLORDANE	3.15	ng/g ww	1.13	279	Composite	114
8	12	Newport Bay	Shiner Surfperch	14	WNHTG	on, Scale	PCB	19.72	ng/g ww	1.13	1745	Composite	114
8	12	Newport Bay	Shiner Surfperch	14	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	1.13	0	Composite	114
8	12	Newport Bay	Shiner Surfperch	14	WNHTG	on, Scale	MERCURY	0.01	ug/g ww	1.13	1	Composite	114
8	12	Newport Bay	Shiner Surfperch	14	WNHTG	on, Scale	DDT	64.89	ng/g ww	1.13	5743	Composite	114
8	12	Newport Bay	Shiner Surfperch	14	WNHTG	on, Scale	SELENIUM	0.21	ug/g ww	1.13	19	Composite	114
8	12	Newport Bay	Spotted Sand Bass	10	FIL	Skin off	MERCURY	0.16	ug/g ww			Average of Individuals	353
8	12	Newport Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.62	ug/g ww			Composite	353
8	12	Newport Bay	Spotted Sand Bass	5	FIL	Skin off	CHLORDANE	2.09	ng/g ww	0.44	471	Composite	354
8	12	Newport Bay	Spotted Sand Bass	5	FIL	Skin off	PCB	22.36	ng/g ww	0.44	5035	Composite	354
8	12	Newport Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.67	ug/g ww	0.44	151	Composite	354
8	12	Newport Bay	Spotted Sand Bass	5	FIL	Skin off	DDT	29.70	ng/g ww	0.44	6689	Composite	354
8	12	Newport Bay	Spotted Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.44	0	Composite	354
8	12	Newport Bay	Top Smelt	74	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	0.78	0	Supercomposite	126
8	12	Newport Bay	Top Smelt	74	WNHTG	on, Scale	PCB	25.60	ng/g ww	0.78	3265	Supercomposite	126
8	12	Newport Bay	Top Smelt	74	WNHTG	on, Scale	SELENIUM	0.63	ug/g ww	0.78	80	Supercomposite	126
8	12	Newport Bay	Top Smelt	74	WNHTG	on, Scale	CHLORDANE	5.61	ng/g ww	0.78	716	Supercomposite	126
8	12	Newport Bay	Top Smelt	74	WNHTG	on, Scale	DDT	99.54	ng/g ww	0.78	12696	Supercomposite	126
8	12	Newport Bay	Top Smelt	74	WNHTG	on, Scale	MERCURY	0.01	ug/g ww	0.78	2	Supercomposite	126
8	12	Newport Bay	White Croaker	5	FIL	Skin off	MERCURY	0.23	ug/g ww			Composite	233
8	12	Newport Bay	White Croaker	5	FIL	Skin off	MERCURY	0.22	ug/g ww			Composite	233
8	12	Newport Bay	White Croaker	5	FIL	Skin off	SELENIUM	0.38	ug/g ww			Composite	233
8	12	Newport Bay	White Croaker	5	FIL	Skin off	SELENIUM	0.34	ug/g ww			Composite	233
8	12	Newport Bay	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.63	0	Composite	233
8	12	Newport Bay	White Croaker	5	FIL	Skin off	DDT	23.81	ng/g ww	0.63	3803	Composite	233
8	12	Newport Bay	White Croaker	5	FIL	Skin off	CHLORDANE	0.29	ng/g ww	0.63	46	Composite	233
8	12	Newport Bay	White Croaker	5	FIL	Skin off	PCB	10.83	ng/g ww	0.63	1730	Composite	233
8	12	Newport Bay	White Croaker	5	FIL	Skin off	SELENIUM	0.35	ug/g ww	0.63	56	Composite	233
8	12	Newport Bay	White Croaker	5	FIL	Skin off	MERCURY	0.23	ug/g ww	0.63	37	Composite	233
8	11	stal Cove to Santa Ana R	Barred Sand Bass	3	FIL	Skin off	MERCURY	0.19	ug/g ww			Average of Individuals	355

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
8	11	stal Cove to Santa Ana R	Barred Sand Bass	3	FIL	Skin off	PCB	6.34	ng/g ww	0.43	1462	Composite	355
8	11	stal Cove to Santa Ana R	Barred Sand Bass	3	FIL	Skin off	SELENIUM	0.31	ug/g ww	0.43	71	Composite	355
8	11	stal Cove to Santa Ana R	Barred Sand Bass	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.43	0	Composite	355
8	11	stal Cove to Santa Ana R	Barred Sand Bass	3	FIL	Skin off	DDT	23.64	ng/g ww	0.43	5448	Composite	355
8	11	stal Cove to Santa Ana R	Barred Sand Bass	3	FIL	Skin off	CHLORDANE	0.26	ng/g ww	0.43	60	Composite	355
8	11	stal Cove to Santa Ana R	wn Smooth-hound Sh	3	FIL	Skin off	PCB	136.42	ng/g ww	11.40	1197	Composite	1061
8	11	stal Cove to Santa Ana R	wn Smooth-hound Sh	3	FIL	Skin off	CHLORDANE	26.50	ng/g ww	11.40	232	Composite	1061
8	11	stal Cove to Santa Ana R	wn Smooth-hound Sh	3	FIL	Skin off	DDT	427.77	ng/g ww	11.40	3752	Composite	1061
8	11	stal Cove to Santa Ana R	wn Smooth-hound Sh	3	FIL	Skin off	DIELDRIN	0.95	ng/g ww	11.40	8	Composite	1061
8	11	stal Cove to Santa Ana R	wn Smooth-hound Sh	3	FIL	Skin off	MERCURY	1.45	ug/g ww	11.40	13	Composite	1061
8	11	stal Cove to Santa Ana R	wn Smooth-hound Sh	3	FIL	Skin off	SELENIUM	0.47	ug/g ww	11.40	4	Composite	1061
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww			Composite	226
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww			Composite	227
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.37	ug/g ww			Composite	227
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.41	ug/g ww			Composite	226
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.96	0	Composite	227
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	DDT	9.75	ng/g ww	0.96	1011	Composite	227
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	PCB	1.88	ng/g ww	0.96	195	Composite	227
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww	0.96	5	Composite	227
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.71	ug/g ww	0.96	74	Composite	227
8	11	stal Cove to Santa Ana R	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.96	0	Composite	227
8	11	stal Cove to Santa Ana R	Kelp Bass	10	FIL	Skin off	MERCURY	0.12	ug/g ww			Average of Individuals	342
8	11	stal Cove to Santa Ana R	Kelp Bass	5	FIL	Skin off	SELENIUM	0.27	ug/g ww			Composite	332
8	11	stal Cove to Santa Ana R	Kelp Bass	4	FIL	Skin off	SELENIUM	0.08	ug/g ww			Composite	443
8	11	stal Cove to Santa Ana R	Kelp Bass	4	FIL	Skin off	MERCURY	0.16	ug/g ww			Composite	443
8	11	stal Cove to Santa Ana R	Kelp Bass	5	FIL	Skin off	DDT	23.30	ng/g ww	0.60	3877	Composite	334
8	11	stal Cove to Santa Ana R	Kelp Bass	5	FIL	Skin off	SELENIUM	0.27	ug/g ww	0.60	45	Composite	334
8	11	stal Cove to Santa Ana R	Kelp Bass	5	FIL	Skin off	PCB	8.55	ng/g ww	0.60	1422	Composite	334
8	11	stal Cove to Santa Ana R	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.60	0	Composite	334
8	11	stal Cove to Santa Ana R	Kelp Bass	5	FIL	Skin off	MERCURY	0.13	ug/g ww	0.60	21	Composite	334
8	11	stal Cove to Santa Ana R	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.40	ng/g ww	0.60	66	Composite	334
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	SELENIUM	0.33	ug/g ww			Composite	230
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	MERCURY	0.20	ug/g ww			Composite	230
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	SELENIUM	0.31	ug/g ww			Composite	234
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	MERCURY	0.15	ug/g ww			Composite	234
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	MERCURY	0.20	ug/g ww	1.09	18	Composite	230
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.09	0	Composite	230
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	PCB	11.40	ng/g ww	1.09	1046	Composite	230
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	SELENIUM	0.38	ug/g ww	1.09	35	Composite	230
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	DDT	32.60	ng/g ww	1.09	2991	Composite	230
8	11	stal Cove to Santa Ana R	White Croaker	5	FIL	Skin off	CHLORDANE	0.33	ng/g ww	1.09	30	Composite	230
9	10	Dana Point Harbor	Opaleye	5	FIL	Skin off	SELENIUM	0.28	ug/g ww	0.32	89	Composite	215
9	10	Dana Point Harbor	Opaleye	5	FIL	Skin off	DDT	0.00	ng/g ww	0.32	0	Composite	215
9	10	Dana Point Harbor	Opaleye	5	FIL	Skin off	MERCURY	0.05	ug/g ww	0.32	15	Composite	215
9	10	Dana Point Harbor	Opaleye	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.32	0	Composite	215
9	10	Dana Point Harbor	Opaleye	5	FIL	Skin off	PCB	0.21	ng/g ww	0.32	65	Composite	215
9	10	Dana Point Harbor	Opaleye	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.32	0	Composite	215
9	10	Dana Point Harbor	Shiner Surfperch	10	FIL	Skin off	MERCURY	0.02	ug/g ww			Average of Individuals	116
9	10	Dana Point Harbor	Shiner Surfperch	25	WNHTG	on, Scale	MERCURY	0.02	ug/g ww	0.31	7	Composite	112
9	10	Dana Point Harbor	Shiner Surfperch	25	WNHTG	on, Scale	CHLORDANE	7.36	ng/g ww	0.31	2344	Composite	112
9	10	Dana Point Harbor	Shiner Surfperch	25	WNHTG	on, Scale	DIELDRIN	3.01	ng/g ww	0.31	959	Composite	112

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
9	10	Dana Point Harbor	Shiner Surfperch	25	WNHTG	on, Scale	SELENIUM	0.42	ug/g ww	0.31	134	Composite	112
9	10	Dana Point Harbor	Shiner Surfperch	25	WNHTG	on, Scale	DDT	13.01	ng/g ww	0.31	4144	Composite	112
9	10	Dana Point Harbor	Shiner Surfperch	25	WNHTG	on, Scale	PCB	49.30	ng/g ww	0.31	15699	Composite	112
9	10	Dana Point Harbor	Spotfin Croaker	5	FIL	Skin off	SELENIUM	0.35	ug/g ww	0.49	71	Composite	225
9	10	Dana Point Harbor	Spotfin Croaker	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.49	0	Composite	225
9	10	Dana Point Harbor	Spotfin Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.49	0	Composite	225
9	10	Dana Point Harbor	Spotfin Croaker	5	FIL	Skin off	DDT	2.75	ng/g ww	0.49	559	Composite	225
9	10	Dana Point Harbor	Spotfin Croaker	5	FIL	Skin off	MERCURY	0.01	ug/g ww	0.49	3	Composite	225
9	10	Dana Point Harbor	Spotfin Croaker	5	FIL	Skin off	PCB	3.07	ng/g ww	0.49	624	Composite	225
9	10	Dana Point Harbor	Top Smelt	16	WNHTG	on, Scale	DDT	12.00	ng/g ww	0.53	2265	Composite	176
9	10	Dana Point Harbor	Top Smelt	16	WNHTG	on, Scale	CHLORDANE	0.36	ng/g ww	0.53	67	Composite	176
9	10	Dana Point Harbor	Top Smelt	16	WNHTG	on, Scale	MERCURY	0.06	ug/g ww	0.53	11	Composite	176
9	10	Dana Point Harbor	Top Smelt	16	WNHTG	on, Scale	PCB	3.37	ng/g ww	0.53	635	Composite	176
9	10	Dana Point Harbor	Top Smelt	16	WNHTG	on, Scale	SELENIUM	0.51	ug/g ww	0.53	96	Composite	176
9	10	Dana Point Harbor	Top Smelt	16	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	0.53	0	Composite	176
9	10	Dana Point Harbor	White Croaker	4	FIL	Skin off	PCB	0.48	ng/g ww	0.33	145	Composite	243
9	10	Dana Point Harbor	White Croaker	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.33	0	Composite	243
9	10	Dana Point Harbor	White Croaker	4	FIL	Skin off	MERCURY	0.07	ug/g ww	0.33	22	Composite	243
9	10	Dana Point Harbor	White Croaker	4	FIL	Skin off	SELENIUM	0.34	ug/g ww	0.33	103	Composite	243
9	10	Dana Point Harbor	White Croaker	4	FIL	Skin off	DDT	3.15	ng/g ww	0.33	955	Composite	243
9	10	Dana Point Harbor	White Croaker	4	FIL	Skin off	CHLORDANE	0.21	ng/g ww	0.33	65	Composite	243
9	10	Dana Point Harbor	White Surfperch	10	FIL	Skin off	MERCURY	0.03	ug/g ww			Average of Individuals	194
9	10	Dana Point Harbor	White Surfperch	10	WNHTG	on, Scale	SELENIUM	0.24	ug/g ww	2.18	11	Composite	194
9	10	Dana Point Harbor	White Surfperch	10	WNHTG	on, Scale	MERCURY	0.03	ug/g ww	2.18	1	Composite	194
9	10	Dana Point Harbor	White Surfperch	10	WNHTG	on, Scale	DDT	19.59	ng/g ww	2.18	898	Composite	194
9	10	Dana Point Harbor	White Surfperch	10	WNHTG	on, Scale	CHLORDANE	1.88	ng/g ww	2.18	86	Composite	194
9	10	Dana Point Harbor	White Surfperch	10	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	2.18	0	Composite	194
9	10	Dana Point Harbor	White Surfperch	10	WNHTG	on, Scale	PCB	11.93	ng/g ww	2.18	547	Composite	194
9	9	San Onofre to Crystal Cov	Barred Sand Bass	10	FIL	Skin off	MERCURY	0.19	ug/g ww			Average of Individuals	338
9	9	San Onofre to Crystal Cov	Barred Sand Bass	5	FIL	Skin off	MERCURY	0.21	ug/g ww			Composite	325
9	9	San Onofre to Crystal Cov	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.25	ug/g ww			Composite	324
9	9	San Onofre to Crystal Cov	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.25	ug/g ww			Composite	325
9	9	San Onofre to Crystal Cov	Barred Sand Bass	5	FIL	Skin off	MERCURY	0.18	ug/g ww			Composite	324
9	9	San Onofre to Crystal Cov	Barred Sand Bass	5	FIL	Skin off	PCB	23.84	ng/g ww	0.80	2969	Composite	326
9	9	San Onofre to Crystal Cov	Barred Sand Bass	5	FIL	Skin off	DDT	39.13	ng/g ww	0.80	4872	Composite	326
9	9	San Onofre to Crystal Cov	Barred Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.80	0	Composite	326
9	9	San Onofre to Crystal Cov	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.61	ug/g ww	0.80	76	Composite	326
9	9	San Onofre to Crystal Cov	Barred Sand Bass	5	FIL	Skin off	CHLORDANE	0.60	ng/g ww	0.80	75	Composite	326
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	MERCURY	0.09	ug/g ww			Composite	281
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.38	ug/g ww			Composite	281
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	MERCURY	0.11	ug/g ww			Composite	281
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.38	ug/g ww			Composite	281
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	PCB	8.65	ng/g ww	0.79	1099	Composite	281
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.79	0	Composite	281
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.37	ug/g ww	0.79	47	Composite	281
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	DDT	28.40	ng/g ww	0.79	3609	Composite	281
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	MERCURY	0.09	ug/g ww	0.79	12	Composite	281
9	9	San Onofre to Crystal Cov	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.37	ng/g ww	0.79	47	Composite	281
9	9	San Onofre to Crystal Cov	Kelp Bass	10	FIL	Skin off	MERCURY	0.12	ug/g ww			Average of Individuals	312
9	9	San Onofre to Crystal Cov	Kelp Bass	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Composite	308
9	9	San Onofre to Crystal Cov	Kelp Bass	5	FIL	Skin off	SELENIUM	0.23	ug/g ww			Composite	308

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
9	9	San Onofre to Crystal Cov	Kelp Bass	5	FIL	Skin off	MERCURY	0.08	ug/g ww			Composite	307
9	9	San Onofre to Crystal Cov	Kelp Bass	5	FIL	Skin off	SELENIUM	0.26	ug/g ww			Composite	307
9	9	San Onofre to Crystal Cov	Kelp Bass	5	FIL	Skin off	PCB	1.70	ng/g ww	0.55	308	Composite	308
9	9	San Onofre to Crystal Cov	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.55	0	Composite	308
9	9	San Onofre to Crystal Cov	Kelp Bass	5	FIL	Skin off	DDT	8.90	ng/g ww	0.55	1609	Composite	308
9	9	San Onofre to Crystal Cov	Kelp Bass	5	FIL	Skin off	SELENIUM	0.36	ug/g ww	0.55	65	Composite	308
9	9	San Onofre to Crystal Cov	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.55	0	Composite	308
9	9	San Onofre to Crystal Cov	Pacific Barracuda	4	FIL	Skin off	CHLORDANE	2.77	ng/g ww	1.27	218	Composite	499
9	9	San Onofre to Crystal Cov	Pacific Barracuda	4	FIL	Skin off	DDT	79.03	ng/g ww	1.27	6223	Composite	499
9	9	San Onofre to Crystal Cov	Pacific Barracuda	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.27	0	Composite	499
9	9	San Onofre to Crystal Cov	Pacific Barracuda	4	FIL	Skin off	SELENIUM	0.27	ug/g ww	1.27	21	Composite	499
9	9	San Onofre to Crystal Cov	Pacific Barracuda	4	FIL	Skin off	PCB	41.61	ng/g ww	1.27	3276	Composite	499
9	9	San Onofre to Crystal Cov	Pacific Barracuda	4	FIL	Skin off	MERCURY	0.14	ug/g ww	1.27	11	Composite	499
9	8	Oceanside Harbor	Queenfish	4	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.20	0	Composite	165
9	8	Oceanside Harbor	Queenfish	4	FIL	Skin off	MERCURY	0.07	ug/g ww	0.20	32	Composite	165
9	8	Oceanside Harbor	Queenfish	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.20	0	Composite	165
9	8	Oceanside Harbor	Queenfish	4	FIL	Skin off	DDT	2.60	ng/g ww	0.20	1281	Composite	165
9	8	Oceanside Harbor	Queenfish	4	FIL	Skin off	PCB	0.85	ng/g ww	0.20	416	Composite	165
9	8	Oceanside Harbor	Queenfish	4	FIL	Skin off	SELENIUM	0.20	ug/g ww	0.20	99	Composite	165
9	8	Oceanside Harbor	Spotfin Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.51	0	Composite	146
9	8	Oceanside Harbor	Spotfin Croaker	5	FIL	Skin off	DDT	2.76	ng/g ww	0.51	544	Composite	146
9	8	Oceanside Harbor	Spotfin Croaker	5	FIL	Skin off	SELENIUM	0.25	ug/g ww	0.51	49	Composite	146
9	8	Oceanside Harbor	Spotfin Croaker	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.51	0	Composite	146
9	8	Oceanside Harbor	Spotfin Croaker	5	FIL	Skin off	MERCURY	0.01	ug/g ww	0.51	2	Composite	146
9	8	Oceanside Harbor	Spotfin Croaker	5	FIL	Skin off	PCB	0.26	ng/g ww	0.51	51	Composite	146
9	8	Oceanside Harbor	White Croaker	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.65	0	Composite	175
9	8	Oceanside Harbor	White Croaker	4	FIL	Skin off	MERCURY	0.04	ug/g ww	0.65	6	Composite	175
9	8	Oceanside Harbor	White Croaker	4	FIL	Skin off	PCB	0.51	ng/g ww	0.65	79	Composite	175
9	8	Oceanside Harbor	White Croaker	4	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.65	0	Composite	175
9	8	Oceanside Harbor	White Croaker	4	FIL	Skin off	SELENIUM	0.29	ug/g ww	0.65	45	Composite	175
9	8	Oceanside Harbor	White Croaker	4	FIL	Skin off	DDT	4.46	ng/g ww	0.65	689	Composite	175
9	8	Oceanside Harbor	White Surfperch	6	FIL	Skin off	MERCURY	0.04	ug/g ww			Average of Individuals	214
9	8	Oceanside Harbor	White Surfperch	6	FIL	Skin off	DDT	34.46	ng/g ww	2.81	1226	Composite	214
9	8	Oceanside Harbor	White Surfperch	6	FIL	Skin off	DIELDRIN	0.45	ng/g ww	2.81	16	Composite	214
9	8	Oceanside Harbor	White Surfperch	6	FIL	Skin off	PCB	20.42	ng/g ww	2.81	727	Composite	214
9	8	Oceanside Harbor	White Surfperch	6	FIL	Skin off	SELENIUM	0.29	ug/g ww	2.81	10	Composite	214
9	8	Oceanside Harbor	White Surfperch	6	FIL	Skin off	CHLORDANE	1.39	ng/g ww	2.81	50	Composite	214
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.68	ug/g ww			Composite	192
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.03	ug/g ww			Composite	192
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.81	ug/g ww			Composite	192
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.04	ug/g ww			Composite	192
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	DDT	1.88	ng/g ww	0.38	500	Composite	193
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.31	ug/g ww	0.38	82	Composite	193
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	PCB	0.22	ng/g ww	0.38	59	Composite	193
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.38	0	Composite	193
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.38	0	Composite	193
9	8	Oceanside Harbor	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.03	ug/g ww	0.38	7	Composite	193
9	7	La Jolla to San Onofre	Barred Sand Bass	5	FIL	Skin off	MERCURY	0.28	ug/g ww			Average of Individuals	373
9	7	La Jolla to San Onofre	Barred Sand Bass	4	FIL	Skin off	SELENIUM	0.64	ug/g ww	0.42	154	Composite	318
9	7	La Jolla to San Onofre	Barred Sand Bass	4	FIL	Skin off	PCB	1.63	ng/g ww	0.42	393	Composite	318
9	7	La Jolla to San Onofre	Barred Sand Bass	4	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.42	0	Composite	318

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
9	7	La Jolla to San Onofre	Barred Sand Bass	4	FIL	Skin off	DDT	7.97	ng/g ww	0.42	1916	Composite	318
9	7	La Jolla to San Onofre	Barred Sand Bass	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.42	0	Composite	318
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.56	ug/g ww			Composite	239
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Composite	239
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww			Composite	239
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.46	ug/g ww			Composite	239
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.11	0	Composite	240
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.53	ug/g ww	1.11	48	Composite	240
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww	1.11	3	Composite	240
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.21	ng/g ww	1.11	19	Composite	240
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	PCB	3.33	ng/g ww	1.11	300	Composite	240
9	7	La Jolla to San Onofre	Chub Mackerel	5	FIL	Skin off	DDT	10.15	ng/g ww	1.11	914	Composite	240
9	7	La Jolla to San Onofre	Kelp Bass	10	FIL	Skin off	MERCURY	0.14	ug/g ww			Average of Individuals	315
9	7	La Jolla to San Onofre	Kelp Bass	5	FIL	Skin off	SELENIUM	0.32	ug/g ww			Composite	316
9	7	La Jolla to San Onofre	Kelp Bass	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Composite	316
9	7	La Jolla to San Onofre	Kelp Bass	5	FIL	Skin off	SELENIUM	0.87	ug/g ww			Composite	316
9	7	La Jolla to San Onofre	Kelp Bass	5	FIL	Skin off	MERCURY	0.17	ug/g ww			Composite	316
9	7	La Jolla to San Onofre	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.19	ng/g ww	0.65	30	Composite	317
9	7	La Jolla to San Onofre	Kelp Bass	5	FIL	Skin off	SELENIUM	1.23	ug/g ww	0.65	190	Composite	317
9	7	La Jolla to San Onofre	Kelp Bass	5	FIL	Skin off	DDT	7.38	ng/g ww	0.65	1137	Composite	317
9	7	La Jolla to San Onofre	Kelp Bass	5	FIL	Skin off	PCB	3.65	ng/g ww	0.65	563	Composite	317
9	7	La Jolla to San Onofre	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.65	0	Composite	317
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	SELENIUM	0.84	ug/g ww			Composite	204
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	MERCURY	0.12	ug/g ww			Composite	204
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	SELENIUM	0.58	ug/g ww			Composite	204
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	MERCURY	0.12	ug/g ww			Composite	204
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	CHLORDANE	0.43	ng/g ww	1.29	33	Composite	204
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	DDT	38.70	ng/g ww	1.29	3000	Composite	204
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.29	0	Composite	204
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	MERCURY	0.12	ug/g ww	1.29	10	Composite	204
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	SELENIUM	0.34	ug/g ww	1.29	26	Composite	204
9	7	La Jolla to San Onofre	White Croaker	5	FIL	Skin off	PCB	7.77	ng/g ww	1.29	602	Composite	204
9	6	Mission Bay	Shiner Surfperch	10	FIL	Skin off	MERCURY	0.03	ug/g ww			Average of Individuals	112
9	6	Mission Bay	Shiner Surfperch	22	WNHTG	on, Scale	MERCURY	0.04	ug/g ww	0.77	5	Composite	115
9	6	Mission Bay	Shiner Surfperch	22	WNHTG	on, Scale	PCB	15.03	ng/g ww	0.77	1941	Composite	115
9	6	Mission Bay	Shiner Surfperch	22	WNHTG	on, Scale	CHLORDANE	1.86	ng/g ww	0.77	241	Composite	115
9	6	Mission Bay	Shiner Surfperch	22	WNHTG	on, Scale	SELENIUM	0.37	ug/g ww	0.77	48	Composite	115
9	6	Mission Bay	Shiner Surfperch	22	WNHTG	on, Scale	DIELDRIN	0.48	ng/g ww	0.77	62	Composite	115
9	6	Mission Bay	Shiner Surfperch	22	WNHTG	on, Scale	DDT	8.39	ng/g ww	0.77	1084	Composite	115
9	6	Mission Bay	Spotted Sand Bass	10	FIL	Skin off	MERCURY	0.12	ug/g ww			Average of Individuals	344
9	6	Mission Bay	Spotted Sand Bass	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Composite	342
9	6	Mission Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.34	ug/g ww			Composite	342
9	6	Mission Bay	Spotted Sand Bass	5	FIL	Skin off	MERCURY	0.14	ug/g ww			Composite	341
9	6	Mission Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.46	ug/g ww			Composite	341
9	6	Mission Bay	Spotted Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.61	0	Composite	342
9	6	Mission Bay	Spotted Sand Bass	5	FIL	Skin off	CHLORDANE	0.42	ng/g ww	0.61	68	Composite	342
9	6	Mission Bay	Spotted Sand Bass	5	FIL	Skin off	DDT	2.12	ng/g ww	0.61	346	Composite	342
9	6	Mission Bay	Spotted Sand Bass	5	FIL	Skin off	PCB	6.20	ng/g ww	0.61	1012	Composite	342
9	6	Mission Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.52	ug/g ww	0.61	85	Composite	342
9	6	Mission Bay	Top Smelt	21	WNHTG	on, Scale	SELENIUM	0.63	ug/g ww	1.09	58	Composite	148
9	6	Mission Bay	Top Smelt	21	WNHTG	on, Scale	PCB	9.31	ng/g ww	1.09	854	Composite	148

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
9	6	Mission Bay	Top Smelt	21	WNHTG	on, Scale	MERCURY	0.03	ug/g ww	1.09	3	Composite	148
9	6	Mission Bay	Top Smelt	21	WNHTG	on, Scale	DDT	5.41	ng/g ww	1.09	497	Composite	148
9	6	Mission Bay	Top Smelt	21	WNHTG	on, Scale	CHLORDANE	0.36	ng/g ww	1.09	33	Composite	148
9	6	Mission Bay	Top Smelt	21	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	1.09	0	Composite	148
9	6	Mission Bay	White Surfperch	10	FIL	Skin off	MERCURY	0.04	ug/g ww			Average of Individuals	236
9	6	Mission Bay	White Surfperch	10	WNHTG	on, Scale	CHLORDANE	2.93	ng/g ww	1.79	164	Composite	236
9	6	Mission Bay	White Surfperch	10	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	1.79	0	Composite	236
9	6	Mission Bay	White Surfperch	10	WNHTG	on, Scale	PCB	13.46	ng/g ww	1.79	752	Composite	236
9	6	Mission Bay	White Surfperch	10	WNHTG	on, Scale	SELENIUM	0.44	ug/g ww	1.79	25	Composite	236
9	6	Mission Bay	White Surfperch	10	WNHTG	on, Scale	DDT	7.26	ng/g ww	1.79	406	Composite	236
9	6	Mission Bay	White Surfperch	10	WNHTG	on, Scale	MERCURY	0.05	ug/g ww	1.79	3	Composite	236
9	6	Mission Bay	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.08	ug/g ww	0.82	10	Composite	260
9	6	Mission Bay	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.55	ug/g ww	0.82	67	Composite	260
9	6	Mission Bay	Yellowfin Croaker	5	FIL	Skin off	CHLORDANE	1.37	ng/g ww	0.82	168	Composite	260
9	6	Mission Bay	Yellowfin Croaker	5	FIL	Skin off	PCB	8.26	ng/g ww	0.82	1012	Composite	260
9	6	Mission Bay	Yellowfin Croaker	5	FIL	Skin off	DIELDRIN	0.48	ng/g ww	0.82	59	Composite	260
9	6	Mission Bay	Yellowfin Croaker	5	FIL	Skin off	DDT	3.37	ng/g ww	0.82	413	Composite	260
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Composite	241
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.42	ug/g ww			Composite	241
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.45	ug/g ww			Composite	240
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Composite	240
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	DDT	10.36	ng/g ww	1.20	863	Composite	242
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.20	0	Composite	242
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww	1.20	4	Composite	242
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.23	ng/g ww	1.20	19	Composite	242
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	PCB	5.71	ng/g ww	1.20	476	Composite	242
9	5	Pt Loma to La Jolla	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.39	ug/g ww	1.20	33	Composite	242
9	5	Pt Loma to La Jolla	Gopher Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.40	0	Composite	201
9	5	Pt Loma to La Jolla	Gopher Rockfish	5	FIL	Skin off	MERCURY	0.14	ug/g ww	0.40	35	Composite	201
9	5	Pt Loma to La Jolla	Gopher Rockfish	5	FIL	Skin off	SELENIUM	0.27	ug/g ww	0.40	68	Composite	201
9	5	Pt Loma to La Jolla	Gopher Rockfish	5	FIL	Skin off	DDT	1.77	ng/g ww	0.40	443	Composite	201
9	5	Pt Loma to La Jolla	Gopher Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.40	0	Composite	201
9	5	Pt Loma to La Jolla	Gopher Rockfish	5	FIL	Skin off	PCB	0.62	ng/g ww	0.40	154	Composite	201
9	5	Pt Loma to La Jolla	Kelp Bass	10	FIL	Skin off	MERCURY	0.16	ug/g ww			Average of Individuals	323
9	5	Pt Loma to La Jolla	Kelp Bass	5	FIL	Skin off	MERCURY	0.25	ug/g ww			Composite	303
9	5	Pt Loma to La Jolla	Kelp Bass	5	FIL	Skin off	SELENIUM	0.28	ug/g ww			Composite	304
9	5	Pt Loma to La Jolla	Kelp Bass	5	FIL	Skin off	SELENIUM	0.28	ug/g ww			Composite	303
9	5	Pt Loma to La Jolla	Kelp Bass	5	FIL	Skin off	MERCURY	0.18	ug/g ww			Composite	304
9	5	Pt Loma to La Jolla	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.42	0	Composite	304
9	5	Pt Loma to La Jolla	Kelp Bass	5	FIL	Skin off	SELENIUM	0.24	ug/g ww	0.42	57	Composite	304
9	5	Pt Loma to La Jolla	Kelp Bass	5	FIL	Skin off	PCB	3.18	ng/g ww	0.42	750	Composite	304
9	5	Pt Loma to La Jolla	Kelp Bass	5	FIL	Skin off	DDT	3.16	ng/g ww	0.42	745	Composite	304
9	5	Pt Loma to La Jolla	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.42	0	Composite	304
9	5	Pt Loma to La Jolla	Yellowtail Rockfish	3	FIL	Skin off	SELENIUM	0.29	ug/g ww	0.28	104	Composite	310
9	5	Pt Loma to La Jolla	Yellowtail Rockfish	3	FIL	Skin off	DDT	0.83	ng/g ww	0.28	299	Composite	310
9	5	Pt Loma to La Jolla	Yellowtail Rockfish	3	FIL	Skin off	PCB	0.53	ng/g ww	0.28	190	Composite	310
9	5	Pt Loma to La Jolla	Yellowtail Rockfish	3	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.28	0	Composite	310
9	5	Pt Loma to La Jolla	Yellowtail Rockfish	3	FIL	Skin off	MERCURY	0.13	ug/g ww	0.28	48	Composite	310
9	5	Pt Loma to La Jolla	Yellowtail Rockfish	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.28	0	Composite	310
9	4	Pt Loma	Barred Sand Bass	4	FIL	Skin off	MERCURY	0.25	ug/g ww			Average of Individuals	360
9	4	Pt Loma	Barred Sand Bass	4	FIL	Skin off	CHLORDANE	0.28	ng/g ww	0.45	63	Composite	360

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
9	4	Pt Loma	Barred Sand Bass	4	FIL	Skin off	SELENIUM	0.37	ug/g ww	0.45	83	Composite	360
9	4	Pt Loma	Barred Sand Bass	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.45	0	Composite	360
9	4	Pt Loma	Barred Sand Bass	4	FIL	Skin off	PCB	23.82	ng/g ww	0.45	5329	Composite	360
9	4	Pt Loma	Barred Sand Bass	4	FIL	Skin off	DDT	6.37	ng/g ww	0.45	1425	Composite	360
9	4	Pt Loma	Black Perch	10	FIL	Skin off	MERCURY	0.11	ug/g ww			Average of Individuals	252
9	4	Pt Loma	Black Perch	10	WNHTG	on, Scale	SELENIUM	0.27	ug/g ww	0.82	33	Composite	252
9	4	Pt Loma	Black Perch	10	WNHTG	on, Scale	DDT	8.37	ng/g ww	0.82	1020	Composite	252
9	4	Pt Loma	Black Perch	10	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	0.82	0	Composite	252
9	4	Pt Loma	Black Perch	10	WNHTG	on, Scale	PCB	34.28	ng/g ww	0.82	4180	Composite	252
9	4	Pt Loma	Black Perch	10	WNHTG	on, Scale	MERCURY	0.07	ug/g ww	0.82	9	Composite	252
9	4	Pt Loma	Black Perch	10	WNHTG	on, Scale	CHLORDANE	0.41	ng/g ww	0.82	50	Composite	252
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	MERCURY	0.06	ug/g ww			Composite	257
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	MERCURY	0.06	ug/g ww			Composite	257
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.66	ug/g ww			Composite	257
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.45	ug/g ww			Composite	257
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.92	0	Composite	259
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	PCB	18.48	ng/g ww	0.92	2000	Composite	259
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.33	ng/g ww	0.92	35	Composite	259
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	MERCURY	0.06	ug/g ww	0.92	6	Composite	259
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	DDT	26.14	ng/g ww	0.92	2829	Composite	259
9	4	Pt Loma	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.40	ug/g ww	0.92	43	Composite	259
9	4	Pt Loma	Gopher Rockfish	5	FIL	Skin off	SELENIUM	0.26	ug/g ww	0.43	60	Composite	238
9	4	Pt Loma	Gopher Rockfish	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.43	0	Composite	238
9	4	Pt Loma	Gopher Rockfish	5	FIL	Skin off	PCB	3.82	ng/g ww	0.43	885	Composite	238
9	4	Pt Loma	Gopher Rockfish	5	FIL	Skin off	DDT	2.68	ng/g ww	0.43	620	Composite	238
9	4	Pt Loma	Gopher Rockfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.43	0	Composite	238
9	4	Pt Loma	Gopher Rockfish	5	FIL	Skin off	MERCURY	0.20	ug/g ww	0.43	47	Composite	238
9	4	Pt Loma	Kelp Bass	10	FIL	Skin off	MERCURY	0.21	ug/g ww			Average of Individuals	353
9	4	Pt Loma	Kelp Bass	5	FIL	Skin off	SELENIUM	0.33	ug/g ww			Composite	340
9	4	Pt Loma	Kelp Bass	5	FIL	Skin off	SELENIUM	0.36	ug/g ww			Composite	339
9	4	Pt Loma	Kelp Bass	5	FIL	Skin off	MERCURY	0.15	ug/g ww			Composite	340
9	4	Pt Loma	Kelp Bass	5	FIL	Skin off	MERCURY	0.17	ug/g ww			Composite	339
9	4	Pt Loma	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.26	ng/g ww	0.54	48	Composite	339
9	4	Pt Loma	Kelp Bass	5	FIL	Skin off	SELENIUM	0.29	ug/g ww	0.54	54	Composite	339
9	4	Pt Loma	Kelp Bass	5	FIL	Skin off	PCB	24.52	ng/g ww	0.54	4532	Composite	339
9	4	Pt Loma	Kelp Bass	5	FIL	Skin off	DDT	4.33	ng/g ww	0.54	800	Composite	339
9	4	Pt Loma	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.54	0	Composite	339
9	4	Pt Loma	White Croaker	5	FIL	Skin off	MERCURY	0.18	ug/g ww			Composite	232
9	4	Pt Loma	White Croaker	5	FIL	Skin off	SELENIUM	0.36	ug/g ww			Composite	232
9	4	Pt Loma	White Croaker	5	FIL	Skin off	SELENIUM	0.36	ug/g ww			Composite	231
9	4	Pt Loma	White Croaker	5	FIL	Skin off	MERCURY	0.14	ug/g ww			Composite	231
9	4	Pt Loma	White Croaker	5	FIL	Skin off	SELENIUM	0.32	ug/g ww	1.44	22	Composite	232
9	4	Pt Loma	White Croaker	5	FIL	Skin off	DDT	13.06	ng/g ww	1.44	907	Composite	232
9	4	Pt Loma	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.44	0	Composite	232
9	4	Pt Loma	White Croaker	5	FIL	Skin off	MERCURY	0.19	ug/g ww	1.44	13	Composite	232
9	4	Pt Loma	White Croaker	5	FIL	Skin off	PCB	25.22	ng/g ww	1.44	1751	Composite	232
9	4	Pt Loma	White Croaker	5	FIL	Skin off	CHLORDANE	0.25	ng/g ww	1.44	18	Composite	232
9	3	SD North Bay	Barred Sand Bass	10	FIL	Skin off	MERCURY	0.12	ug/g ww			Average of Individuals	369
9	3	SD North Bay	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.78	ug/g ww			Composite	379
9	3	SD North Bay	Barred Sand Bass	5	FIL	Skin off	MERCURY	0.13	ug/g ww			Composite	379
9	3	SD North Bay	Barred Sand Bass	5	FIL	Skin off	MERCURY	0.12	ug/g ww			Composite	379

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
9	3	SD North Bay	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.36	ug/g ww			Composite	379
9	3	SD North Bay	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.45	ug/g ww	0.45	100	Composite	379
9	3	SD North Bay	Barred Sand Bass	5	FIL	Skin off	PCB	33.84	ng/g ww	0.45	7487	Composite	379
9	3	SD North Bay	Barred Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.45	0	Composite	379
9	3	SD North Bay	Barred Sand Bass	5	FIL	Skin off	DDT	5.31	ng/g ww	0.45	1174	Composite	379
9	3	SD North Bay	Barred Sand Bass	5	FIL	Skin off	CHLORDANE	0.35	ng/g ww	0.45	77	Composite	379
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww			Composite	218
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.39	ug/g ww			Composite	218
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.04	ug/g ww			Composite	218
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.45	ug/g ww			Composite	218
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.10	0	Composite	218
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	DDT	19.98	ng/g ww	1.10	1816	Composite	218
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.37	ng/g ww	1.10	34	Composite	218
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	PCB	25.11	ng/g ww	1.10	2283	Composite	218
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.05	ug/g ww	1.10	4	Composite	218
9	3	SD North Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.58	ug/g ww	1.10	53	Composite	218
9	3	SD North Bay	ray Smoothhound Sha	3	FIL	Skin off	MERCURY	0.24	ug/g ww	0.37	65	Composite	632
9	3	SD North Bay	ray Smoothhound Sha	3	FIL	Skin off	CHLORDANE	0.00	ng/g ww	0.37	0	Composite	632
9	3	SD North Bay	ray Smoothhound Sha	3	FIL	Skin off	DDT	1.72	ng/g ww	0.37	462	Composite	632
9	3	SD North Bay	ray Smoothhound Sha	3	FIL	Skin off	SELENIUM	0.39	ug/g ww	0.37	105	Composite	632
9	3	SD North Bay	ray Smoothhound Sha	3	FIL	Skin off	PCB	11.46	ng/g ww	0.37	3081	Composite	632
9	3	SD North Bay	ray Smoothhound Sha	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.37	0	Composite	632
9	3	SD North Bay	Shiner Surfperch	10	FIL	Skin off	MERCURY	0.04	ug/g ww			Average of Individuals	115
9	3	SD North Bay	Shiner Surfperch	31	WNHTG	on, Scale	SELENIUM	0.26	ug/g ww	0.80	33	Composite	114
9	3	SD North Bay	Shiner Surfperch	31	WNHTG	on, Scale	PCB	67.79	ng/g ww	0.80	8516	Composite	114
9	3	SD North Bay	Shiner Surfperch	31	WNHTG	on, Scale	MERCURY	0.03	ug/g ww	0.80	4	Composite	114
9	3	SD North Bay	Shiner Surfperch	31	WNHTG	on, Scale	DDT	10.93	ng/g ww	0.80	1372	Composite	114
9	3	SD North Bay	Shiner Surfperch	31	WNHTG	on, Scale	CHLORDANE	2.46	ng/g ww	0.80	309	Composite	114
9	3	SD North Bay	Shiner Surfperch	31	WNHTG	on, Scale	DIELDRIN	0.00	ng/g ww	0.80	0	Composite	114
9	3	SD North Bay	Spotted Sand Bass	10	FIL	Skin off	MERCURY	0.20	ug/g ww			Average of Individuals	324
9	3	SD North Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.42	ug/g ww			Composite	323
9	3	SD North Bay	Spotted Sand Bass	5	FIL	Skin off	MERCURY	0.18	ug/g ww			Composite	323
9	3	SD North Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.71	ug/g ww			Composite	323
9	3	SD North Bay	Spotted Sand Bass	5	FIL	Skin off	MERCURY	0.18	ug/g ww			Composite	323
9	3	SD North Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.47	ug/g ww	0.49	97	Composite	324
9	3	SD North Bay	Spotted Sand Bass	5	FIL	Skin off	DDT	3.38	ng/g ww	0.49	695	Composite	324
9	3	SD North Bay	Spotted Sand Bass	5	FIL	Skin off	PCB	51.36	ng/g ww	0.49	10546	Composite	324
9	3	SD North Bay	Spotted Sand Bass	5	FIL	Skin off	CHLORDANE	0.41	ng/g ww	0.49	84	Composite	324
9	3	SD North Bay	Spotted Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.49	0	Composite	324
9	2	SD South Bay	Chub Mackerel	5	FIL	Skin off	MERCURY	0.06	ug/g ww	0.85	7	Composite	247
9	2	SD South Bay	Chub Mackerel	5	FIL	Skin off	PCB	101.29	ng/g ww	0.85	11916	Composite	247
9	2	SD South Bay	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.61	ug/g ww	0.85	72	Composite	247
9	2	SD South Bay	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.85	0	Composite	247
9	2	SD South Bay	Chub Mackerel	5	FIL	Skin off	DDT	10.94	ng/g ww	0.85	1288	Composite	247
9	2	SD South Bay	Chub Mackerel	5	FIL	Skin off	CHLORDANE	2.10	ng/g ww	0.85	247	Composite	247
9	2	SD South Bay	ray Smoothhound Sha	3	FIL	Skin off	PCB	41.23	ng/g ww	0.35	11812	Composite	641
9	2	SD South Bay	ray Smoothhound Sha	3	FIL	Skin off	SELENIUM	0.34	ug/g ww	0.35	97	Composite	641
9	2	SD South Bay	ray Smoothhound Sha	3	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.35	0	Composite	641
9	2	SD South Bay	ray Smoothhound Sha	3	FIL	Skin off	MERCURY	0.33	ug/g ww	0.35	95	Composite	641
9	2	SD South Bay	ray Smoothhound Sha	3	FIL	Skin off	DDT	3.63	ng/g ww	0.35	1040	Composite	641
9	2	SD South Bay	ray Smoothhound Sha	3	FIL	Skin off	CHLORDANE	0.54	ng/g ww	0.35	154	Composite	641

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
9	2	SD South Bay	Shiner Surfperch	10	FIL	Skin off	MERCURY	0.08	ug/g ww			Average of Individuals	121
9	2	SD South Bay	Shiner Surfperch	22	WNHTG	on, Scale	DIELDRIN	0.55	ng/g ww	1.71	32	Composite	121
9	2	SD South Bay	Shiner Surfperch	22	WNHTG	on, Scale	DDT	11.97	ng/g ww	1.71	700	Composite	121
9	2	SD South Bay	Shiner Surfperch	22	WNHTG	on, Scale	PCB	189.57	ng/g ww	1.71	11086	Composite	121
9	2	SD South Bay	Shiner Surfperch	22	WNHTG	on, Scale	MERCURY	0.06	ug/g ww	1.71	3	Composite	121
9	2	SD South Bay	Shiner Surfperch	22	WNHTG	on, Scale	SELENIUM	0.33	ug/g ww	1.71	19	Composite	121
9	2	SD South Bay	Shiner Surfperch	22	WNHTG	on, Scale	CHLORDANE	3.72	ng/g ww	1.71	218	Composite	121
9	2	SD South Bay	Spotted Sand Bass	5	FIL	Skin off	MERCURY	0.22	ug/g ww			Composite	322
9	2	SD South Bay	Spotted Sand Bass	10	FIL	Skin off	MERCURY	0.21	ug/g ww			Average of Individuals	307
9	2	SD South Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.64	ug/g ww			Composite	322
9	2	SD South Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.46	ug/g ww			Composite	322
9	2	SD South Bay	Spotted Sand Bass	5	FIL	Skin off	MERCURY	0.17	ug/g ww			Composite	322
9	2	SD South Bay	Spotted Sand Bass	5	FIL	Skin off	SELENIUM	0.81	ug/g ww	0.40	203	Composite	322
9	2	SD South Bay	Spotted Sand Bass	5	FIL	Skin off	PCB	50.15	ng/g ww	0.40	12570	Composite	322
9	2	SD South Bay	Spotted Sand Bass	5	FIL	Skin off	CHLORDANE	0.29	ng/g ww	0.40	72	Composite	322
9	2	SD South Bay	Spotted Sand Bass	5	FIL	Skin off	DDT	1.26	ng/g ww	0.40	316	Composite	322
9	2	SD South Bay	Spotted Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.40	0	Composite	322
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.28	ug/g ww			Composite	321
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.17	ug/g ww			Composite	321
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.38	ug/g ww			Composite	321
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.19	ug/g ww			Composite	321
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	SELENIUM	0.25	ug/g ww	0.65	38	Composite	321
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	MERCURY	0.38	ug/g ww	0.65	58	Composite	321
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.65	0	Composite	321
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	DDT	5.62	ng/g ww	0.65	865	Composite	321
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	CHLORDANE	1.60	ng/g ww	0.65	246	Composite	321
9	2	SD South Bay	Yellowfin Croaker	5	FIL	Skin off	PCB	84.27	ng/g ww	0.65	12965	Composite	321
9	1	TJ to North Island	Barred Sand Bass	10	FIL	Skin off	MERCURY	0.21	ug/g ww			Average of Individuals	368
9	1	TJ to North Island	Barred Sand Bass	5	FIL	Skin off	SELENIUM	0.35	ug/g ww	1.12	31	Composite	361
9	1	TJ to North Island	Barred Sand Bass	5	FIL	Skin off	DDT	0.48	ng/g ww	1.12	42	Composite	361
9	1	TJ to North Island	Barred Sand Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.12	0	Composite	361
9	1	TJ to North Island	Barred Sand Bass	5	FIL	Skin off	CHLORDANE	0.92	ng/g ww	1.12	82	Composite	361
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.43	ug/g ww			Composite	309
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	MERCURY	0.08	ug/g ww			Composite	309
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.31	ug/g ww			Composite	309
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	MERCURY	0.11	ug/g ww			Composite	309
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	PCB	23.64	ng/g ww	0.91	2601	Composite	309
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	DDT	34.74	ng/g ww	0.91	3822	Composite	309
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	MERCURY	0.18	ug/g ww	0.91	20	Composite	309
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	SELENIUM	0.33	ug/g ww	0.91	36	Composite	309
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	CHLORDANE	0.52	ng/g ww	0.91	57	Composite	309
9	1	TJ to North Island	Chub Mackerel	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	0.91	0	Composite	309
9	1	TJ to North Island	Kelp Bass	10	FIL	Skin off	MERCURY	0.15	ug/g ww			Average of Individuals	346
9	1	TJ to North Island	Kelp Bass	5	FIL	Skin off	SELENIUM	1.89	ug/g ww			Composite	342
9	1	TJ to North Island	Kelp Bass	5	FIL	Skin off	MERCURY	0.10	ug/g ww			Composite	342
9	1	TJ to North Island	Kelp Bass	5	FIL	Skin off	MERCURY	0.11	ug/g ww			Composite	343
9	1	TJ to North Island	Kelp Bass	5	FIL	Skin off	SELENIUM	1.85	ug/g ww			Composite	343
9	1	TJ to North Island	Kelp Bass	5	FIL	Skin off	DDT	10.55	ng/g ww	1.76	599	Composite	343
9	1	TJ to North Island	Kelp Bass	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.76	0	Composite	343
9	1	TJ to North Island	Kelp Bass	5	FIL	Skin off	PCB	56.66	ng/g ww	1.76	3219	Composite	343
9	1	TJ to North Island	Kelp Bass	5	FIL	Skin off	SELENIUM	0.31	ug/g ww	1.76	18	Composite	343

APPENDIX 3: Results for composites or averages at each location

Regional Board	Zone	Station Name	Common Name	Number Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid %	Lipid Wt Concentration	Sample Type	Total Length Average (mm)
9	1	TJ to North Island	Kelp Bass	5	FIL	Skin off	CHLORDANE	0.93	ng/g ww	1.76	53	Composite	343
9	1	TJ to North Island	Spotted Scorpionfish	5	FIL	Skin off	PCB	6.53	ng/g ww	1.00	653	Composite	302
9	1	TJ to North Island	Spotted Scorpionfish	5	FIL	Skin off	MERCURY	0.22	ug/g ww	1.00	22	Composite	302
9	1	TJ to North Island	Spotted Scorpionfish	5	FIL	Skin off	SELENIUM	0.27	ug/g ww	1.00	27	Composite	302
9	1	TJ to North Island	Spotted Scorpionfish	5	FIL	Skin off	DDT	12.49	ng/g ww	1.00	1249	Composite	302
9	1	TJ to North Island	Spotted Scorpionfish	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.00	0	Composite	302
9	1	TJ to North Island	Spotted Scorpionfish	5	FIL	Skin off	CHLORDANE	0.28	ng/g ww	1.00	28	Composite	302
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	MERCURY	0.14	ug/g ww			Composite	228
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	SELENIUM	0.29	ug/g ww			Composite	227
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	MERCURY	0.15	ug/g ww			Composite	227
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	SELENIUM	0.33	ug/g ww			Composite	228
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	MERCURY	0.16	ug/g ww	1.05	15	Composite	228
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	SELENIUM	0.23	ug/g ww	1.05	22	Composite	228
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	PCB	23.40	ng/g ww	1.05	2229	Composite	228
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	DDT	22.73	ng/g ww	1.05	2165	Composite	228
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	1.05	0	Composite	228
9	1	TJ to North Island	White Croaker	5	FIL	Skin off	CHLORDANE	0.34	ng/g ww	1.05	32	Composite	228

APPENDIX 4

Year 1 results of the SWAMP Coast Survey: Results for
methylmercury in individual fish

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
2	206SNPBLO	San Pablo Bay (5)	Leopard shark	MERCURY	Skin off	FIL	0.88	ug/g ww	980
2	206SNPBLO	San Pablo Bay (5)	Leopard shark	MERCURY	Skin off	FIL	1.84	ug/g ww	1150
2	206SNPBLO	San Pablo Bay (5)	Leopard shark	MERCURY	Skin off	FIL	1.74	ug/g ww	1180
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	640
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.45	ug/g ww	570
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.45	ug/g ww	580
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.31	ug/g ww	660
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.54	ug/g ww	570
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.38	ug/g ww	590
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.35	ug/g ww	460
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.46	ug/g ww	640
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.40	ug/g ww	560
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.40	ug/g ww	680
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.91	ug/g ww	700
2	206SNPBLO	San Pablo Bay (5)	Striped Bass	MERCURY	Skin off	FIL	0.71	ug/g ww	680
2	206SNPBLO	San Pablo Bay (5)	White Sturgeon	SELENIUM	Skin off	FIL	1.16	ug/g ww	1250
2	206SNPBLO	San Pablo Bay (5)	White Sturgeon	SELENIUM	Skin off	FIL	2.32	ug/g ww	1560
2	206SNPBLO	San Pablo Bay (5)	White Sturgeon	SELENIUM	Skin off	FIL	0.97	ug/g ww	1490
2	206SNPBLO	San Pablo Bay (5)	White Sturgeon	SELENIUM	Skin off	FIL	1.55	ug/g ww	1460
2	206SNPBLO	San Pablo Bay (5)	White Sturgeon	SELENIUM	Skin off	FIL	4.11	ug/g ww	1260
2	206SNPBLO	San Pablo Bay (5)	White Sturgeon	SELENIUM	Skin off	FIL	1.59	ug/g ww	1460
2	204STHBAY	South Bay (1)	Leopard shark	MERCURY	Skin off	FIL	1.12	ug/g ww	930
2	204STHBAY	South Bay (1)	Leopard shark	MERCURY	Skin off	FIL	1.55	ug/g ww	1180
2	204STHBAY	South Bay (1)	Leopard shark	MERCURY	Skin off	FIL	0.78	ug/g ww	1005
2	204STHBAY	South Bay (1)	White Sturgeon	SELENIUM	Skin off	FIL	1.28	ug/g ww	1200
2	204STHBAY	South Bay (1)	White Sturgeon	SELENIUM	Skin off	FIL	0.76	ug/g ww	1170
2	204STHBAY	South Bay (1)	White Sturgeon	SELENIUM	Skin off	FIL	1.12	ug/g ww	1280
2	204STHBAY	South Bay (1)	White Sturgeon	SELENIUM	Skin off	FIL	0.69	ug/g ww	1300
2	204STHBAY	South Bay (1)	White Sturgeon	SELENIUM	Skin off	FIL	0.69	ug/g ww	1190
2	204STHBAY	South Bay (1)	White Sturgeon	SELENIUM	Skin off	FIL	1.43	ug/g ww	1240
2	203CENTRL	Central Bay (6)	Leopard shark	MERCURY	Skin off	FIL	1.38	ug/g ww	1230
2	203CENTRL	Central Bay (6)	Leopard shark	MERCURY	Skin off	FIL	0.86	ug/g ww	1060
2	203CENTRL	Central Bay (6)	Leopard shark	MERCURY	Skin off	FIL	1.46	ug/g ww	1140
2	203CENTRL	Central Bay (6)	Striped Bass	MERCURY	Skin off	FIL	0.41	ug/g ww	535
2	203CENTRL	Central Bay (6)	Striped Bass	MERCURY	Skin off	FIL	0.61	ug/g ww	610
2	203CENTRL	Central Bay (6)	Striped Bass	MERCURY	Skin off	FIL	0.32	ug/g ww	560
2	203CENTRL	Central Bay (6)	Striped Bass	MERCURY	Skin off	FIL	0.28	ug/g ww	480
2	203CENTRL	Central Bay (6)	Striped Bass	MERCURY	Skin off	FIL	0.46	ug/g ww	790
2	203CENTRL	Central Bay (6)	Striped Bass	MERCURY	Skin off	FIL	0.52	ug/g ww	650
2	53	Northern Marin Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.07	ug/g ww	299
2	53	Northern Marin Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.07	ug/g ww	243
2	53	Northern Marin Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	225
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	299
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.06	ug/g ww	276
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	284
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	276
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.03	ug/g ww	216
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.03	ug/g ww	208
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.03	ug/g ww	209
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	299
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	284
2	53	Northern Marin Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	264
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	78
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	70
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	70
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	60
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.10	ug/g ww	106
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	54
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	74
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	75
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.12	ug/g ww	111
2	52	Tomales Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	68
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	197
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	105
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	111
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	105
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	103

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	122
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	105
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	121
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	108
2	52	Tomales Bay	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	119
2	51	Southern Marin Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.10	ug/g ww	164
2	51	Southern Marin Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.14	ug/g ww	243
2	51	Southern Marin Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.15	ug/g ww	225
2	51	Southern Marin Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.21	ug/g ww	221
2	51	Southern Marin Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.15	ug/g ww	210
2	51	Southern Marin Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.17	ug/g ww	214
2	51	Southern Marin Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.15	ug/g ww	220
2	51	Southern Marin Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.08	ug/g ww	154
2	50	Farallon Islands	Blue Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	216
2	50	Farallon Islands	Blue Rockfish	MERCURY	Skin off	FIL	0.03	ug/g ww	216
2	50	Farallon Islands	Blue Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	220
2	50	Farallon Islands	Blue Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	281
2	50	Farallon Islands	Blue Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	270
2	50	Farallon Islands	Blue Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	275
2	50	Farallon Islands	Olive Rockfish	MERCURY	Skin off	FIL	0.11	ug/g ww	342
2	50	Farallon Islands	Olive Rockfish	MERCURY	Skin off	FIL	0.12	ug/g ww	381
2	50	Farallon Islands	Olive Rockfish	MERCURY	Skin off	FIL	0.12	ug/g ww	352
2	50	Farallon Islands	Olive Rockfish	MERCURY	Skin off	FIL	0.17	ug/g ww	380
2	50	Farallon Islands	Olive Rockfish	MERCURY	Skin off	FIL	0.14	ug/g ww	405
2	50	Farallon Islands	Olive Rockfish	MERCURY	Skin off	FIL	0.21	ug/g ww	395
2	49	San Francisco Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.14	ug/g ww	210
2	49	San Francisco Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.11	ug/g ww	212
2	49	San Francisco Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.20	ug/g ww	210
2	49	San Francisco Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.13	ug/g ww	209
2	49	San Francisco Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.11	ug/g ww	152
2	48	Pacifica Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.09	ug/g ww	346
2	48	Pacifica Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.08	ug/g ww	360
2	48	Pacifica Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.09	ug/g ww	395
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.17	ug/g ww	248
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.27	ug/g ww	363
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.24	ug/g ww	290
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.16	ug/g ww	243
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.26	ug/g ww	300
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.14	ug/g ww	255
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.14	ug/g ww	250
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.17	ug/g ww	181
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.13	ug/g ww	190
2	47	Half Moon Bay Coast	Barred Surfperch	MERCURY	Skin off	FIL	0.30	ug/g ww	274
2	47	Half Moon Bay Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	305
2	47	Half Moon Bay Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.06	ug/g ww	343
2	47	Half Moon Bay Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.20	ug/g ww	370
2	47	Half Moon Bay Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	251
2	47	Half Moon Bay Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	280
2	47	Half Moon Bay Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	270
2	46	Pillar Point Harbor	Black Perch	MERCURY	Skin off	FIL	0.03	ug/g ww	171
2	46	Pillar Point Harbor	Black Perch	MERCURY	Skin off	FIL	0.04	ug/g ww	169
2	46	Pillar Point Harbor	Black Perch	MERCURY	Skin off	FIL	0.05	ug/g ww	194
2	46	Pillar Point Harbor	Black Perch	MERCURY	Skin off	FIL	0.05	ug/g ww	201
2	46	Pillar Point Harbor	Black Perch	MERCURY	Skin off	FIL	0.05	ug/g ww	229
2	46	Pillar Point Harbor	Black Perch	MERCURY	Skin off	FIL	0.14	ug/g ww	294
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.08	ug/g ww	120
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.08	ug/g ww	121
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.11	ug/g ww	125
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	133
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	110
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	119
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	87
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	108
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	116
2	46	Pillar Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	112
2	46	Pillar Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	195
2	46	Pillar Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	202

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
2	46	Pillar Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.12	ug/g ww	235
2	46	Pillar Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.09	ug/g ww	240
2	46	Pillar Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	190
2	46	Pillar Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.10	ug/g ww	214
2	46	Pillar Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	201
2	45	San Mateo Coast	Black Rockfish	MERCURY	Skin off	FIL	0.08	ug/g ww	368
2	45	San Mateo Coast	Black Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	325
2	45	San Mateo Coast	Black Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	341
2	45	San Mateo Coast	Black Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	302
2	45	San Mateo Coast	Black Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	310
2	45	San Mateo Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	260
2	45	San Mateo Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	267
2	45	San Mateo Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	257
2	45	San Mateo Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.04	ug/g ww	215
2	45	San Mateo Coast	Blue Rockfish	MERCURY	Skin off	FIL	0.06	ug/g ww	250
2	45	San Mateo Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.10	ug/g ww	322
2	45	San Mateo Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.40	ug/g ww	405
2	45	San Mateo Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.09	ug/g ww	319
2	45	San Mateo Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.11	ug/g ww	310
2	45	San Mateo Coast	Olive Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	315
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.24	ug/g ww	365
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	342
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	345
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.45	ug/g ww	380
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	386
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.55	ug/g ww	454
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.49	ug/g ww	468
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	306
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	310
3	27	Goleta to Pt Conception	Barred Sand Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	342
3	27	Goleta to Pt Conception	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	270
3	27	Goleta to Pt Conception	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	327
3	27	Goleta to Pt Conception	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	302
3	27	Goleta to Pt Conception	Kelp Bass	MERCURY	Skin off	FIL	0.06	ug/g ww	281
3	26	Barbara Channel Oil Pla	Kelp Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	323
3	26	Barbara Channel Oil Pla	Kelp Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	322
3	26	Barbara Channel Oil Pla	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	376
3	26	Barbara Channel Oil Pla	Kelp Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	403
3	26	Barbara Channel Oil Pla	Kelp Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	376
3	26	Barbara Channel Oil Pla	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	305
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	220
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	230
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.09	ug/g ww	284
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	235
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	185
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	233
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	260
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.08	ug/g ww	264
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.08	ug/g ww	236
3	26	Barbara Channel Oil Pla	White Surfperch	MERCURY	Skin off	FIL	0.14	ug/g ww	247
3	25	Rincon to Goleta	Black Perch	MERCURY	Skin off	FIL	0.12	ug/g ww	310
3	25	Rincon to Goleta	Black Perch	MERCURY	Skin off	FIL	0.06	ug/g ww	246
3	25	Rincon to Goleta	Black Perch	MERCURY	Skin off	FIL	0.08	ug/g ww	268
3	25	Rincon to Goleta	Black Perch	MERCURY	Skin off	FIL	0.09	ug/g ww	263
3	25	Rincon to Goleta	Black Perch	MERCURY	Skin off	FIL	0.06	ug/g ww	255
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	320
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	344
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	274
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	325
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	324
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	335
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.33	ug/g ww	310
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	330
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	364
3	25	Rincon to Goleta	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	292
3	25	Rincon to Goleta	Olive Rockfish	MERCURY	Skin off	FIL	0.12	ug/g ww	323
3	25	Rincon to Goleta	Olive Rockfish	MERCURY	Skin off	FIL	0.05	ug/g ww	275

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
3	25	Rincon to Goleta	Olive Rockfish	MERCURY	Skin off	FIL	0.08	ug/g ww	284
3	23	Northern Channel Islands	Black Perch	MERCURY	Skin off	FIL	0.14	ug/g ww	316
3	23	Northern Channel Islands	Black Perch	MERCURY	Skin off	FIL	0.11	ug/g ww	295
3	23	Northern Channel Islands	Black Perch	MERCURY	Skin off	FIL	0.12	ug/g ww	280
3	23	Northern Channel Islands	Black Perch	MERCURY	Skin off	FIL	0.13	ug/g ww	294
3	23	Northern Channel Islands	Black Perch	MERCURY	Skin off	FIL	0.07	ug/g ww	290
3	23	Northern Channel Islands	Black Perch	MERCURY	Skin off	FIL	0.10	ug/g ww	294
3	23	Northern Channel Islands	Black Perch	MERCURY	Skin off	FIL	0.06	ug/g ww	254
3	23	Northern Channel Islands	Black Perch	MERCURY	Skin off	FIL	0.12	ug/g ww	287
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.56	ug/g ww	486
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	350
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	307
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.26	ug/g ww	339
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	357
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	315
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	346
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	290
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	305
3	23	Northern Channel Islands	Kelp Bass	MERCURY	Skin off	FIL	0.27	ug/g ww	337
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	192
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	130
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	186
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	145
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	214
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	193
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	192
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	185
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	133
4	24	Ventura to Rincon	Barred Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	136
4	22	Pt Dume to Oxnard	Black Perch	MERCURY	Skin off	FIL	0.05	ug/g ww	261
4	22	Pt Dume to Oxnard	Black Perch	MERCURY	Skin off	FIL	0.03	ug/g ww	236
4	22	Pt Dume to Oxnard	Black Perch	MERCURY	Skin off	FIL	0.05	ug/g ww	215
4	22	Pt Dume to Oxnard	Black Perch	MERCURY	Skin off	FIL	0.03	ug/g ww	206
4	22	Pt Dume to Oxnard	Black Perch	MERCURY	Skin off	FIL	0.04	ug/g ww	200
4	22	Pt Dume to Oxnard	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	195
4	22	Pt Dume to Oxnard	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	174
4	22	Pt Dume to Oxnard	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	179
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.24	ug/g ww	386
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	338
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.15	ug/g ww	314
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	316
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	310
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	308
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	344
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.47	ug/g ww	307
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	312
4	22	Pt Dume to Oxnard	Kelp Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	366
4	21	North Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.27	ug/g ww	355
4	21	North Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	314
4	21	North Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	340
4	21	North Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	342
4	21	North Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	327
4	21	North Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.19	ug/g ww	341
4	21	North Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	295
4	21	North Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	430
4	21	North Santa Monica Bay	Black Perch	MERCURY	Skin off	FIL	0.05	ug/g ww	217
4	21	North Santa Monica Bay	Black Perch	MERCURY	Skin off	FIL	0.05	ug/g ww	230
4	21	North Santa Monica Bay	Black Perch	MERCURY	Skin off	FIL	0.08	ug/g ww	255
4	21	North Santa Monica Bay	Black Perch	MERCURY	Skin off	FIL	0.06	ug/g ww	256
4	21	North Santa Monica Bay	Black Perch	MERCURY	Skin off	FIL	0.07	ug/g ww	238
4	21	North Santa Monica Bay	Black Perch	MERCURY	Skin off	FIL	0.07	ug/g ww	247
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	325
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	310
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.36	ug/g ww	449
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	446
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	339
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	372

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	353
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.06	ug/g ww	265
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	271
4	21	North Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.06	ug/g ww	268
4	20	Middle Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	353
4	20	Middle Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.26	ug/g ww	307
4	20	Middle Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.54	ug/g ww	559
4	20	Middle Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	401
4	20	Middle Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.32	ug/g ww	404
4	20	Middle Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.22	ug/g ww	381
4	20	Middle Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	361
4	20	Middle Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.24	ug/g ww	342
4	20	Middle Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	198
4	20	Middle Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.10	ug/g ww	187
4	20	Middle Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	122
4	20	Middle Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	179
4	20	Middle Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	186
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	322
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.15	ug/g ww	240
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.30	ug/g ww	504
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.15	ug/g ww	266
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	292
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.26	ug/g ww	252
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	249
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.29	ug/g ww	369
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	276
4	20	Middle Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	224
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	326
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	284
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	345
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	350
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	339
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.38	ug/g ww	364
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	334
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	417
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	307
4	19	South Santa Monica Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	389
4	19	South Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.09	ug/g ww	176
4	19	South Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.11	ug/g ww	181
4	19	South Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.09	ug/g ww	186
4	19	South Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.10	ug/g ww	180
4	19	South Santa Monica Bay	Barred Surfperch	MERCURY	Skin off	FIL	0.12	ug/g ww	196
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	366
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	307
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	330
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.26	ug/g ww	327
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	339
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	311
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	231
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.05	ug/g ww	204
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	343
4	19	South Santa Monica Bay	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	362
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.04	ug/g ww	218
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.04	ug/g ww	228
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.05	ug/g ww	219
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.04	ug/g ww	231
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.06	ug/g ww	251
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.07	ug/g ww	245
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.09	ug/g ww	258
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.06	ug/g ww	266
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.09	ug/g ww	283
4	18	Palos Verdes	Black Perch	MERCURY	Skin off	FIL	0.08	ug/g ww	296
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	305
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	396
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	363
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	275
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	282

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	291
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	325
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.26	ug/g ww	388
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	310
4	18	Palos Verdes	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	375
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.12	ug/g ww	221
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.14	ug/g ww	230
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.08	ug/g ww	213
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.08	ug/g ww	211
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.16	ug/g ww	240
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.07	ug/g ww	227
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.14	ug/g ww	237
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.14	ug/g ww	254
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.11	ug/g ww	217
4	17	Catalina Island	Black Perch	MERCURY	Skin off	FIL	0.12	ug/g ww	219
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	364
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	242
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	307
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.28	ug/g ww	435
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	410
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.46	ug/g ww	475
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.15	ug/g ww	295
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	317
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	338
4	17	Catalina Island	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	303
4	16	San Pedro Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	264
4	16	San Pedro Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	305
4	16	San Pedro Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	325
4	16	San Pedro Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	310
4	16	San Pedro Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	296
4	16	San Pedro Bay	Black Perch	MERCURY	Skin off	FIL	0.30	ug/g ww	290
4	16	San Pedro Bay	Black Perch	MERCURY	Skin off	FIL	0.16	ug/g ww	270
4	16	San Pedro Bay	Black Perch	MERCURY	Skin off	FIL	0.22	ug/g ww	250
4	16	San Pedro Bay	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	175
4	16	San Pedro Bay	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	160
4	16	San Pedro Bay	Black Perch	MERCURY	Skin off	FIL	0.03	ug/g ww	170
4	16	San Pedro Bay	Black Perch	MERCURY	Skin off	FIL	0.01	ug/g ww	176
4	16	San Pedro Bay	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	166
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	109
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	101
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	114
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	115
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	117
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	113
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	110
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	100
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	96
4	16	San Pedro Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	117
4	16	San Pedro Bay	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	186
4	16	San Pedro Bay	White Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	235
4	16	San Pedro Bay	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	210
4	16	San Pedro Bay	White Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	183
4	16	San Pedro Bay	White Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	164
4	16	San Pedro Bay	White Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	188
4	16	San Pedro Bay	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	168
4	16	San Pedro Bay	White Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	184
4	16	San Pedro Bay	White Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	169
4	15	Long Beach	Barred Sand Bass	MERCURY	Skin off	FIL	0.19	ug/g ww	347
4	15	Long Beach	Barred Sand Bass	MERCURY	Skin off	FIL	0.06	ug/g ww	420
4	15	Long Beach	Barred Sand Bass	MERCURY	Skin off	FIL	0.22	ug/g ww	305
4	15	Long Beach	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	116
4	15	Long Beach	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	120
4	15	Long Beach	Shiner Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	128
4	15	Long Beach	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	121
8	14	Orange County Oil Platform	Barred Sand Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	405
8	14	Orange County Oil Platform	Barred Sand Bass	MERCURY	Skin off	FIL	0.22	ug/g ww	385
8	14	Orange County Oil Platform	Barred Sand Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	396

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
8	14	range County Oil Platform	Barred Sand Bass	MERCURY	Skin off	FIL	0.19	ug/g ww	355
8	14	range County Oil Platform	Barred Sand Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	405
8	14	range County Oil Platform	Barred Sand Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	345
8	14	range County Oil Platform	Barred Sand Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	361
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	346
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.35	ug/g ww	365
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.19	ug/g ww	326
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	312
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	320
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	305
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	295
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.24	ug/g ww	406
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	349
8	14	range County Oil Platform	Kelp Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	385
8	13	nta Ana River to Seal Be	Barred Sand Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	273
8	13	nta Ana River to Seal Be	Barred Sand Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	291
8	13	nta Ana River to Seal Be	Barred Sand Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	336
8	13	nta Ana River to Seal Be	Barred Sand Bass	MERCURY	Skin off	FIL	0.26	ug/g ww	330
8	13	nta Ana River to Seal Be	Barred Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	186
8	13	nta Ana River to Seal Be	Barred Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	185
8	13	nta Ana River to Seal Be	Barred Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	192
8	13	nta Ana River to Seal Be	Barred Surfperch	MERCURY	Skin off	FIL	0.12	ug/g ww	191
8	13	nta Ana River to Seal Be	Barred Surfperch	MERCURY	Skin off	FIL	0.08	ug/g ww	196
8	13	nta Ana River to Seal Be	Barred Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	235
8	13	nta Ana River to Seal Be	Barred Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	231
8	13	nta Ana River to Seal Be	Barred Surfperch	MERCURY	Skin off	FIL	0.08	ug/g ww	245
8	13	nta Ana River to Seal Be	Kelp Bass	MERCURY	Skin off	FIL	0.19	ug/g ww	232
8	13	nta Ana River to Seal Be	Kelp Bass	MERCURY	Skin off	FIL	0.06	ug/g ww	269
8	13	nta Ana River to Seal Be	Kelp Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	272
8	13	nta Ana River to Seal Be	Kelp Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	277
8	13	nta Ana River to Seal Be	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	283
8	13	nta Ana River to Seal Be	Kelp Bass	MERCURY	Skin off	FIL	0.22	ug/g ww	290
8	13	nta Ana River to Seal Be	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	257
8	13	nta Ana River to Seal Be	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	255
8	13	nta Ana River to Seal Be	Kelp Bass	MERCURY	Skin off	FIL	0.04	ug/g ww	230
8	12	Newport Bay	Black Perch	MERCURY	Skin off	FIL	0.03	ug/g ww	177
8	12	Newport Bay	Black Perch	MERCURY	Skin off	FIL	0.04	ug/g ww	185
8	12	Newport Bay	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	181
8	12	Newport Bay	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	165
8	12	Newport Bay	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	166
8	12	Newport Bay	Black Perch	MERCURY	Skin off	FIL	0.01	ug/g ww	152
8	12	Newport Bay	Black Perch	MERCURY	Skin off	FIL	0.05	ug/g ww	228
8	12	Newport Bay	Black Perch	MERCURY	Skin off	FIL	0.02	ug/g ww	165
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	115
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	119
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	132
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	122
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	110
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	117
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	112
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	129
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	121
8	12	Newport Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	104
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	336
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	320
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	375
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	397
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	342
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	351
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	315
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	350
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	382
8	12	Newport Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	366
8	11	stal Cove to Santa Ana R	Barred Sand Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	360
8	11	stal Cove to Santa Ana R	Barred Sand Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	365
8	11	stal Cove to Santa Ana R	Barred Sand Bass	MERCURY	Skin off	FIL	0.15	ug/g ww	340
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	334

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	375
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	359
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	381
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	410
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	278
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	250
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	262
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	310
8	11	stal Cove to Santa Ana R	Kelp Bass	MERCURY	Skin off	FIL	0.19	ug/g ww	465
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	112
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	113
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	120
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	111
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	109
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	144
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	114
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	105
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	119
9	10	Dana Point Harbor	Shiner Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	112
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	220
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	181
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	165
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	179
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	167
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	222
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	220
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	220
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	205
9	10	Dana Point Harbor	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	163
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	328
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	430
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	335
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.26	ug/g ww	344
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	315
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	325
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	366
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.19	ug/g ww	321
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	305
9	9	an Onofre to Crystal Cov	Barred Sand Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	310
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	267
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	322
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	340
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	312
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	376
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	305
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.06	ug/g ww	270
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.06	ug/g ww	281
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	291
9	9	an Onofre to Crystal Cov	Kelp Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	360
9	8	Oceanside Harbor	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	189
9	8	Oceanside Harbor	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	212
9	8	Oceanside Harbor	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	205
9	8	Oceanside Harbor	White Surfperch	MERCURY	Skin off	FIL	0.09	ug/g ww	257
9	8	Oceanside Harbor	White Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	230
9	8	Oceanside Harbor	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	189
9	7	La Jolla to San Onofre	Barred Sand Bass	MERCURY	Skin off	FIL	0.66	ug/g ww	590
9	7	La Jolla to San Onofre	Barred Sand Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	277
9	7	La Jolla to San Onofre	Barred Sand Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	295
9	7	La Jolla to San Onofre	Barred Sand Bass	MERCURY	Skin off	FIL	0.15	ug/g ww	300
9	7	La Jolla to San Onofre	Barred Sand Bass	MERCURY	Skin off	FIL	0.32	ug/g ww	401
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	320
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.04	ug/g ww	234
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	295
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.05	ug/g ww	279
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	310
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.27	ug/g ww	369
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.21	ug/g ww	325

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	375
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	393
9	7	La Jolla to San Onofre	Kelp Bass	MERCURY	Skin off	FIL	0.05	ug/g ww	252
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	107
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	108
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	115
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	111
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	112
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	115
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	106
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	110
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	121
9	6	Mission Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	113
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	393
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	320
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	340
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.15	ug/g ww	385
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.27	ug/g ww	430
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.06	ug/g ww	295
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	355
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.06	ug/g ww	330
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	284
9	6	Mission Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	306
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	234
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	209
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	270
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	242
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.01	ug/g ww	181
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	257
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	226
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.10	ug/g ww	345
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	190
9	6	Mission Bay	White Surfperch	MERCURY	Skin off	FIL	0.02	ug/g ww	206
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.34	ug/g ww	227
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.22	ug/g ww	335
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.05	ug/g ww	512
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.03	ug/g ww	266
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.02	ug/g ww	185
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.24	ug/g ww	369
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	420
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.07	ug/g ww	315
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	314
9	5	Pt Loma to La Jolla	Kelp Bass	MERCURY	Skin off	FIL	0.30	ug/g ww	289
9	4	Pt Loma	Barred Sand Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	349
9	4	Pt Loma	Barred Sand Bass	MERCURY	Skin off	FIL	0.41	ug/g ww	387
9	4	Pt Loma	Barred Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	331
9	4	Pt Loma	Barred Sand Bass	MERCURY	Skin off	FIL	0.24	ug/g ww	372
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.12	ug/g ww	264
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.08	ug/g ww	238
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.11	ug/g ww	216
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.10	ug/g ww	273
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.12	ug/g ww	226
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.07	ug/g ww	245
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.22	ug/g ww	272
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.11	ug/g ww	257
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.08	ug/g ww	282
9	4	Pt Loma	Black Perch	MERCURY	Skin off	FIL	0.10	ug/g ww	250
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	329
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.26	ug/g ww	495
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.38	ug/g ww	417
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	302
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	294
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	316
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	403
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.27	ug/g ww	314
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	324
9	4	Pt Loma	Kelp Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	335

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	497
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	350
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.15	ug/g ww	336
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	401
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.10	ug/g ww	368
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	257
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	398
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	261
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	393
9	3	SD North Bay	Barred Sand Bass	MERCURY	Skin off	FIL	0.15	ug/g ww	432
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	114
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	128
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	115
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	109
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.04	ug/g ww	110
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	108
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.05	ug/g ww	117
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	116
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	110
9	3	SD North Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	120
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	371
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	265
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	360
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	290
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	322
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.27	ug/g ww	332
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.16	ug/g ww	345
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.14	ug/g ww	306
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.24	ug/g ww	340
9	3	SD North Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.26	ug/g ww	310
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	136
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.08	ug/g ww	119
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.07	ug/g ww	110
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.08	ug/g ww	130
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.09	ug/g ww	123
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.03	ug/g ww	110
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.06	ug/g ww	108
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.09	ug/g ww	119
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.10	ug/g ww	120
9	2	SD South Bay	Shiner Surfperch	MERCURY	Skin off	FIL	0.09	ug/g ww	132
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.09	ug/g ww	195
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	309
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	307
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	330
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	252
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.29	ug/g ww	336
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	326
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.22	ug/g ww	315
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.32	ug/g ww	362
9	2	SD South Bay	Spotted Sand Bass	MERCURY	Skin off	FIL	0.23	ug/g ww	342
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	330
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.32	ug/g ww	411
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.17	ug/g ww	367
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	381
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.38	ug/g ww	402
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.18	ug/g ww	337
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.01	ug/g ww	391
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	366
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.25	ug/g ww	346
9	1	TJ to North Island	Barred Sand Bass	MERCURY	Skin off	FIL	0.20	ug/g ww	352
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.11	ug/g ww	314
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	355
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.19	ug/g ww	366
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.08	ug/g ww	350
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.19	ug/g ww	308
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	340
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.43	ug/g ww	404

Regional Board	Location	Station Name	Common Name	Analyte	Prep Preservation Code	Tissue Code	Result	Unit	Total Length (mm)
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.04	ug/g ww	320
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.12	ug/g ww	393
9	1	TJ to North Island	Kelp Bass	MERCURY	Skin off	FIL	0.13	ug/g ww	310

APPENDIX 5

Year 1 results of the SWAMP Coast Survey: Results for
perfluorinated chemicals

APPENDIX 5: Results for perfluorinated chemicals

CompositeID	ProtocolCode	ProjectCode	Year	StationCode	Location	CommonName	NumberInComp	TissueCode	PreparationName	Preparation	AnalyteName	Result	UnitName	BasisCode	ResidualCode	LipidPct	Concentration	AvgTotalLength	UnitLength	UnitWeightFish	
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					89	mm
C1_203OAKLNDRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					85	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					1237	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc		Perfluorobutanesulfonate	0.00	ng/g	ww	ND	2.2	0			114	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					683	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					1323	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					1143	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc		Perfluorobutanesulfonate	0.00	ng/g	ww	ND	1.62	0			107	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc		Perfluorobutanesulfonate	0.00	ng/g	ww	ND	1.37	0			114	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND	0.68	0			260	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					657	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					667	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					1038	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					1103	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					693	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					89	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					667	mm
C1_203SANFRNRMP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					640	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND	0.42	0			276	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND	0.86	0			213	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off		Perfluorobutanesulfonate	0.00	ng/g	ww	ND					1223	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					1223	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc		Perfluorobutanoate	0.00	ng/g	ww	ND	1.37	0			114	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					683	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					1323	mm
C1_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc		Perfluorobutanoate	0.00	ng/g	ww	ND	1.62	0			107	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					657	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND	0.68	0			260	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					667	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					89	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc		Perfluorobutanoate	0.00	ng/g	ww	ND	2.2	0			114	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					1143	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					1038	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					667	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND	0.86	0			213	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND	0.42	0			276	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					89	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					1103	mm
C1_203SANFRNRMP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					640	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					693	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					1237	mm
C1_203OAKLNDRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off		Perfluorobutanoate	0.00	ng/g	ww	ND					85	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND	0.86	0			213	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					1103	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND	0.42	0			276	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					1038	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					683	mm
C1_203OAKLNDRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					85	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					667	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					1323	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					657	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc		Perfluorodecanoate	0.00	ng/g	ww	ND	1.62	0			107	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND	0.68	0			260	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					1237	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc		Perfluorodecanoate	0.00	ng/g	ww	ND	2.2	0			114	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					667	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					1223	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					89	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off		Perfluorodecanoate	0.00	ng/g	ww	ND					89	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc		Perfluorodecanoate	0.00	ng/g	ww	ND	1.37	0			114	mm
C1_203SANFRNRMP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off		Per										

APPENDIX 5: Results for perfluorinated chemicals

CompositeID	ProtocolCode	ProjectCode	Year	StationCode	Location	CommonName	Numbe rInCom p	TissueC ode	PrepPreser vationNam e	AnalyteName	Result	Unit Name	Basis Code	ResQu alCode	LipidPct	LipidCon centratio n	AvgofTotal Length	UnitLen gthFish
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			667	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			1237	mm
C1_203SANFRNRMPP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			640	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc	Perfluorododecanoate	0.00	ng/g	.ww	ND	2.2	0	114	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND	0.68	0	260	mm
C1_203OAKLNDLRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluorododecanoate	0.00	ng/g	.ww	ND	1.37	0	114	mm
C1_203OAKLNDLRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND	0.86	0	213	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluorododecanoate	0.00	ng/g	.ww	ND	1.62	0	107	mm
C1_203OAKLNDLRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			85	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			1323	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			667	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			683	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			657	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			693	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	5	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND	0.42	0	276	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			1143	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			1103	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorododecanoate	0.00	ng/g	.ww	ND			89	mm
C1_203SANFRNRMPP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			640	mm
C1_203OAKLNDLRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			85	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			89	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			1237	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluoroheptanoate	0.00	ng/g	.ww	ND	1.62	0	107	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc	Perfluoroheptanoate	0.00	ng/g	.ww	ND	2.2	0	114	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND	0.68	0	260	mm
C1_203OAKLNDLRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluoroheptanoate	0.00	ng/g	.ww	ND	1.37	0	114	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			693	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			1223	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			1323	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			667	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			667	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			1038	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			683	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			1143	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			657	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND	0.42	0	276	mm
C1_203OAKLNDLRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND	0.86	0	213	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			89	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	Perfluoroheptanoate	0.00	ng/g	.ww	ND			1103	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			683	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			89	mm
C1_203OAKLNDLRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND	0.86	0	213	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND	2.2	0	114	mm
C1_203OAKLNDLRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND	1.37	0	114	mm
C1_203OAKLNDLRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			85	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND	0.42	0	276	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			89	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND	0.68	0	260	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			1038	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			1143	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			693	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			1237	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			1223	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			667	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			657	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND	1.62	0	107	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			667	mm
C1_203SANFRNRMPP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			640	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			1103	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	Perfluorohexanesulfonate	0.00	ng/g	.ww	ND			1323	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	.ww	ND			667	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluorohexanoate	0.00	ng/g	.ww	ND	1.62	0	107	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluorohexanoate	0.00	ng/g	.ww	ND	1.62	0	107	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	.ww	ND			1323	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	.ww	ND			89	mm
C1_203OAKLNDLRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	.ww	ND			85	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	.ww	ND			89	mm

APPENDIX 5: Results for perfluorinated chemicals

CompositeID	ProtocolCode	ProjectCode	Year	StationCode	Location	CommonName	Numbe rInCom p	TissueC ode	PrepPreser vationNam e	AnalyteName	Result	Unit Name	Basis Code	ResQu alCode	LipidPct	LipidCon centratio n	AvgofTotal Length	UnitLen gthFish
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			1038	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND	0.68	0	260	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			1237	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			1143	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			657	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			683	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			693	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			667	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND	0.86	0	213	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluorohexanoate	0.00	ng/g	ww	ND	1.37	0	114	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sca	Perfluorohexanoate	0.00	ng/g	ww	ND	2.2	0	114	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			1223	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			1103	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND	0.42	0	276	mm
C1_203SANFRNRMP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluorohexanoate	0.00	ng/g	ww	ND			640	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			667	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			1323	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			1038	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			667	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND	0.86	0	213	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND	0.68	0	260	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			693	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND	0.42	0	276	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sca	Perfluorononanoate	0.00	ng/g	ww	ND	2.2	0	114	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			1103	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			89	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluorononanoate	0.00	ng/g	ww	ND	1.62	0	107	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			1223	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			1237	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluorononanoate	0.00	ng/g	ww	ND	1.37	0	114	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			89	mm
C1_203OAKLNDRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			85	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			657	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			1143	mm
C1_203SANFRNRMP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			640	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off	Perfluorononanoate	0.00	ng/g	ww	ND			683	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			667	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			1143	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			693	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			89	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			1223	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND	1.37	0	114	mm
C1_203SANFRNRMP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			640	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND	0.86	0	213	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			1103	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sca	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND	2.2	0	114	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			1323	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND	1.62	0	107	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			1237	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			89	mm
C1_203OAKLNDRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			85	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			657	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off	Perfluoroctanesulfonamide	2.56	ng/g	ww	=			683	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			1038	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND			667	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluoroctanesulfonamide	0.00	ng/g	ww	ND	0.68	0	260	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Perfluoroctanesulfonamide	4.16	ng/g	ww	=	0.42	990.4762	276	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluoroctanesulfonate	0.00	ng/g	ww	ND			693	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluoroctanesulfonate	0.00	ng/g	ww	ND	0.86	0	213	mm
C1_203SANFRNRMP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluoroctanesulfonate	0.00	ng/g	ww	ND			640	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluoroctanesulfonate	0.00	ng/g	ww	ND	1.37	0	114	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluoroctanesulfonate	0.00	ng/g	ww	ND			657	mm
C1_203OAKLNDRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluoroctanesulfonate	0.00	ng/g	ww	ND			85	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	Perfluoroctanesulfonate	0.00	ng/g	ww	ND			1323	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluoroctanesulfonate	0.00	ng/g	ww	ND	0.68	0	260	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass												

APPENDIX 5: Results for perfluorinated chemicals

CompositeID	ProtocolCode	ProjectCode	Year	StationCode	Location	CommonName	NumberInComp	TissueCode	PreparationName	AnalyteName	Result	UnitName	BasisCode	ResidualCode	LipidPct	LipidConcentration	AvgTotalLength	UnitLength	UnitFish	
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					1143	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluorooctanesulfonate	0.00	ng/g	ww	ND	1.62	0			107	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorooctanesulfonate	5.56	ng/g	ww	=					89	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc	Perfluorooctanesulfonate	0.00	ng/g	ww	ND	2.2	0			114	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					667	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorooctanesulfonate	9.64	ng/g	ww	=					1223	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND	0.42	0			276	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorooctanesulfonate	7.77	ng/g	ww	=					89	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					667	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off	Perfluorooctanesulfonate	18.00	ng/g	ww	=					1038	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					1103	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					1237	mm
C1_203SANFRNRP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					640	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluorooctanesulfonate	0.00	ng/g	ww	ND	1.62	0			107	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					693	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					1237	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					1323	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND	0.42	0			276	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc	Perfluorooctanesulfonate	0.00	ng/g	ww	ND	2.2	0			114	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluorooctanesulfonate	0.00	ng/g	ww	ND	1.37	0			114	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					1223	mm
C3_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					667	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND	0.68	0			260	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND	0.86	0			213	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					667	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					89	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					683	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					657	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					89	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					1143	mm
C1_203OAKLNDRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					85	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					1038	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	Perfluorooctanesulfonate	0.00	ng/g	ww	ND					1103	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					1237	mm
C1_203OAKLNDRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					85	mm
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					667	mm
C1_203SANFRNRP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					640	mm
C1_206SNPBLORMP09OLS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Leopard shark	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					1103	mm
C1_206SNPBLORMP09WST	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	White Sturgeon	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					1323	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND	0.86	0			213	mm
C1_203CENTRLRMP09OLS	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Leopard shark	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					1143	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc	Perfluoropentanoate	0.00	ng/g	ww	ND	2.2	0			114	mm
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					693	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluoropentanoate	0.00	ng/g	ww	ND	1.62	0			107	mm
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					683	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					1038	mm
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					657	mm
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					667	mm
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND	0.68	0			260	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					89	mm
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND	0.42	0			276	mm
C1_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					1223	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluoropentanoate	0.00	ng/g	ww	ND	1.37	0			114	mm
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluoropentanoate	0.00	ng/g	ww	ND					89	mm
C2_204STHBAYRMP09WST	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Sturgeon	3	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND					1237	mm
C1_203SANFRNRP09OCH	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	California Halibut	3	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND					640	mm
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND	0.86	0			213	mm
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sc	Perfluoroundecanoate	0.00	ng/g	ww	ND	2.2	0			114	mm
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sc	Perfluoroundecanoate	0.00	ng/g	ww	ND	1.37	0			114	mm
C2_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND					89	mm
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sc	Perfluoroundecanoate	0.00	ng/g	ww	ND	1.62	0			107	mm
C1_204STHBAYRMP09OLS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Leopard shark	3	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND					1038</	

APPENDIX 5: Results for perfluorinated chemicals

CompositeID	ProtocolCode	ProjectCode	Year	StationCode	Location	CommonName	Numbe rInCom p	TissueC ode	PrepPreser vationNam e	AnalyteName	Result	Unit Name	Basis Code	ResQu alCode	LipidPct	LipidCon centratio n	AvgofTotal Length	UnitLen gthFish
C1_203OAKLNDRMP09ONA	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Northern Anchovy	33	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND				85
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND	0.68	0		260
C3_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND				667
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND	0.42	0		276
C1_204STHBAYRMP09ONA	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Northern Anchovy	39	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND				89
C2_203CENTRLRMP09STB	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	Striped Bass	3	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND				683
C1_203CENTRLRMP09OCH	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	California Halibut	3	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND				693
C1_206SNPBLORMP09OCH	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	California Halibut	3	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND				657
C4_206SNPBLORMP09STB	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Striped Bass	3	FIL	Skin off	Perfluoroundecanoate	0.00	ng/g	ww	ND				667
C1_203SANFRNRMP09SHS	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	Shiner Surfperch	16	WNHTG	Skin On, Sci	Sum of Dioxin-Furan TEQs	0.90	pg/g	ww	=	1.93	46.53744		107
C2_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.66	pg/g	ww	=	2.2	30.20227		287
C1_203CENTRLRMP09OWC_1	RMP	09RMP2ST	2009	203CENTRL	Central Bay (6)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.24	pg/g	ww	=	0.68	34.95588		260
C2_203SANFRNRMP09SHS	RMP	09RMP2ST	2009	203SANFRN	San Francisco Water	Shiner Surfperch	16	WNHTG	Skin On, Sci	Sum of Dioxin-Furan TEQs	0.75	pg/g	ww	=	1.87	40.09206		111
C1_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.20	pg/g	ww	=	0.42	48.22876		276
C1_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sci	Sum of Dioxin-Furan TEQs	0.84	pg/g	ww	=	2.2	38.16182		114
C8_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.58	pg/g	ww	=	1.89	30.47302		275
C3_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.53	pg/g	ww	=	1.2	44.28		220
C1_203BRKLEYRMP09SHS	RMP	09RMP2ST	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On, Sci	Sum of Dioxin-Furan TEQs	0.82	pg/g	ww	=	1.93	42.71865		116
C2_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sci	Sum of Dioxin-Furan TEQs	1.59	pg/g	ww	=	1.32	120.4576		112
C2_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.22	pg/g	ww	=	0.49	44.97959		263
C7_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.57	pg/g	ww	=	1.91	30.10314		251
C3_204STHBAYRMP09OWC_1	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.32	pg/g	ww	=	1.17	27.30684		290
C6_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.33	pg/g	ww	=	0.9	36.53556		241
C2_204STHBAYRMP09SHS	RMP	09RMP2ST	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on, Sci	Sum of Dioxin-Furan TEQs	0.88	pg/g	ww	=	2.01	43.57761		164
C2_203BRKLEYRMP09SHS	RMP	09RMP2ST	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On, Sci	Sum of Dioxin-Furan TEQs	0.79	pg/g	ww	=	2.34	33.92863		117
C1_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.39	pg/g	ww	=	0.86	45.54186		213
C1_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sci	Sum of Dioxin-Furan TEQs	0.47	pg/g	ww	=	1.62	28.76111		107
C5_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.51	pg/g	ww	=	0.87	58.43861		275
C2_206SNPBLORMP09SHS	RMP	09RMP2ST	2009	206SNPBLO	San Pablo Bay (5)	Shiner Surfperch	14	WNHTG	Skin On, Sci	Sum of Dioxin-Furan TEQs	0.59	pg/g	ww	=	1.64	35.75		107
C4_203OAKLNDRMP09OWC_1	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs	0.70	pg/g	ww	=	1.8	38.94667		217
C1_203OAKLNDRMP09SHS	RMP	09RMP2ST	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On, Sci	Sum of Dioxin-Furan TEQs	1.26	pg/g	ww	=	1.37	91.6542		114

APPENDIX 6

Toxic equivalency factors for dioxins and dibenzofurans

APPENDIX 6

Toxic equivalency factors for the dioxins and furans measured in this study.

Analyte	WHO 2005 TEF
TCDD, 2,3,7,8-	1
PeCDD, 1,2,3,7,8-	1
HxCDD, 1,2,3,4,7,8-	0.1
HxCDD, 1,2,3,6,7,8-	0.1
HxCDD, 1,2,3,7,8,9-	0.1
HpCDD, 1,2,3,4,6,7,8-	0.01
OCDD, 1,2,3,4,6,7,8,9-	0.0003
TCDF, 2,3,7,8-	0.1
PeCDF, 2,3,4,7,8-	0.3
PeCDF, 1,2,3,7,8-	0.03
HxCDF, 1,2,3,4,7,8-	0.1
HxCDF, 1,2,3,6,7,8-	0.1
HxCDF, 1,2,3,7,8,9-	0.1
HxCDF, 2,3,4,6,7,8-	0.1
HpCDF, 1,2,3,4,6,7,8-	0.01
HpCDF, 1,2,3,4,7,8,9-	0.01
OCDF, 1,2,3,4,6,7,8,9-	0.0003

APPENDIX 7

Year 1 results of the SWAMP Coast Survey: Results for
dioxins and dibenzofurans

CompositeID	ProtocolCode	ProjectCode	Year	StationCode	Location	CommonName	NumberInCom	TissueCode	PrepPreservationNa	me	AnalyteName	Result	UnitName	BasisCode	ResQualCode	LipidPercent	LipidConcentration	AvgofTotal	UnitLength
C1_2030AKLNDRMP09	RMP_FISH	2009 RMP FISH	2009	2030AKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	TCDD, 2,3,7,8-	0.25	pg/g	ww	=	1.37	18.5	114	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	TCDF, 2,3,7,8-	1.53	pg/g	ww	=	1.93	79.3	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HpCDD, 1,2,3,4,6,7,8-	0.36	pg/g	ww	=	1.93	18.4	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HpCDF, 1,2,3,4,6,7,8-	0.20	pg/g	ww	=	1.93	10.1	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,4,7,8-	0.10	pg/g	ww	=	1.93	5.0	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,4,7,8-	0.13	pg/g	ww	=	1.93	6.6	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,6,7,8-	0.21	pg/g	ww	=	1.93	11.1	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,7,8,9-	0.12	pg/g	ww	=	1.93	6.1	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,4,7,8-	0.09	pg/g	ww	=	1.93	4.8	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,6,7,8-	0.08	pg/g	ww	=	1.93	4.3	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,7,8,9-	0.07	pg/g	ww	=	1.93	3.8	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HxCDF, 2,3,4,6,7,8-	0.10	pg/g	ww	=	1.93	5.0	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	OCDD, 1,2,3,4,6,7,8,9-	1.05	pg/g	ww	=	1.93	54.4	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	OCDF, 1,2,3,4,6,7,8,9-	0.23	pg/g	ww	=	1.93	11.7	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	PeCDD, 1,2,3,7,8-	0.30	pg/g	ww	=	1.93	15.8	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	PeCDF, 1,2,3,7,8-	0.16	pg/g	ww	=	1.93	8.3	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	PeCDF, 2,3,4,7,8-	0.39	pg/g	ww	=	1.93	20.4	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	Sum of Dioxin-Furan TEQs (WHO 2005;ND=0)	0.90	pg/g	ww	=	1.93	46.5	107	mm
C1_2030SANFRNRMP09	RMP_FISH	2009 RMP FISH	2009	2030SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	TCDD, 2,3,7,8-	0.23	pg/g	ww	=	1.93	12.0	107	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		TCDF, 2,3,7,8-	0.11	pg/g	ww	=	0.42	25.5	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		HpCDD, 1,2,3,4,6,7,8-	0.09	pg/g	ww	=	0.42	21.4	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		HpCDF, 1,2,3,4,6,7,8-	0.06	pg/g	ww	=	0.42	14.3	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND	0.42	0.0	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		HxCDD, 1,2,3,4,7,8-	0.06	pg/g	ww	=	0.42	14.5	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		HxCDD, 1,2,3,6,7,8-	0.06	pg/g	ww	=	0.42	14.0	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		HxCDD, 1,2,3,7,8,9-	0.00	pg/g	ww	ND	0.42	0.0	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		HxCDF, 1,2,3,4,7,8-	0.00	pg/g	ww	ND	0.42	0.0	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		HxCDF, 2,3,4,6,7,8-	0.00	pg/g	ww	ND	0.42	0.0	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		OCDF, 1,2,3,4,6,7,8,9-	0.14	pg/g	ww	=	0.42	32.4	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		PeCDD, 1,2,3,7,8-	0.08	pg/g	ww	=	0.42	18.1	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		PeCDF, 1,2,3,7,8-	0.05	pg/g	ww	=	0.42	12.9	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		PeCDF, 2,3,4,7,8-	0.13	pg/g	ww	=	0.42	29.8	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		Sum of Dioxin-Furan TEQs (WHO 2005;ND=0)	0.20	pg/g	ww	=	0.42	48.2	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off		TCDD, 2,3,7,8-	0.06	pg/g	ww	=	0.42	13.8	276	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	TCDF, 2,3,7,8-	2.23	pg/g	ww	=	2.2	101.4	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HpCDD, 1,2,3,4,6,7,8-	0.20	pg/g	ww	=	2.2	9.2	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HpCDF, 1,2,3,4,6,7,8-	0.00	pg/g	ww	ND	2.2	0.0	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND	2.2	0.0	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HxCDD, 1,2,3,4,7,8-	0.06	pg/g	ww	=	2.2	2.8	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HxCDD, 1,2,3,6,7,8-	0.15	pg/g	ww	=	2.2	6.6	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HxCDD, 1,2,3,7,8,9-	0.06	pg/g	ww	=	2.2	2.6	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HxCDF, 1,2,3,4,7,8-	0.00	pg/g	ww	ND	2.2	0.0	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HxCDF, 1,2,3,6,7,8-	0.00	pg/g	ww	ND	2.2	0.0	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HxCDF, 1,2,3,7,8,9-	0.00	pg/g	ww	ND	2.2	0.0	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	HxCDF, 2,3,4,6,7,8-	0.00	pg/g	ww	ND	2.2	0.0	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	OCDF, 1,2,3,4,6,7,8,9-	0.00	pg/g	ww	ND	2.2	0.0	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	PeCDD, 1,2,3,7,8-	0.26	pg/g	ww	=	2.2	11.7	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	PeCDF, 1,2,3,7,8-	0.16	pg/g	ww	=	2.2	7.2	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	PeCDF, 2,3,4,7,8-	0.47	pg/g	ww	=	2.2	21.3	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	Sum of Dioxin-Furan TEQs (WHO 2005;ND=0)	0.84	pg/g	ww	=	2.2	38.2	114	mm
C1_2042STHBAYRMP09	RMP_FISH	2009 RMP FISH	2009	2042STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off	TCDD, 2,3,7,8-	0.19	pg/g	ww	=	2.2	8.5	114	mm
C1_2062SNPBLORMP09	RMP_FISH	2009 RMP FISH	2009	2062SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off	TCDF, 2,3,7,8-	1.03	pg/g	ww	=	1.62	63.6	107	mm
C1_2062SNPBLORMP09	RMP_FISH	2009 RMP FISH	2009	2062SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off	HpCDD, 1,2,3,4,6,7,8-	0.10	pg/g	ww	=	1.62	6.2	107	mm
C1_2062SNPBLORMP09	RMP_FISH	2009 RMP FISH	2009	2062SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off	HpCDF, 1,2,3,4,6,7,8-	0.00	pg/g	ww	ND	1.62	0.0	107	mm
C1_2062SNPBLORMP09	RMP_FISH	2009 RMP FISH	2009	2062SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off	HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND	1.62	0.0	107	mm
C1_2062SNPBLORMP09	RMP_FISH	2009 RMP FISH	2009	2062SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,4,7,8-	0.00	pg/g	ww	ND	1.62	0.0	107	mm
C1_2062SNPBLORMP09	RMP_FISH	2009 RMP FISH	2009	2062SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,6,7,8-	0.08	pg/g	ww	=	1.62	4.9	107	mm
C1_2062SNPBLORMP09	RMP_FISH	2009 RMP FISH	2009																

APPENDIX 7: Results for dioxins and dibenzofurans

CompositeID	ProtocolCode	ProjectCode	Year	StationCode	Location	CommonName	NumberInCom	TissueCode	PrepPreservation	Na	AnalyteName	Result	UnitName	BasisCode	ResQua	Code	LipidPct	LipidConcentration	AvgofTotal	UnitLength
C1_206SNPBLORMP09S	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off	Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.47	pg/g	ww	=		1.62	28.8	107	mm
C1_206SNPBLORMP09S	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off	TCDD, 2,3,7,8-	0.10	pg/g	ww	=		1.62	6.4	107	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	TCDF, 2,3,7,8-	1.99	pg/g	ww	=		2.34	85.0	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HpCDD, 1,2,3,4,6,7,8-	0.14	pg/g	ww	=		2.34	5.8	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HpCDF, 1,2,3,4,6,7,8-	0.06	pg/g	ww	=		2.34	2.5	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND		2.34	0.0	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,4,7,8-	0.08	pg/g	ww	=		2.34	3.5	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,6,7,8-	0.10	pg/g	ww	=		2.34	4.2	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,7,8,9-	0.06	pg/g	ww	=		2.34	2.4	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,4,7,8-	0.00	pg/g	ww	ND		2.34	0.0	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,6,7,8-	0.00	pg/g	ww	ND		2.34	0.0	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,7,8,9-	0.00	pg/g	ww	ND		2.34	0.0	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,4,6,7,8-	0.00	pg/g	ww	ND		2.34	0.0	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	OCDF, 1,2,3,4,6,7,8,9-	0.00	pg/g	ww	ND		2.34	0.0	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	PeCDD, 1,2,3,7,8-	0.26	pg/g	ww	=		2.34	10.9	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	PeCDF, 1,2,3,7,8-	0.16	pg/g	ww	=		2.34	7.0	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	PeCDF, 2,3,4,7,8-	0.42	pg/g	ww	=		2.34	18.1	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.79	pg/g	ww	=		2.34	33.9	117	mm
C2_203BRKLEYRMP09S	RMP_FISH	2009 RMP FISH	2009	203BRKLEY	Berkeley (4)	Shiner Surfperch	19	WNHTG	Skin On	Scales Off	TCDD, 2,3,7,8-	0.18	pg/g	ww	=		2.34	7.8	117	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		TCDF, 2,3,7,8-	0.17	pg/g	ww	=		0.49	34.1	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		HpCDD, 1,2,3,4,6,7,8-	0.07	pg/g	ww	=		0.49	14.3	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		HpCDF, 1,2,3,4,6,7,8-	0.00	pg/g	ww	ND		0.49	0.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND		0.49	0.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		HxCDD, 1,2,3,4,7,8-	0.00	pg/g	ww	ND		0.49	0.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		HxCDD, 1,2,3,6,7,8-	0.00	pg/g	ww	ND		0.49	0.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		HxCDD, 1,2,3,7,8,9-	0.00	pg/g	ww	ND		0.49	0.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		HxCDF, 1,2,3,4,7,8-	0.00	pg/g	ww	ND		0.49	0.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		OCDF, 1,2,3,4,6,7,8,9-	0.00	pg/g	ww	ND		0.49	0.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		PeCDD, 1,2,3,7,8-	0.11	pg/g	ww	=		0.49	23.1	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		PeCDF, 1,2,3,7,8-	0.00	pg/g	ww	ND		0.49	0.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		PeCDF, 2,3,4,7,8-	0.00	pg/g	ww	ND		0.49	0.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.22	pg/g	ww	=		0.49	45.0	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off		TCDD, 2,3,7,8-	0.09	pg/g	ww	=		0.49	18.4	263	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	TCDF, 2,3,7,8-	3.41	pg/g	ww	=		1.32	258.3	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	HpCDD, 1,2,3,4,6,7,8-	0.62	pg/g	ww	=		1.32	46.7	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	HpCDF, 1,2,3,4,6,7,8-	0.12	pg/g	ww	=		1.32	9.2	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND		1.32	0.0	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,4,7,8-	0.18	pg/g	ww	=		1.32	13.9	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,6,7,8-	0.50	pg/g	ww	=		1.32	38.0	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	HxCDD, 1,2,3,7,8,9-	0.15	pg/g	ww	=		1.32	11.7	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,4,7,8-	0.07	pg/g	ww	=		1.32	5.2	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,6,7,8-	0.11	pg/g	ww	=		1.32	8.0	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	HxCDF, 1,2,3,7,8,9-	0.00	pg/g	ww	ND		1.32	0.0	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	OCDF, 1,2,3,4,6,7,8,9-	0.09	pg/g	ww	=		1.32	6.6	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	OCDF, 1,2,3,4,6,7,8,9-	0.74	pg/g	ww	=		1.32	55.8	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	OCDF, 1,2,3,4,6,7,8,9-	0.00	pg/g	ww	ND		1.32	0.0	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	PeCDD, 1,2,3,7,8-	0.60	pg/g	ww	=		1.32	45.1	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	PeCDF, 1,2,3,7,8-	0.23	pg/g	ww	=		1.32	17.5	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	PeCDF, 2,3,4,7,8-	0.67	pg/g	ww	=		1.32	50.4	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	1.59	pg/g	ww	=		1.32	120.5	112	mm
C2_203OAKLNDRMP09S	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	Shiner Surfperch	20	WNHTG	Skin On	Scales Off	TCDD, 2,3,7,8-	0.33	pg/g	ww	=		1.32	25.0	112	mm
C2_203SANFRNRMP09S	RMP_FISH	2009 RMP FISH	2009	203SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	TCDF, 2,3,7,8-	1.41	pg/g	ww	=		1.87	75.4	111	mm
C2_203SANFRNRMP09S	RMP_FISH	2009 RMP FISH	2009	203SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HpCDD, 1,2,3,4,6,7,8-	0.18	pg/g	ww	=		1.87	9.8	111	mm
C2_203SANFRNRMP09S	RMP_FISH	2009 RMP FISH	2009	203SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HpCDF, 1,2,3,4,6,7,8-	0.09	pg/g	ww	=		1.87	4.8	111	mm
C2_203SANFRNRMP09S	RMP_FISH	2009 RMP FISH	2009	203SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off	HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND		1.87	0.0	111	mm
C2_203SANFRNRMP09S	RMP_FISH	2009 RMP FISH	2009	203SANFRN	San Francisco V.	Shiner Surfperch	16	WNHTG	Skin On	Scales Off										

APPENDIX 7: Results for dioxins and dibenzofurans

CompositeID	ProtocolCode	ProjectCode	Year	StationCode	Location	CommonName	NumberInCom	TissueCode	Prep	Preservation	Na	AnalyteName	Result	UnitName	BasisCode	ResQual	Code	LipidPct	LipidConcentration	AvgofTotalLength	UnitLength
C2_203SANFRNRMP09C	RMP_FISH	2009 RMP FISH	2009	203SANFRN	San Francisco V	Shiner Surfperch	16	WNHTG	Skin On	Scales Off		PeCDF, 2,3,4,7,8-	0.32	pg/g	ww	=		1.87	17.2	111	mm
C2_203SANFRNRMP09C	RMP_FISH	2009 RMP FISH	2009	203SANFRN	San Francisco V	Shiner Surfperch	16	WNHTG	Skin On	Scales Off		Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.75	pg/g	ww	=		1.87	40.1	111	mm
C2_203SANFRNRMP09C	RMP_FISH	2009 RMP FISH	2009	203SANFRN	San Francisco V	Shiner Surfperch	16	WNHTG	Skin On	Scales Off		TCDD, 2,3,7,8-	0.23	pg/g	ww	=		1.87	12.2	111	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			TCDF, 2,3,7,8-	0.78	pg/g	ww	=		2.2	35.6	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			HpCDD, 1,2,3,4,6,7,8-	0.13	pg/g	ww	=		2.2	5.8	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			HpCDF, 1,2,3,4,6,7,8-	0.00	pg/g	ww	ND		2.2	0.0	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND		2.2	0.0	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			HxCDD, 1,2,3,4,7,8-	0.09	pg/g	ww	=		2.2	4.1	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			HxCDD, 1,2,3,6,7,8-	0.19	pg/g	ww	=		2.2	8.4	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			HxCDD, 1,2,3,7,8,9-	0.00	pg/g	ww	ND		2.2	0.0	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			HxCDF, 1,2,3,6,7,8-	0.06	pg/g	ww	=		2.2	2.6	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			HxCDF, 1,2,3,7,8,9-	0.00	pg/g	ww	ND		2.2	0.0	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			HxCDF, 2,3,4,7,8-	0.00	pg/g	ww	ND		2.2	0.0	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			OCDF, 1,2,3,4,6,7,8,9-	0.00	pg/g	ww	ND		2.2	0.0	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			PeCDD, 1,2,3,7,8-	0.26	pg/g	ww	=		2.2	11.7	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			PeCDF, 1,2,3,7,8-	0.20	pg/g	ww	=		2.2	9.2	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			PeCDF, 2,3,4,7,8-	0.49	pg/g	ww	=		2.2	22.5	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.66	pg/g	ww	=		2.2	30.2	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	White Croaker	5	FIL	Skin off			TCDD, 2,3,7,8-	0.15	pg/g	ww	=		2.2	6.8	287	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		TCDF, 2,3,7,8-	2.46	pg/g	ww	=		2.01	122.4	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HpCDD, 1,2,3,4,6,7,8-	0.14	pg/g	ww	=		2.01	7.0	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HpCDF, 1,2,3,4,6,7,8-	0.05	pg/g	ww	=		2.01	2.5	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND		2.01	0.0	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HxCDD, 1,2,3,4,7,8-	0.08	pg/g	ww	=		2.01	3.8	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HxCDD, 1,2,3,6,7,8-	0.15	pg/g	ww	=		2.01	7.2	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HxCDD, 1,2,3,7,8,9-	0.00	pg/g	ww	ND		2.01	0.0	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HxCDF, 1,2,3,4,7,8-	0.06	pg/g	ww	=		2.01	3.0	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HxCDF, 1,2,3,6,7,8-	0.05	pg/g	ww	=		2.01	2.5	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HxCDF, 1,2,3,7,8,9-	0.00	pg/g	ww	ND		2.01	0.0	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		HxCDF, 2,3,4,6,7,8-	0.00	pg/g	ww	ND		2.01	0.0	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		OCDF, 1,2,3,4,6,7,8,9-	0.00	pg/g	ww	ND		2.01	0.0	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		PeCDD, 1,2,3,7,8-	0.26	pg/g	ww	=		2.01	12.8	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		PeCDF, 1,2,3,7,8-	0.15	pg/g	ww	=		2.01	7.5	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		PeCDF, 2,3,4,7,8-	0.54	pg/g	ww	=		2.01	27.1	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.88	pg/g	ww	=		2.01	43.6	114	mm
C2_204STHBAYRMP09C	RMP_FISH	2009 RMP FISH	2009	204STHBAY	South Bay (1)	Shiner Surfperch	19	WNHTG	Skin on	Scales Off		TCDD, 2,3,7,8-	0.17	pg/g	ww	=		2.01	8.5	114	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		TCDF, 2,3,7,8-	1.36	pg/g	ww	=		1.64	82.9	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HpCDD, 1,2,3,4,6,7,8-	0.11	pg/g	ww	=		1.64	6.5	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HpCDF, 1,2,3,4,6,7,8-	0.00	pg/g	ww	ND		1.64	0.0	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND		1.64	0.0	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HxCDD, 1,2,3,4,7,8-	0.00	pg/g	ww	ND		1.64	0.0	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HxCDD, 1,2,3,6,7,8-	0.10	pg/g	ww	=		1.64	6.2	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HxCDD, 1,2,3,7,8,9-	0.00	pg/g	ww	ND		1.64	0.0	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HxCDF, 1,2,3,4,7,8-	0.00	pg/g	ww	ND		1.64	0.0	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HxCDF, 1,2,3,6,7,8-	0.00	pg/g	ww	ND		1.64	0.0	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HxCDF, 1,2,3,7,8,9-	0.00	pg/g	ww	ND		1.64	0.0	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		HxCDF, 2,3,4,6,7,8-	0.00	pg/g	ww	ND		1.64	0.0	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		OCDF, 1,2,3,4,6,7,8,9-	0.00	pg/g	ww	ND		1.64	0.0	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		PeCDD, 1,2,3,7,8-	0.19	pg/g	ww	=		1.64	11.8	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		PeCDF, 1,2,3,7,8-	0.14	pg/g	ww	=		1.64	8.4	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		PeCDF, 2,3,4,7,8-	0.35	pg/g	ww	=		1.64	21.5	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.59	pg/g	ww	=		1.64	35.8	107	mm
C2_206SNPBLORMP09C	RMP_FISH	2009 RMP FISH	2009	206SNPBLO	San Pablo Bay	Shiner Surfperch	14	WNHTG	Skin On	Scales Off		TCDD, 2,3,7,8-	0.14	pg/g	ww	=		1.64	8.3	107	mm
C3_203OAKLNDRMP09C	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off			TCDF, 2,3,7,8-	0.43	pg/g	ww	=		1.2	35.8	220	mm
C3_203OAKLNDRMP09C	RMP_FISH	2009 RMP FISH	2009	203OAKLND	Oakland (2)	White Croaker	5	FIL	Skin off			HpCDD, 1,2,3,4,6,7,8-	0.09	pg/g	ww	=		1.2	7.3	2	

CompositeID	ProtocolCode	ProjectCode	Year	StationCode	Location	CommonName	NumberInCom	TissueCode	Prep	PreservationNa	AnalyteName	Result	UnitName	BasisCode	ResCode	LipidPct	LipidConcentration	AvgofTotalLength	UnitLength
C6	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	PeCDF, 1,2,3,7,8-	0.00	pg/g	ww	ND	0.9	0.0	241	mm
C6	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	PeCDF, 2,3,4,7,8-	0.22	pg/g	ww	=	0.9	24.8	241	mm
C6	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.33	pg/g	ww	=	0.9	36.5	241	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	TCDF, 2,3,7,8-	0.76	pg/g	ww	=	1.91	40.0	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDD, 1,2,3,4,6,7,8-	0.08	pg/g	ww	=	1.91	4.1	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HpCDF, 1,2,3,4,6,7,8-	0.00	pg/g	ww	ND	1.91	0.0	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND	1.91	0.0	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDD, 1,2,3,4,7,8-	0.06	pg/g	ww	=	1.91	3.4	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDD, 1,2,3,6,7,8-	0.09	pg/g	ww	=	1.91	4.9	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDD, 1,2,3,7,8,9-	0.00	pg/g	ww	ND	1.91	0.0	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDF, 1,2,3,4,7,8-	0.00	pg/g	ww	ND	1.91	0.0	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDF, 1,2,3,6,7,8-	0.00	pg/g	ww	ND	1.91	0.0	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDF, 1,2,3,7,8,9-	0.00	pg/g	ww	ND	1.91	0.0	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDF, 2,3,4,6,7,8-	0.00	pg/g	ww	ND	1.91	0.0	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	OCDF, 1,2,3,4,6,7,8,9-	0.00	pg/g	ww	ND	1.91	0.0	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	PeCDD, 1,2,3,7,8-	0.23	pg/g	ww	=	1.91	11.8	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	PeCDF, 1,2,3,7,8-	0.16	pg/g	ww	=	1.91	8.2	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	PeCDF, 2,3,4,7,8-	0.36	pg/g	ww	=	1.91	18.7	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.57	pg/g	ww	=	1.91	30.1	251	mm
C7	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	TCDD, 2,3,7,8-	0.15	pg/g	ww	=	1.91	7.6	251	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	TCDF, 2,3,7,8-	0.74	pg/g	ww	=	1.89	39.3	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HpCDD, 1,2,3,4,6,7,8-	0.11	pg/g	ww	=	1.89	5.7	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HpCDF, 1,2,3,4,6,7,8-	0.00	pg/g	ww	ND	1.89	0.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HpCDF, 1,2,3,4,7,8,9-	0.00	pg/g	ww	ND	1.89	0.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDD, 1,2,3,4,7,8-	0.00	pg/g	ww	ND	1.89	0.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDD, 1,2,3,6,7,8-	0.11	pg/g	ww	=	1.89	6.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDD, 1,2,3,7,8,9-	0.00	pg/g	ww	ND	1.89	0.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDF, 1,2,3,4,7,8-	0.00	pg/g	ww	ND	1.89	0.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDF, 1,2,3,6,7,8-	0.00	pg/g	ww	ND	1.89	0.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDF, 1,2,3,7,8,9-	0.00	pg/g	ww	ND	1.89	0.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	HxCDF, 2,3,4,6,7,8-	0.00	pg/g	ww	ND	1.89	0.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	OCDF, 1,2,3,4,6,7,8,9-	0.00	pg/g	ww	ND	1.89	0.0	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	PeCDD, 1,2,3,7,8-	0.20	pg/g	ww	=	1.89	10.6	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	PeCDF, 1,2,3,7,8-	0.17	pg/g	ww	=	1.89	8.9	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	PeCDF, 2,3,4,7,8-	0.44	pg/g	ww	=	1.89	23.5	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	Sum of Dioxin-Furan TEQs (WHO 2005;ND=0	0.58	pg/g	ww	=	1.89	30.5	275	mm
C8	2030AKLND	RMP	FISH	2009	2030AKLND	Oakland (2)	White Croaker	5	FIL	Skin off	TCDD, 2,3,7,8-	0.15	pg/g	ww	=	1.89	8.0	275	mm