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Concentrations of Polycyclic Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyls (PCBs), and Organochlorinated Pesticides (OCPs) in the Kenai River, Alaska: 2001-2005

-- A Data Report

June 2006

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Concentrations of Polycyclic Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyls (PCBs), and Organochlorinated Pesticides (OCPs) in the Kenai River, Alaska: 2001-2005 - - A Data Report

by

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ABSTRACT

The Kenai River in Alaska is one of the most popular salmon fishing rivers in the world. Heavy recreational boating use and attendant urban development have raised concerns about pollution in the river. Among the most deleterious of potential contaminants are the polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and organochlorine pesticides (OCPs). These three types of chemicals are capable of persisting in sediments and fish tissues for many years, making them available to higher trophic level predators. These compounds are also among the most toxic to aquatic organisms and humans. Between 2001 and 2005, the Alaska Fisheries Science Center deployed passive samplers to assess the origin and variation in non-point source delivery of these pollutants to the river. Possible sources included recreational boating, street runoff, and remote delivery through the atmosphere and returning fish carcasses. This data report presents the concentrations of 39 PAH analytes, 40 PCB congeners, and 24 OCPs detected in 432 samplers deployed for 21-30 days in the Kenai River at a variety of locations and seasons. In addition, we also report concentrations of PCBs and OCPs from eggs and muscle tissues of 10 returning Chinook salmon (*Oncorhynchus tshawtyscha*). Synthesis and interpretation of this data will be available shortly from 2 publications: Moles et al. (in press) and Rice et al. (in preparation).

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INTRODUCTION

Of contaminants that can enter a watershed from human activity, organic pollutants such as polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and organochlorine pesticides (OCPs) are among the most toxic to aquatic life and the most persistent. Released into the environment through either combustion or weathering of oil products, some PAHs are known carcinogens and mutagens (Barron et al. 2004). Polycyclic aromatics, because they are larger and heavier than moncyclic aromatics, are released from oil films and droplets at progressively slower rates with increasing molecular weight and can persist in sediments and tissues for several years (Short et al. 2004). Salmon embryos that accumulated PAHs from aqueous concentrations as low as 1 ng/g (TPAH) had reduced survival and growth, probably as the result of damage during early embryonic development (Heintz et al. 2000).

By far the most persistent pollutants in the environment are the organochlorides such as polychlorinated biphenyls (PCB), chlorinated pesticides, and industrial byproducts such as dioxins and furans. These compounds are potential neurotoxins and endocrine disruptors in fish and humans that can persist in the environment for decades (AMAP 2002). Organochlorides can be transported atmospherically from remote industrialized sites and find their way via currents and rain to rural locations, especially in the higher latitudes (Simonich and Hites 1995). Organochlorides can also concentrate to high levels in the lipid-rich tissues of salmon (*Oncorhynchus* spp.)from trace quantities in the ocean. These chemicals are returned to the natal stream when the salmon spawn and die, increasing the loads in the sediments by as much as seven-fold (Krummel et al. 2003).

The best way to assess spatial and temporal changes in the concentrations of freely dissolved organic pollutants in water is through the use of passive samplers. The proven ability of these devices to concentrate trace quantities from the water and integrate exposure over time improves the detection of PAHs and permits capture of intermittent pulses of contaminants (Prest et al. 1995, Carls et al. 2004). Between 2001 and 2005, the National Marine Fisheries Service and the Kenai Watershed Forum deployed 432 passive samplers in the Kenai River in Alaska to determine the source and variation of PAHs, PCBs, and OCPs in the river. In addition, eggs and muscle tissue from 10 Chinook salmon (*O. tshawtyscha*) females returning to the river to spawn were examined for PCB and OCP levels.

Study Site

The 132 km-long Kenai River (latitude 60º33´N, longitude 151º16´W) in southcentral Alaska is one of the most productive salmon streams in the world, with a watershed of 5054 km^2. Four species of anadromous salmon: Chinook, coho (*O. kisutch)*, sockeye (*O. nerka)*, and pink (*O. gorbuscha)* salmon as well as rainbow trout (*O. mykiss)* return to the river from mid-May through September. Pink salmon are available in even years only due to the nature of their life cycle. Dolly Varden (*Salvelinus malma)* and lake trout (*S. namaycush)* are year-round residents in the watershed. Dubbed the premiere fishing "hotspot" in North America by *Field and Stream Magazine* in 2004, the Kenai River produces some of the largest runs of Pacific salmon on the continent. In 2004, 1,384,587 sockeye salmon and 68,640 Chinook salmon returned to the river.

MATERIALS AND METHODS

From 2001 through 2005, passive sampling devices were deployed at a variety of locations along the Kenai River to assess spatial and temporal changes in PAH, PCB, and OCP input. These passive samplers, variously referred to as polyethylene membrane devices (PEMDs) or low-density polyethylene devices (LDPEs), are similar to the commercially available semi-permeable membrane devices (SPMDs) used routinely in water-quality monitoring. Lacking a central bag of lipid, these devices are simpler and less expensive to deploy and analyze. The PEMDs are a single strip of low-density polyethylene measuring 2.6 cm × 50 cm × 88 cm serpentined around aluminum nails in an aluminum pipe (11 cm outside diameter × 6 cm depth) with perforated aluminum end caps that allowed the water to flow freely past the strips. Organic contaminants were sequestered in the polyethylene matrix (Carls et al. 2004) inside the perforated canisters.

The polyethylene membranes inside the canisters were prepared by sonic extraction in pentane followed by a rinse with pentane during removal from the sonic bath. All canisters, screens, tools, and associated hardware were washed with soap and water and rinsed with chromatography grade methylene chloride prior to use. Some samplers from each batch were retained in the laboratory to serve as laboratory blanks. During each deployment at least one sampler (field blank) was exposed to air at one of the sampling sites for approximately 1 minute. The passive sampling devices were wrapped in two separate layers of hydrocarbon-clean

aluminum foil plus and double-bagged in plastic during transport to and from the field to prevent passive sampling of air (Huckins et al. 1996).

Following retrieval, membranes were removed from the canisters in the laboratory using hydrocarbon-free forceps. The membranes were stored in hydrocarbon-free glass jars with aluminum foil-lined lids and placed in a -20º C freezer until extraction. In the laboratory, the membranes were extracted and analyzed as described by Carls et al. (2004). Extracts were analyzed by gas chromatography equipped with a mass selective detector, and PAH concentrations were determined by the internal standard method (Short et al. 1996). Concentrations of total PAH were calculated by summing the concentration of 39 analytes listed in Table 1. Total PAHs extracted from the device were converted to ng/g values based on an average weight of 10 membranes determined previously (Carls et al. 2004).

Samplers were deployed at 28 locations along the river. Details about sampling locations can be found in Moles et al. (in press). Five of these sites (Airport Creek, Kenai Dock, Sonar, Soldotna Creek, and 44.5 Mile) were sampled most months of the year, and the remaining sites were sampled in April and July of each year. In addition, passive samplers were deployed at several locations in a tributary stream that drained an area near the airport in the town of Kenai (Airport Creek) to determine the source of the high concentrations of hydrocarbons in the main stem of this tributary stream. Samplers were also deployed in the local settling basins that collected local street runoff from the town of Soldotna. Deployment was typically from 21 to 30 days. Given the difficult logistics of sampling in a subarctic river during the winter months,

samplers were not always deployed at all sites during the winter. Samplers were cabled from shore to avoid the contamination inherent in deploying from a motorboat with carriers suspended less than 1 m below the water surface.

In 2002, PEMD samplers were also deployed for 21-30 days at some locations along the river in tandem with the PAH samplers to determine what concentrations of an array of pesticides or PCBs were present in the river. These samplers were identical to the PAH samplers but method of analysis differed. The dates were chosen to coincide with the beginning and end of runoff from snowmelt (April, July, and August). Analysis of each monthly set of deployed PEMDs also included one or two field blanks, one laboratory blank, one solvent method blank, one spiked laboratory blank, and one spiked solvent method blank. In the laboratory, an internal standard (PCB 103) was added to all samples and a solution containing a suite of chlorinated analytes was added to the two spiked samples. The samples were then extracted in 1:1 methylene chloride:pentane by sonication. The extracts were eluted through silica columns using 1:1 methylene chloride: pentane. The cleaned up extracts were concentrated into 100μL of isooctane, and an instrument internal standard (tetrachloro-m-xylene) was added.

In addition to the passive samplers, 10 adult female Chinook salmon were captured upon their return to the river. The fish were taken throughout the month of July to ensure maximal variation. Each of the 10 fish was of a different size to ensure a wide selection of ages. Upon capture, eggs and 2 g of flesh were taken from each fish for chlorinated hydrocarbon analysis using proper techniques to avoid contamination of the samples. Each fish was aged using scale

analysis to determine if the length of ocean residency increased the concentration of OCPs in either tissue. The passive samplers and frozen tissue samples were sent to the Northwest Fisheries Science Center in Seattle, Washington, for analysis using the gas chromatography/mass spectrometry techniques described in detail in Sloan et al. (2004). The PCB congeners and pesticides measured are identified in Table 1. . The PAH data are presented in Table 2 and the PCB and OCP data are presented in Table 3.

This is a data report listing the results of NMFS's work on the Kenai River between 2001 and 2005. This report contains no attempt to synthesize, summarize, or interpret the data. Rather, that task has been deferred to two publications that are currently in press or in preparation:

Moles, A., L. Holland, and O. Andersson. In press. Assessment of the significance of direct and indirect pollution inputs to a major salmon-producing river using polyethylene membrane devices. Environ. Toxicol. Chem. 25(8):XX-XXX.

Rice, S. D., and A. Moles. In prep. Assessing the potential for remote delivery of persistent organic pollutants to the Kenai River in Alaska. Alaska Fisheries Research Bulletin.

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Arctic Monitoring and Assessment Programme (AMAP). 2002. Arctic pollution 2002: Persistent organic pollutants, heavy metals, radioactivity, human health, changing pathways, p. iii-111. *In* G. K. Ostrander (editor), Techniques in Aquatic Toxicology. CRC-Lewis, Boca Raton, LA.

Barron. M. G., M. G. Carls, R. A. Heintz, and S. D. Rice. 2004. Evaluation of fish early life-stage toxicity models of chronic embryonic exposures to complex polycyclic aromatic hydrocarbon mixtures. Toxicol. Sci. 78:60-67.

Carls M. G., L. Holland, J. W. Short, R. A. Heintz, and S. D. Rice. 2004. Monitoring polynuclear aromatic hydrocarbons in aqueous environments with passive low-density polyethylene membrane devices. Environ. Toxicol. Chem. 23:1416-1424.

Heintz R. A., S. D. Rice, A. C. Wertheimer, R. F. Bradshaw, F. P. Thrower, J. E. Joyce, and J. W. Short. 2000. Delayed effects on growth and marine survival of pink salmon *Oncorhynchus gorbuscha* after exposure to crude oil during embryonic development. Mar. Ecol. Prog. Ser. 208:205-216.

Huckins J. N., J. D. Petty, J. A. Lebo, C. E. Orazio, H. F. Prest, D. E. Tillitt, G. S. Ellis, B. T. Johnson, and G. K. Manuweera. 1996. Semipermeable membrane devices (SPMDs) for the concentration and assessment of bioavailable organic contaminants in aquatic environments, p. 625-655. *In* G. K. Ostrander (editor), Techniques in Aquatic Toxicology. Lewis, New York, NY, USA.

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Short, J.W., T. J. Jackson, M. L. Larsen, and T. L. Wade. 1996. Analytical methods used for the analysis of hydrocarbons in crude oil, tissues, sediments, and seawater collected for the Natural Resources Damage Assessment of the *Exxon Valdez* oil spill. American Fisheries Society Symposium 18:140-148.

Short, J. W., M. R. Lindeberg, P. M. Harris, J. M. Maselko, J. J. Pella, and S. D. Rice. 2004. Estimate of oil persisting on beaches of Prince William Sound, 12 years after the *Exxon Valdez* oil spill. Environ. Sci. Technol. 38:19-25.

Simonich, S,. and R. Hites. 1995. Global distribution of persistent organic contaminants. Science 269:1851-1854.

Sloan, C. A., D. W. Brown, R. W. Pearce, R. H. Boyer, J. L. Bolton, D. G. Burrows, D. P. Herman, and M. M. Krahn. 2004. Extraction, cleanup, and gas chromatography/mass spectroscopy analysis of sediments and tissues for organic contaminants. U. S. Dep. Commer., NOAA Tech. Memo.NMFS-NWFSC-59, 47 p.

Table 1. - - Polycyclic aromatic hydrocarbon (PAH) and organochlorinated pesticides (OCP) analytes and their abbreviations as used in this report

naphthalenes	N0		
C-1 naphthalenes	N1	Polychlorobiphenal congeners	PCBs
C-2 naphthalenes	N2	17, 18, 28, 31, 33, 44, 49, 52, 66, 70	
C-3 naphthalenes	N3	74, 82, 87, 90, 95, 99, 101, 105, 110	
C-4 naphthalenes	N4	118, 128, 132, 138, 149, 151, 153	
biphenyl	BPH	156, 158, 159, 163, 164, 170, 171	
acenaphthylene	ACY	177, 180, 182, 183, 187, 190, 191	
acenaphthene	ACE	194, 195, 199, 205, 206, 208, 209	
fluorene	F0		
C-1 fluorenes	F1	hexachlorobenzene	HCB
C-2 fluorenes	F2		
C-3 fluorenes	F3	alpha hexachlorohexane	HCH
dibenzothiophene	D0	beta hexachlorohexane	
C-1 dibenzothiophenes	D1	lindane	
C-2 dibenzothiophenes	D2		
C-3 dibenzothiophenes	D3	aldrin	aldrin
phenanthrene	P0		
C-1 phenanthrenes/anthracenes	P1	dieldrin	dieldrin
C-2 phenanthrenes/anthracenes	P2		
C-3 phenanthrenes/anthracenes	P3	endosulfane I	endosulfans
C-4 phenanthrenes/anthracenes	P4	endosulfan II	
anthracene	ANT	endosulfan sulfate	
fluoranthene	FLA		
pyrene	PYR	mirex	mirex
C-1 fluoranthenes/pyrenes	C1F		
benz-a-anthracene	BAA	heptachlor	chlordanes
chrysene	C0	heptachlor epoxide	
C-1 chrysenes	C1	oxy-chlordane	
C-2 chrysenes	C2	gamma chlordane	
C-3 chrysenes	C3	alpha chlordane	
C-4 chrysenes	C4	trans-nonachlor	
benzo-b-fluoranthene	BbF	cis-nonachlor	
benzo-k-fluoranthene	BkF	nonachlor III	
benzo-e-pyrene	BEP		
benzo-a-pyrene	BAP	o,p'-DDE	DDT
perylene	PER	p,p'-DDE	
indeno-123-cd-pyrene	IDP	p,p'-DDD	
dibenzo-a,h-anthracene	DBZ	o,p'-DDT	
benzo-g,h,i-perylene	BzP	p,p'-DDT	

Table 2

Polycyclic aromatic hydrocarbon concentrations in low-density polyethylene devices from the Kenai River, 2000-2005. Note: SIN = Sample Identification Number; Sample Description = Location where the sample was obtained; TPAH (ng/device) = sum of PAH analytes eluted from passive samplers; TPAH (ng/g) = sum of PAH analytes per gram of polyethylene membrane. Concentrations are reported in ng/g (parts per billion).

Table 2

SIN	1200607	1503010	1600904	1603310	1200614	1401412	1401712	1401928
Sample Description	21.5 Mile	24 mile	24 Mile	24 Mile	43.5 Mile	43.5 mile	43.5 Mile	43.5 Mile
#Days Deployed	26	27	28	26	27	22	29	30
Month	Apr	Jul	Aor	Jul	Apr	May	Jun	Jul
Year	2001	2004	2005	2005	2001	2003	2003	2003
TPAH (ng/device)	296.32	325.73	114.45	940.56	36.50	66.40	238.17	145.34
TPAH (ng/g)	134.11	147.92	51.98	427.14	16.52	30.05	107.79	65.78
N0	26.13	0.00	0.00	0.00	29.91	45.00	74.95	0.00
N1	8.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	25.88	0.00	10.57	0.00	0.00	0.00	11.87	0.00
N3	47.85	7.24	22.73	11.53	4.73	5.46	13.70	5.02
N4	9.41	41.28	20.01	77.08	0.00	5.63	19.05	18.17
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	6.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	16.64	0.00	0.00	0.00	0.00	0.41	10.83	3.57
F2	0.00	57.94	0.00	47.16	0.00	0.00	19.89	29.25
F3	0.00	59.32	0.00	84.99	0.00	0.00	13.39	23.18
D0	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1	3.83	0.00	0.00	5.55	0.00	0.92	2.47	0.00
D2	4.64	6.08	0.00	0.00	0.00	0.00	1.57	0.00
D3	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	56.45	0.00	30.71	0.00	0.00	0.00	4.87	0.00
P1	30.85	8.75	19.52	31.88	1.86	1.26	19.99	12.35
P2	12.23	72.81	10.92	347.46	0.00	4.17	21.56	26.06
P3	4.98	34.13	0.00	218.74	0.00	0.00	4.65	8.34
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	2.09	0.00	0.00	0.00	0.00	0.00	1.23	0.00
FLA	15.50	0.00	0.00	30.00	0.00	1.34	6.24	4.72
PYR	10.43	22.38	0.00	22.82	0.00	1.38	8.29	9.05
C1F	3.97	15.80	0.00	51.10	0.00	0.82	3.64	4.87
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	3.21	0.00	0.00	12.24	0.00	0.00	0.00	0.75
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1402420	1106522	1200103	1200113	1200403	1200612	1200613	1203106
Sample Description	43.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile
#Days Deployed	28	21	21	25	22	27	27	22
Month	Aug	Sep	Jan	Feb	Mar	Apr	Apr	May
Year	2003	2000	2001	2001	2001	2001	2001	2001
TPAH (ng/device)	179.61	524.37	36.75	55.14	59.15	91.56	72.38	74.57
TPAH (ng/g)	81.28	237.31	16.63	24.95	26.77	41.44	32.76	33.75
N0	0.00	310.46	15.65	4.57	0.00	74.74	49.16	42.75
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.54
N2	0.00	0.00	0.00	5.57	3.09	0.00	3.72	0.00
N3	0.00	16.90	8.84	17.52	19.46	4.34	7.56	7.06
N4	9.89	24.92	0.00	8.87	4.13	0.00	0.00	0.00
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.57	8.00	0.00	0.00	5.56	0.00	0.00	0.00
F2	26.48	46.86	0.00	3.91	7.97	5.57	4.95	6.88
F3	29.69	20.78	0.00	0.00	0.00	0.00	0.00	0.00
D0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D2	3.16	1.50	0.00	0.27	0.00	0.00	0.00	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	0.00	0.00	0.00	0.00	4.13	0.00	0.00	0.00
P1	13.20	16.17	2.21	3.85	4.42	2.44	2.70	2.59
P2	45.78	37.16	2.79	3.89	3.91	3.01	2.78	5.72
P3	18.77	15.06	0.00	1.13	0.00	0.00	0.00	1.19
P4	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	6.89	7.19	4.87	3.25	3.98	0.00	0.00	0.00
PYR	13.41	9.83	2.40	2.30	2.49	1.47	1.52	3.84
C1F	8.40	8.15	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	1.38	0.00	0.00	0.00	0.00	0.00	0.00
C0	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1204206	1204305	1204706	1208006	1208106	1208206	1208336	1301306
Sample Description	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile
#Days Deployed	27	19	23	18	21	21	22	20
Month	Jun	Jul	Aug	Sep	Oct	Feb	Apr	Mar
Year	2001	2001	2001	2000	2001	2002	2002	2002
TPAH (ng/device)	142.62	163.44	95.00	87.12	55.26	62.96	109.07	56.75
TPAH (ng/g)	64.55	73.97	42.99	39.43	25.01	28.49	49.36	25.68
N0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	7.19	7.51	0.00	0.00	0.00	0.00	0.00	0.00
N3	23.18	27.72	14.07	17.23	12.82	0.00	0.00	0.00
N4	6.93	18.14	10.94	12.26	8.00	4.06	0.00	4.02
BPH	0.00	0.00	0.00	0.00	0.00	0.00	3.13	1.81
ACY	0.00	0.00	0.00	0.00	0.00	13.23	11.19	17.27
ACE	0.00	0.00	0.00	0.00	0.00	4.32	10.51	9.05
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	9.83	9.62	4.93	7.07	4.58	0.00	0.00	0.00
F2	27.43	30.82	20.44	22.39	11.24	0.00	0.00	0.00
F3	5.00	14.07	12.80	0.00	0.00	0.00	0.00	0.00
D0	0.00	0.00	0.00	0.00	0.00	6.31	23.31	9.61
D1	0.00	0.00	0.00	0.00	0.00	15.44	29.78	7.66
D2	1.52	0.00	1.31	0.00	0.00	0.00	15.35	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	5.27	4.53	0.00	0.00	0.00	0.00	0.00	0.00
P1	18.30	16.45	9.97	12.76	7.54	0.00	0.00	0.00
P2	18.49	13.67	8.99	9.34	5.88	2.22	0.00	0.00
P3	4.22	4.33	2.49	1.92	2.31	0.00	0.00	0.00
P4	0.00	0.69	0.00	0.00	0.00	0.00	1.45	0.00
ANT	0.00	0.00	0.00	0.00	0.00	5.07	5.31	5.63
FLA	8.38	5.20	3.88	0.00	0.00	5.31	7.12	3.51
PYR	3.24	8.02	2.61	2.58	2.90	2.54	0.00	0.00
C1F	3.64	2.66	2.58	1.57	0.00	0.00	0.00	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	3.05	4.78	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00
C2	0.00	0.00	0.00	0.00	0.00	1.42	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1301405	1302706	1400111	1401411	1401711	1401927	1402417	1402510
Sample Description	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile	44.5 Mile
#Days Deployed	30	34	23	22	29	30	28	31
Month	May	Jun	Feb	May	Jun	Jul	Aug	Sep
Year	2002	2002	2003	2003	2003	2003	2003	2003
TPAH (ng/device)	101.00	283.05	35.20	58.61	286.40	307.41	302.43	367.18
TPAH (ng/g)	45.71	128.10	15.93	26.53	129.61	139.12	136.87	166.17
N0	0.00	0.00	0.00	33.05	216.90	0.00	0.00	9.80
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	0.00	0.00	0.00	13.21	0.00	0.00	13.67
N3	0.00	0.00	11.71	7.47	1.24	24.06	0.00	10.82
N4	0.00	0.00	13.57	9.75	9.64	32.98	37.45	26.12
BPH	0.00	2.03	0.00	0.00	0.00	0.00	0.00	0.00
ACY	13.48	26.39	0.00	0.00	0.00	0.00	0.00	0.00
ACE	4.84	33.39	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.17
F1	0.00	0.00	0.96	0.60	7.39	8.36	3.31	21.26
F2	0.00	0.00	0.00	0.00	0.00	66.98	41.49	49.55
F3	0.00	0.00	0.00	0.00	0.00	41.58	33.75	18.55
D0	13.85	16.99	0.00	0.00	0.00	0.00	3.70	0.00
D1	22.23	54.51	0.00	0.83	0.71	0.75	2.33	4.02
D2	0.00	27.87	0.00	0.00	1.29	3.60	2.49	2.19
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	0.00	2.42	0.00	0.00	3.35	2.10	0.64	18.89
P1	0.00	1.93	1.54	1.54	10.57	27.40	30.20	47.65
P2	1.27	1.92	0.00	2.52	9.91	52.32	72.59	69.13
P3	0.00	4.72	0.00	0.00	1.72	13.88	29.20	31.40
P4	1.61	3.67	0.00	0.00	0.00	0.00	0.00	0.00
ANT	12.04	31.10	0.00	0.00	0.00	1.12	0.00	0.00
FLA	14.88	41.93	1.79	1.55	3.96	10.03	13.72	16.28
PYR	4.04	10.12	5.64	1.30	5.05	12.02	16.50	15.40
C1F	0.00	0.00	0.00	0.00	1.46	10.22	15.02	10.27
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	5.29	12.36	0.00	0.00	0.00	0.00	0.00	0.00
C1	6.80	8.31	0.00	0.00	0.00	0.00	0.00	0.00
C2	2.28	7.44	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1503011	1600911	1603302	1302709	1302710	1208331	1400819	1106524
Sample Description	44.5 Mile	44.5 Mile	44.5 Mile	52 Mile	52 Mile	53 mile	53 Mile	ADF&G Sonar
#Days Deployed	27 days	26	28	33	33	21	22	?
Month	Jul	Aor	Jul	Jun	Jun	Aor	Apr	Sep
Year	2004	2005	2005	2002	2002	2002	2003	2000
TPAH (ng/device)	191.28	61.49	928.88	189.52	620.55	295.51	246.53	511.21
TPAH (ng/g)	86.87	27.93	421.83	85.77	280.84	133.74	111.57	231.36
N0	0.00	0.00	0.00	0.00	0.00	9.31	105.24	237.76
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00
N2	0.00	0.00	0.00	0.00	0.00	18.20	0.57	6.04
N3	9.66	18.78	21.11	0.00	3.94	0.00	21.55	22.32
N4	23.99	18.83	58.22	3.64	30.17	14.26	0.00	17.45
BPH	0.00	0.00	0.00	2.01	15.73	5.68	0.00	0.00
ACY	0.00	0.00	0.00	23.23	172.81	43.43	0.00	0.00
ACE	0.00	0.00	0.00	25.56	111.06	8.43	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.00	0.00	17.37	0.00	0.00	0.00	0.00	7.84
F2	31.38	0.00	88.18	0.00	0.00	0.00	0.00	23.07
F3	0.00	0.00	39.25	0.00	0.00	4.08	0.00	12.95
D0	0.00	0.00	0.00	6.20	20.88	20.39	0.00	0.00
D1	0.00	0.00	6.29	20.33	56.60	31.86	0.00	1.71
D2	0.00	0.00	0.00	7.70	23.92	9.33	0.00	2.50
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
P0	0.00	0.00	0.00	2.83	6.82	2.74	2.21	3.97
P1	18.54	13.11	92.65	3.08	10.21	4.92	14.96	12.40
P2	61.65	10.77	334.76	2.30	8.86	6.91	24.89	18.95
P3	28.26	0.00	154.21	10.80	12.13	15.63	0.00	12.04
P4	0.00	0.00	0.00	3.54	7.25	5.25	0.00	0.00
ANT	0.00	0.00	0.00	20.21	48.07	22.39	0.00	0.00
FLA	0.00	0.00	50.09	21.67	57.59	22.62	14.74	56.22
PYR	9.67	0.00	18.70	4.55	16.81	15.51	16.19	53.50
C1F	8.14	0.00	38.97	0.00	2.97	3.16	5.21	11.81
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	9.07	21.61	19.69	14.35	0.87	6.62
C1	0.00	0.00	0.00	11.57	12.05	11.02	0.00	2.04
C2	0.00	0.00	0.00	4.25	7.31	6.13	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	2.59	1.84	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	39.43	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1200105	1200115	1200610	1203104	1204204	1204704	1208004	1208104
Sample	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G
Description	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar
#Days Deployed	21	25	27	22	26	23	19	21
Month	Jan	Feb	Apr	May	Jun	Aug	Sep	Oct
Year	2001	2001	2001	2001	2001	2001	2001	2001
TPAH (ng/device)	72.70	141.27	188.70	122.89	138.27	37.47	79.45	45.05
TPAH (ng/g)	32.90	63.94	85.40	55.62	62.57	16.96	35.96	20.39
N0	0.00	18.16	21.82	8.06	0.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	7.33	16.86	7.51	4.35	0.00	0.00	0.00	0.00
N3	16.69	30.01	17.39	17.40	21.78	6.28	10.71	12.82
N4	3.88	12.40	5.15	9.40	13.28	0.00	11.93	8.27
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	4.44	5.93	0.00	4.84	7.68	0.00	4.53	0.00
F2	0.00	7.22	16.28	24.65	30.32	10.80	17.72	9.70
F3	0.00	0.00	6.88	0.00	3.81	0.00	11.19	0.00
D0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1	1.31	2.06	2.70	1.24	0.00	0.00	0.00	0.00
D2	1.83	2.16	7.06	1.40	1.75	0.00	0.00	0.00
D3	0.00	1.32	2.41	0.00	0.00	0.00	0.00	0.00
P0	5.23	7.88	8.10	5.17	0.00	0.00	0.00	0.00
P1	8.02	7.11	14.28	8.41	14.80	6.13	7.54	6.33
P2	8.92	10.43	21.27	10.94	17.77	6.93	8.07	5.01
P3	2.58	7.15	10.97	3.69	3.83	2.20	1.90	0.00
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	6.94	4.46	13.08	6.79	6.30	0.00	0.00	0.00
PYR	0.00	4.01	9.09	6.99	6.52	3.15	3.70	2.93
C1F	2.54	2.25	5.24	2.37	4.40	1.98	2.16	0.00
BAA	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00
C0	3.00	0.00	4.62	3.03	0.00	0.00	0.00	0.00
C1	0.00	0.00	2.25	1.68	0.00	0.00	0.00	0.00
C2	0.00	1.87	2.62	2.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	9.99	0.00	6.01	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1208204	1208310	1301304	1301403	1302704	1302814	1304107	1304304
Sample	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G
Description	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar
#Days Deployed	27	23	20	30	33	33	26	35
Month	Feb	Apr	Mar	May	Jun	Jul	Aug	Sep
Year	2002	2002	2002	2002	2002	2002	2002	2002
TPAH (ng/device)	193.71	297.05	124.69	199.82	150.90	607.85	287.06	121.03
TPAH (ng/g)	90.45	134.44	56.43	106.22	77.12	279.84	133.33	58.49
N0	0.00	27.56	4.99	0.00	0.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N3	0.00	5.22	0.00	0.00	0.00	0.00	0.00	0.00
N4	8.92	39.08	8.41	0.00	0.00	0.00	0.00	0.00
BPH	0.00	5.06	3.86	4.88	1.65	0.00	0.00	0.00
ACY	22.70	54.04	28.70	26.55	18.21	14.27	11.23	4.96
ACE	5.62	16.10	9.14	8.34	22.58	71.51	40.43	18.69
F0	0.00	11.54	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3	0.00	23.09	0.00	0.00	0.00	0.00	0.00	0.00
D0	14.68	40.80	9.15	22.03	12.42	10.25	9.74	7.79
D1	40.76	22.91	10.67	32.68	26.81	109.02	45.88	23.51
D2	14.42	9.67	0.00	8.02	12.14	110.97	26.30	6.63
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	1.46	0.00	0.00	2.10	1.30	1.52	1.30	0.00
P1	0.00	1.50	2.32	2.83	2.70	8.00	2.76	0.00
P2	2.89	2.70	3.38	4.81	2.11	9.64	4.77	2.33
P3	4.16	8.15	5.63	8.87	0.00	0.00	0.00	0.00
P4	3.13	1.66	1.98	4.53	1.82	3.53	1.91	1.40
ANT	16.10	9.32	11.13	17.25	14.41	21.18	14.58	9.79
FLA	19.19	8.71	10.80	18.60	17.95	111.17	55.84	17.87
PYR	9.67	6.43	5.77	15.21	6.04	59.02	20.41	7.79
C1F	0.00	1.34	1.31	1.48	0.00	6.02	1.83	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	15.99	7.07	5.78	10.09	6.34	9.07	7.95	6.14
C1	7.36	3.42	2.17	13.42	4.83	32.02	18.72	11.29
C2	7.16	3.63	3.30	4.17	3.05	27.90	13.35	4.25
C3	0.96	0.00	0.00	1.60	0.00	0.00	0.61	0.00
C4	1.67	0.00	2.05	1.75	0.00	3.53	4.61	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	2.74	2.25	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	4.49	0.00

SIN	1304404	1304604	1400109	1401920	1402413	1402511	1503004	1600910
Sample	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G	ADF&G
Description	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar
#Days Deployed	32	33	23	30	28	31	29	28
Month	Oct	Nov	Feb	Jul	Aug	Sep	Jul	Apr
Year	2002	2002	2003	2003	2003	2003	2004	2005
TPAH (ng/device)	75.23	220.22	177.98	464.71	501.79	683.50	1118.60	62.77
TPAH (ng/g)	34.05	99.66	80.55	210.31	227.10	309.33	507.99	28.51
N0	12.72	37.53	21.30	0.00	3.76	1.60	0.00	0.00
N1	0.00	5.29	0.71	0.00	0.00	0.00	0.00	0.00
N2	0.00	16.35	10.85	0.00	0.00	42.19	0.00	0.00
N3	0.00	49.89	23.09	18.92	0.00	100.66	10.00	20.75
N4	0.00	33.78	14.48	58.16	49.02	89.43	93.58	19.47
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00
F0	0.00	0.10	0.00	0.00	0.00	15.94	0.00	0.00
F1	5.05	10.05	4.22	5.61	2.88	35.53	0.00	0.00
F2	12.01	0.00	23.35	80.74	67.93	65.54	95.91	0.00
F3	0.00	0.00	0.00	84.95	113.09	24.11	230.55	0.00
D0	0.00	0.00	0.00	0.00	0.00	13.13	0.00	0.00
D1	2.41	3.50	2.30	1.47	2.96	13.12	7.79	0.00
D2	0.00	0.00	8.00	6.38	5.39	10.77	8.33	0.00
D3	0.00	0.00	7.27	0.00	0.00	0.00	14.46	0.00
P0	2.75	5.80	1.67	0.76	0.00	61.72	0.00	0.00
P1	7.73	16.39	10.35	26.93	11.33	69.09	18.76	12.06
P2	12.13	12.77	14.63	87.51	113.79	59.30	197.81	10.49
P3	0.00	0.00	6.22	31.20	60.31	27.07	172.20	0.00
P4	0.00	0.00	0.00	0.00	0.00	1.01	9.21	0.00
ANT	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00
FLA	7.22	10.10	7.58	10.38	8.05	17.94	0.00	0.00
PYR	11.67	13.50	12.30	27.10	28.76	22.24	122.39	0.00
C1F	0.00	3.83	3.51	17.15	27.47	11.21	84.59	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	1.54	1.34	3.09	2.92	2.97	1.42	19.48	0.00
C1	0.00	0.00	0.00	4.52	4.08	0.00	26.33	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	7.21	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1603305	1400103	1400104	1400106	1400107	1400204	1400205	1400206
Sample	ADF&G	Airport S.	Airport N.	Airport N.	Airport S.	Airport S.	Airport N.	Airport N.
Description	Sonar	Fork #1	Fork #1	Fork #2	Fork #2	Fork #1	Fork #1	Fork #2
#Days Deployed	26	23	23	23	23	23	23	23
Month	Jul	Feb	Feb	Feb	Feb	Mar	Mar	Mar
Year	2005	2003	2003	2003	2003	2003	2003	2003
TPAH (ng/device)	817.39	25445.62	4515.23	6898.14	5721.70	3603.68	852.10	1091.07
TPAH (ng/g)	371.20	11515.94	2043.46	3121.90	2589.47	1630.92	385.63	493.79
N0	0.00	7.78	38.25	66.18	1.21	73.57	56.26	90.10
N1	0.00	20.23	41.03	30.23	3.06	6.44	0.00	0.00
N2	0.00	204.86	170.67	185.06	75.05	33.93	6.60	8.17
N3	0.00	788.11	299.92	619.73	262.98	133.15	23.68	60.94
N4	98.89	770.35	213.17	447.79	245.48	77.32	0.00	59.52
BPH	0.00	4.78	3.86	2.76	0.00	0.00	0.00	0.00
ACY	0.00	3.86	5.40	0.99	0.23	0.00	0.00	0.00
ACE	0.00	131.00	19.70	23.37	2.09	6.77	3.92	1.75
F0	0.00	286.19	44.99	56.73	13.21	22.22	8.40	5.10
F1	0.00	218.37	77.92	133.98	50.22	33.26	8.47	15.71
F2	59.37	455.72	164.19	269.61	137.89	78.06	30.05	33.59
F3	64.37	630.53	200.45	228.79	267.10	89.75	0.00	30.04
D0	0.00	321.04	42.40	51.83	35.34	34.27	7.47	7.27
D1	7.43	433.11	122.06	151.24	194.89	53.02	18.78	21.17
D2	0.00	802.14	260.45	309.08	385.75	110.49	39.35	44.43
D3	6.77	443.39	157.36	174.36	251.62	86.28	39.71	27.38
P0	0.00	3405.13	259.13	535.07	215.31	453.20	67.35	82.65
P1	8.00	2102.04	492.88	723.32	707.31	254.09	76.21	94.37
P2	181.17	1767.06	530.65	701.68	880.50	272.14	113.68	104.65
P3	229.66	992.61	340.87	351.55	525.11	145.47	101.97	75.95
P4	0.00	0.00	48.93	32.23	87.00	0.00	0.00	0.00
ANT	0.00	587.90	16.44	37.07	8.22	18.49	3.70	3.62
FLA	0.00	4053.21	204.80	627.25	270.54	640.11	70.89	125.97
PYR	74.17	3089.34	237.72	516.14	276.83	524.19	71.63	108.32
C1F	57.81	804.38	123.79	167.06	137.64	107.25	29.00	24.46
BAA	6.12	689.89	19.45	33.93	24.86	41.01	4.25	2.79
C0	14.15	979.57	111.60	191.69	202.72	137.28	25.87	26.65
C1	6.52	474.91	154.49	126.33	241.12	62.02	29.61	16.26
C2	0.00	122.40	75.15	33.02	141.06	16.14	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	276.55	9.78	15.48	16.63	40.15	6.25	4.62
BkF	0.00	156.88	7.18	13.40	12.01	27.82	3.58	2.26
BEP	0.00	169.29	17.57	26.16	37.55	5.88	0.00	0.00
BAP	0.00	120.77	0.00	0.00	0.00	10.58	0.00	0.00
PER	0.00	28.25	0.00	12.47	4.89	9.34	5.40	13.34
IDP	0.00	57.55	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	2.96		2.56	6.25	0.00	0.00	0.00	0.00

Table 2

SIN	1400207	1400208	1400837	1400838	1401403	1401404	1401406	1401407
Sample Description	Airport Fork #3	Airport S. Fork #2	Airport S. Fork #1	Airport S. Fork #1	Airport S. Fork #1	Airport N. Fork #1	Airport N. Fork #2	Airport Fork #3
#Days Deployed	23	23	46	46	22	22	22	22
Month	Mar	Mar	Apr	Apr	May	May	May	May
Year	2003	2003	2003	2003	2003	2003	2003	2003
TPAH (ng/device)	374.09	504.28	4871.30	1895.53	2859.35	536.66	630.49	2426.50
TPAH (ng/g)	169.30	228.22	2204.61	857.86	1294.06	242.88	285.34	1098.16
N0	37.18	103.21	8.11	7.71	101.43	71.37	41.22	84.43
N1	0.00	0.00	0.00	5.48	1.06	0.00	0.00	95.72
N2	0.00	0.00	4.19	111.47	5.96	0.00	19.42	546.93
N3	19.50	35.47	94.83	118.58	56.33	6.57	68.75	825.79
N4	34.88	14.72	145.05	57.49	66.61	0.00	19.24	171.96
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.91
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	1.14	0.00	0.00	3.01	0.00	0.00	0.00	14.84
F1	6.71	7.83	21.10	19.37	14.25	2.14	12.40	33.60
F2	19.02	0.00	86.32	45.56	47.80	0.00	20.91	91.61
F3	0.00	0.00	136.93	0.00	82.20	0.00	18.88	89.22
D0	2.03	3.14	10.09	7.59	7.00	0.00	5.73	4.28
D1	6.54	16.36	78.78	39.09	58.00	10.42	13.72	31.39
D2	11.03	26.63	252.60	126.55	140.76	35.31	23.43	92.91
D3	7.62	14.06	172.18	118.06	99.46	48.58	15.95	71.08
P0	31.79	29.85	188.02	62.53	106.92	10.19	31.27	26.16
P1	35.78	52.49	344.45	154.59	221.32	40.14	45.06	42.28
P2	33.25	55.06	500.57	257.86	297.59	64.40	50.04	66.33
P3	8.46	25.92	336.72	184.35	168.44	32.80	26.31	25.60
P4	0.00	0.00	24.08	14.49	36.34	3.24	4.17	2.90
ANT	0.00	0.00	7.71	3.39	2.64	7.41	1.86	0.00
FLA	44.67	46.98	803.85	119.34	429.97	36.51	63.92	24.81
PYR	47.14	38.93	745.91	143.11	313.59	46.01	48.77	21.95
C1F	7.69	10.47	194.63	66.82	90.61	20.30	12.26	6.36
BAA	0.00	0.00	30.69	2.51	8.88	0.00	0.00	0.00
C0	4.52	15.00	225.38	62.90	173.32	33.52	30.24	3.40
C1	3.05	8.17	159.00	85.84	119.65	16.60	19.46	0.00
C2	0.00	0.00	62.67	27.47	34.63	18.22	0.00	0.00
C3	0.00	0.00	0.00	0.00	2.44	7.06	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	58.00	12.18	46.81	0.00	6.82	0.00
BkF	0.00	0.00	60.71	6.16	24.66	0.00	0.00	0.00
BEP	0.00	0.00	77.15	15.41	37.38	0.00	2.66	0.00
BAP	0.00	0.00	8.68	4.16	11.47	0.00	0.00	0.00
PER	12.08	0.00	21.87	9.73	43.68	25.86	28.01	37.56
IDP	0.00	0.00	4.34	0.00	3.10	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	6.70	2.74	5.04	0.00	0.00	0.00

Table 2

SIN	1401408	1401704	1401705	1401706	1401707	1401708	1401907	1401908
Sample	Airport S.	Airport S.	Airport N.	Airport	Airport N.	Airport S.	Airport S.	Airport N.
Description	Fork #2	Fork #1	Fork #1	Fork #3	Fork #2	Fork #2	Fork #1	Fork #1
#Days Deployed	22	29	28	29	29	29	30	30
Month	May	Jun	Jun	Jun	Jun	Jun	Jul	Jul
Year	2003	2003	2003	2003	2003	2003	2003	2003
TPAH (ng/device)	437.19	1951.27	6303.92	586.95	1234.52	2267.25	2900.54	760.27
TPAH (ng/g)	197.86	883.09	2852.97	265.64	558.71	1026.09	1312.70	344.08
N0	18.84	198.74	21.28	42.59	97.35	32.35	20.76	2.38
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	17.68	15.73	72.02	25.03	23.28	15.90	0.00
N3	28.74	34.89	74.97	94.55	38.43	39.33	53.47	3.72
N4	19.41	60.75	131.32	35.12	26.33	51.49	98.03	28.80
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.23	0.36	0.00	8.47	0.00	0.00
F0	0.00	0.66	6.13	5.38	2.34	14.17	5.95	0.00
F1	8.22	16.81	29.06	11.55	16.46	15.99	33.23	9.38
F2	13.05	41.15	116.87	19.66	26.15	52.63	93.94	23.19
F3	25.38	89.19	255.49	17.98	47.19	203.29	129.10	34.16
D0	2.72	10.09	27.99	4.08	10.50	44.86	10.80	5.17
D1	15.36	50.35	138.56	7.25	30.79	143.14	42.45	16.34
D2	27.04	121.43	329.20	17.34	56.74	200.13	108.57	36.81
D3	16.51	112.01	231.42	11.60	36.69	98.74	81.67	38.55
P0	18.84	50.46	310.41	24.09	66.00	210.70	77.53	25.11
P1	55.99	152.63	493.29	24.85	103.69	319.02	185.43	63.69
P2	62.35	235.66	644.26	23.40	113.93	303.70	276.21	93.79
P3	21.79	137.31	326.40	7.48	53.19	101.91	157.57	57.73
P4	3.91	34.54	84.04	0.00	13.17	16.04	14.77	7.61
ANT	0.00	0.00	9.20	2.07	0.00	4.43	0.00	0.00
FLA	22.86	98.77	999.33	29.64	138.69	105.41	383.83	60.35
PYR	19.21	136.80	704.14	30.76	106.32	99.25	340.50	75.50
C1F	7.95	65.94	212.82	6.76	27.70	30.99	96.10	30.39
BAA	0.00	1.00	25.35	0.00	0.00	0.00	35.28	0.00
C0	19.30	80.98	372.99	2.27	58.98	72.05	230.47	49.43
C1	14.33	94.38	208.94	0.00	38.72	46.14	108.28	40.79
C2	4.03	29.35	62.97	0.00	9.74	11.73	30.15	13.19
C3	0.00	2.71	4.20	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	13.44	115.84	0.00	13.96	4.98	58.85	8.02
BkF	0.00	7.76	104.34	0.00	6.42	3.48	37.95	1.95
BEP	0.00	18.89	104.99	0.00	5.61	5.85	69.33	8.07
BAP	0.00	4.18	15.32	0.00	0.00	0.00	18.69	0.00
PER	11.34	32.70	103.03	96.16	63.18	3.72	76.25	26.16
IDP	0.00	0.00	8.97	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	12.93	0.00	1.23	0.00	9.48	0.00

Table 2

SIN	1401909	1401910	1401911	1402404	1402405	1402406	1402407	1402408
Sample Description	Airport Fork #3	Airport N. Fork #2	Airport S. Fork #2	Airport S. Fork #1	Airport N. Fork #1	Airport Fork #3	Airport N. Fork #2	Airport S. Fork #2
#Days Deployed	30	30	30	28	28	28	28	28
Month	Jul	Jul	Jul	Aug	Aug	Aug	Aug	Aug
Year	2003	2003	2003	2003	2003	2003	2003	2003
TPAH (ng/device)	535.44	707.81	1732.72	7164.89	1102.66	324.86	684.60	1111.02
TPAH (ng/g)	242.33	320.33	784.18	3242.62	499.03	147.02	309.83	502.82
N0	7.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	37.75	15.82	0.00	34.93	0.00	0.00	0.00	0.00
N3	81.33	45.21	13.38	635.03	12.09	39.18	18.67	3.94
N4	38.47	40.99	28.34	642.60	47.46	29.90	43.78	27.06
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	27.66	0.00	0.00	0.00	0.00	0.00
F0	0.89	1.09	49.18	8.05	0.00	2.24	1.15	1.12
F1	11.90	18.19	16.35	152.77	21.02	10.89	17.03	13.17
F2	23.90	29.81	27.72	390.74	50.61	17.97	30.38	33.15
F3	20.24	26.31	67.07	348.98	63.76	15.81	25.74	97.30
D0	2.46	6.95	50.42	48.43	6.72	2.92	8.67	20.06
D1	5.77	16.83	62.17	257.98	29.74	7.01	20.35	60.80
D2	11.42	27.16	82.05	431.71	68.08	11.74	34.49	86.63
D3	7.90	17.95	40.43	316.82	60.45	9.01	20.87	48.56
P0	29.76	31.64	405.75	248.12	36.61	22.14	51.84	97.68
P1	26.53	61.08	165.87	676.97	113.41	29.47	71.10	170.82
P2	24.85	63.88	130.83	761.05	155.92	22.43	70.58	154.60
P3	0.00	31.13	50.24	350.78	88.40	10.04	34.81	52.22
P4	0.00	1.63	2.88	82.00	23.67	0.00	1.85	3.65
ANT	0.00	0.00	15.46	8.90	0.00	0.00	0.00	0.00
FLA	40.30	78.55	224.26	556.09	54.29	21.40	74.39	84.80
PYR	33.93	61.40	152.69	449.96	80.80	20.88	61.62	68.83
C1F	7.97	15.84	23.15	145.10	37.79	5.42	14.63	16.91
BAA	0.00	0.00	0.00	8.53	3.93	0.00	0.00	0.00
C0	5.21	32.27	51.17	192.45	46.05	4.59	31.35	43.47
C1	5.01	20.28	22.90	123.16	41.33	3.06	16.52	21.99
C2	0.00	5.34	4.52	36.36	12.17	0.00	4.46	4.28
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	6.13	6.62	88.35	12.07	0.00	0.00	0.00
BkF	0.00	2.84	0.00	32.34	0.00	0.00	0.00	0.00
BEP	0.00	6.05	4.71	65.65	5.98	0.00	0.00	0.00
BAP	0.00	0.00	0.00	16.22	0.00	0.00	0.00	0.00
PER	112.54	43.43	6.88	42.34	30.30	38.74	30.31	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	12.49	0.00	0.00	0.00	0.00

Table 2

SIN	1402504	1402505	1402506	1402507	1402508	1402704	1402705	1402806
Sample Description	Airport S. Fork #1	Airport N. Fork #1	Airport Fork #3	Airport N. Fork #2	Airport S. Fork #2	Airport S. Fork #1	Airport N. Fork #1	Airport N. Fork #1
#Days Deployed	31	31	31	31	31	28	28	22
Month	Sep	Sep	Sep	Sep	Sep	Dec	Dec	Jan
Year	2003	2003	2003	2003	2003	2003	2003	2004
TPAH (ng/device)	2794.86	769.61	238.48	473.36	1225.29	559.23	342.37	1234.31
TPAH (ng/g)	1264.87	348.30	107.93	214.23	554.53	253.09	154.95	558.61
N0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
N2	0.00	0.00	0.00	0.00	18.55	58.72	43.31	212.05
N3	46.28	6.27	33.76	16.82	23.31	86.70	27.10	378.71
N4	94.30	22.74	22.86	23.48	41.59	71.95	13.53	154.85
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.71	0.43	4.85
F0	0.00	0.00	1.28	0.00	2.74	4.06	4.40	21.48
F1	17.28	8.80	8.04	9.20	12.05	16.95	10.36	53.13
F2	67.64	15.19	9.73	9.94	39.97	20.97	11.48	57.60
F3	90.61	26.73	0.00	0.00	90.77	0.00	0.00	0.00
D0	11.71	7.96	6.22	9.62	26.68	8.15	7.94	14.84
D1	76.45	21.87	5.32	13.77	72.26	13.24	9.19	16.04
D2	175.58	51.93	9.18	20.23	110.88	21.84	17.69	20.56
D3	141.98	53.92	7.18	13.27	67.62	15.30	14.92	13.79
P0	75.78	25.85	17.83	29.53	99.60	28.34	22.48	97.26
P1	244.53	73.81	19.61	38.37	93.60	38.15	23.98	57.80
P2	338.81	98.52	15.51	37.00	150.08	45.44	31.19	35.41
P3	202.03	70.76	6.32	22.95	82.56	29.35	19.21	18.36
P4	27.42	13.95	0.00	1.57	9.43	1.92	2.96	2.65
ANT	2.37	0.00	0.00	2.00	0.00	2.57	1.85	0.00
FLA	346.44	51.31	18.79	68.11	88.64	23.04	18.18	20.53
PYR	292.25	72.38	17.65	56.54	73.86	30.57	19.84	22.21
C1F	92.06	29.19	3.44	12.65	20.97	10.69	7.10	7.09
BAA	2.25	0.26	0.00	1.28	0.00	0.00	0.00	0.00
C0	174.11	39.22	0.00	24.65	47.92	9.70	7.23	4.39
C1	89.45	33.75	0.92	10.35	32.40	7.57	6.92	5.87
C2	25.70	11.23	1.13	2.99	8.11	2.26	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	44.00	7.51	0.00	11.33	7.37	0.00	0.00	0.00
BkF	20.98	1.98	0.00	0.00	1.84	0.00	0.00	0.00
BEP	30.93	5.82	0.00	3.85	2.51	0.00	0.00	0.00
BAP	5.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	52.26	18.66	33.70	33.87	0.00	11.04	21.08	14.71
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	6.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1402807	1402902	1402904	1402906	1402907	1402908	1500104	1500105
Sample	Airport S.	Airport S.	Airport N.	Airport S.	Airport N.	Airpot N.	Airport S.	Airport N.
Description	Fork #1	Fork # 1	Fork # 1	Fork # 2	Fork # 2	Fork # 3	Fork # 1	Fork # 1
#Days Deployed	22	27	27	27	27	27	26	26
Month	January	February	February	February	February	February	March	March
Year	2004	2004	2004	2004	2004	2004	2004	2004
TPAH (ng/device)	1131.06	5563.21	1386.90	278.40	84.79	226.24	11966.26	2421.59
TPAH (ng/g)	511.88	2526.44	629.84	126.43	38.51	102.74	5434.27	1099.72
N0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N1	0.00	45.84	0.00	0.00	0.00	0.00	28.67	0.00
N2	146.71	638.34	114.77	21.63	0.00	53.51	331.80	70.92
N3	358.92	1035.87	165.74	42.11	22.53	62.91	689.62	134.62
N4	160.19	497.12	99.73	20.84	10.89	28.73	599.74	113.72
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	4.34	0.00	0.00	0.00	0.00	0.00	0.00
ACE	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	12.94	49.40	0.00	0.00	0.00	0.00	56.98	0.00
F1	47.30	113.99	25.86	0.00	0.00	0.00	174.90	36.60
F2	61.63	205.97	52.05	0.00	0.00	0.00	466.46	83.96
F3	16.73	115.34	37.19	0.00	0.00	0.00	443.95	64.74
D0	10.75	46.50	12.89	0.00	0.00	0.00	113.80	19.33
D1	17.87	146.42	43.35	9.92	0.00	0.00	467.60	86.30
D2	21.08	228.45	75.27	16.17	0.00	0.00	774.75	158.36
D3	10.74	125.87	44.58	9.15	0.00	0.00	456.14	110.45
P0	67.25	219.05	69.43	34.10	0.00	32.16	685.93	115.06
P1	64.66	565.71	161.01	33.98	13.78	12.12	1685.56	315.26
P2	30.75	563.18	180.59	33.01	10.92	7.63	1796.12	394.02
P3	15.75	281.60	90.81	15.10	5.24	0.00	796.97	193.88
P4	1.14	57.96	19.15	0.00	0.00	0.00	169.84	24.87
ANT	0.00	5.16	0.00	0.00	0.00	0.00	16.45	0.00
FLA	23.34	112.40	36.82	17.59	12.02	0.00	497.89	76.84
PYR	27.00	176.77	58.68	14.17	9.41	5.43	614.19	127.16
C1F	7.88	77.53	27.21	0.00	0.00	0.00	243.59	62.43
BAA	0.00	0.00	0.00	0.00	0.00	0.00	15.24	0.00
C0	7.36	98.77	34.24	10.62	0.00	0.00	311.99	87.23
C1	5.62	102.15	37.53	0.00	0.00	0.00	311.59	100.24
C2	0.00	37.74	0.00	0.00	0.00	0.00	96.48	35.16
C3	0.00	11.77	0.00	0.00	0.00	0.00	37.69	10.42
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	25.46	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	13.03	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	43.82	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	12.55	0.00	0.00	0.00	0.00	23.75	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1500106	1500107	1500108	1500504	1500505	1500506	1500507	1500508
Sample	Airport N.	Airpot N.	Airport S.	Airport S.	Airport N.	Airport N.	Airport N.	Airport S.
Description	Fork # 2	Fork # 3	Fork # 2	Fork # 1	Fork # 1	Fork # 2	Fork # 3	Fork # 2
#Days Deployed	26	26	26	30	30	30	30	30
Month	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr
Year	2004	2004	2004	2004	2004	2004	2004	2004
TPAH (ng/device)	126.53	67.97	722.22	12586.30	3225.92	3334.97	411.63	1961.48
TPAH (ng/g)	57.46	30.87	327.98	5715.85	1464.99	1514.52	186.94	890.77
N0	0.00	0.00	0.00	0.00	0.00	41.34	0.00	0.00
N1	0.00	0.00	0.00	0.00	52.17	168.15	0.00	0.00
N2	12.43	21.65	41.77	103.02	208.31	615.29	32.91	30.00
N3	25.94	19.35	51.56	569.35	217.34	538.11	42.27	96.08
N4	14.40	11.14	38.47	611.97	140.88	237.92	17.50	93.41
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	18.22	19.08	36.38	0.00	0.00
F1	0.00	0.00	0.00	120.58	42.76	77.45	0.00	19.33
F2	0.00	0.00	33.69	369.17	106.12	124.25	23.84	62.32
F3	0.00	0.00	0.00	234.57	97.69	53.35	0.00	0.00
D0	0.00	0.00	11.77	53.82	24.79	25.21	5.24	11.55
D1	0.00	0.00	34.21	361.60	94.77	68.25	11.35	89.52
D2	7.47	0.00	50.30	665.50	181.48	100.64	20.31	152.91
D3	6.76	0.00	30.47	444.51	140.59	67.67	13.96	87.55
P0	0.00	0.00	60.12	740.97	184.75	189.12	43.47	87.21
P1	16.59	9.83	122.74	1301.75	339.35	257.64	50.43	318.84
P2	17.41	5.98	118.94	1484.63	428.60	263.05	45.07	375.20
P3	6.22	0.00	54.47	730.50	239.23	118.51	22.81	156.77
P4	0.00	0.00	4.73	84.75	27.99	6.55	0.00	17.50
ANT	0.00	0.00	0.00	26.70	0.00	0.00	0.00	0.00
FLA	11.03	0.00	19.48	1746.15	125.79	110.47	23.75	73.39
PYR	8.28	0.00	23.01	1402.44	162.21	92.75	23.97	74.80
C1F	0.00	0.00	11.55	281.12	66.84	30.46	7.27	32.65
BAA	0.00	0.00	0.00	70.88	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	532.73	113.98	65.82	17.15	94.16
C1	0.00	0.00	14.95	331.99	117.03	35.62	10.31	65.61
C2	0.00	0.00	0.00	131.34	50.66	10.97	0.00	22.68
C3	0.00	0.00	0.00	0.00	17.83	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	44.74	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	40.22	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	66.95	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	16.14	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	25.67	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1106518	1200102	1200112	1200402	1200604	1200605	1203102	1204202
Sample	Airport	Airport	Airport	Airport	Airport	Airport	Airport	Airport
Description	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
#Days Deployed	?	21	25	21	26	26	22	26
Month	Sep	Jan	Feb	Mar	Apr	Apr	May	Jun
Year	2000	2001	2001	2001	2001	2001	2001	2001
TPAH (ng/device)	2391.09	4039.99	9259.46	10378.31	6413.61	5415.19	1165.59	1481.60
TPAH (ng/g)	1082.14	1828.38	4190.56	4696.92	2902.61	2450.75	527.51	670.53
N0	232.54	7.22	9.07	0.00	28.69	11.14	11.63	0.00
N1	0.00	5.64	82.85	42.04	0.00	0.00	0.00	0.00
N2	33.26	156.18	501.73	382.85	46.18	42.77	19.55	24.59
N3	245.49	454.33	1355.98	1257.07	378.73	356.25	86.60	93.17
N4	208.74	329.83	831.72	802.25	429.34	257.25	79.29	44.11
BPH	0.00	0.00	7.88	4.58	0.00	0.00	0.00	0.00
ACY	0.00	0.00	8.70	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	11.24	21.47	0.00	0.00	0.00	0.00
F0	4.12	12.42	76.84	74.15	4.88	4.81	0.00	0.00
F1	47.26	86.88	280.91	237.05	50.53	46.53	16.54	18.81
F2	120.39	190.89	521.80	341.48	206.34	167.68	33.67	43.76
F3	102.44	111.13	440.36	401.85	139.60	115.25	49.72	13.52
D0	7.18	13.51	63.27	64.95	8.70	9.86	1.62	6.61
D1	38.77	91.22	199.29	217.35	149.48	138.62	12.38	29.76
D2	63.88	161.84	288.77	345.25	324.24	245.13	30.68	55.60
D3	44.61	131.16	212.14	252.27	250.78	211.46	38.22	49.53
P0	58.72	152.87	454.09	774.22	176.72	188.31	23.73	40.23
P1	245.72	500.60	1017.82	1151.17	748.08	678.04	79.09	134.86
P2	289.12	513.13	919.94	1066.85	850.49	696.92	123.54	180.55
P3	163.04	258.43	423.46	453.10	411.10	349.50	85.72	101.61
P4	40.38	33.59	79.59	109.33	91.75	55.41	17.04	36.00
ANT	2.88	2.89	7.39	11.22	3.18	3.35	0.00	1.70
FLA	61.66	150.36	226.34	624.16	549.30	471.14	57.10	54.87
PYR	107.60	251.19	372.96	583.37	587.68	520.47	103.22	115.03
C1F	65.03	145.73	228.54	256.86	253.16	218.87	49.25	68.71
BAA	2.95	8.22	29.76	34.12	19.83	13.53	1.65	5.21
C0	71.06	112.60	188.02	285.96	275.22	234.98	72.32	100.67
C1	37.38	72.54	173.88	205.73	150.38	134.30	48.86	68.57
C2	21.28	41.85	105.98	157.68	84.60	73.92	30.79	51.88
C3	0.00	5.26	17.50	34.96	16.86	12.91	5.94	9.23
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	11.96	6.90	23.51	45.04	33.30	25.60	18.37	25.25
BkF	0.00	3.65	10.52	24.24	21.19	15.79	0.00	0.00
BEP	15.51	12.25	44.71	62.44	49.81	48.37	17.63	33.51
BAP	0.00	5.44	13.40	16.49	15.25	10.51	8.41	0.00
PER	41.56	10.22	23.50	22.76	44.32	46.63	43.04	74.29
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	6.55	0.00	6.00	14.00	13.89	9.89	0.00	0.00

Table 2

SIN	1204301	1204702	1208002	1208102	1208202	1301302	1301401	1302702
Sample	Airport	Airport	Airport	Airport	Airport	Airport	Airport	Airport
Description	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
#Days Deployed	20	23	19	21	21	20	30	33
Month	Jul	Aug	Sep	Oct	Feb	Mar	May	Jun
Year	2001	2001	2001	2001	2002	2002	2002	2002
TPAH (ng/device)	3420.14	2789.38	1563.07	2149.51	6465.29	9724.96	2438.99	1824.54
TPAH (ng/g)	1547.86	1262.39	707.40	972.80	2931.23	4409.58	1153.03	879.76
N0	0.00	0.00	0.00	0.00	139.46	5.62	8.79	0.00
N1	0.00	0.00	0.00	0.00	0.00	37.05	0.00	0.00
N2	16.94	21.27	12.28	46.75	0.00	32.42	0.00	0.00
N3	195.19	220.85	99.49	168.89	23.03	88.83	0.00	0.00
N4	222.94	206.68	96.57	128.66	122.00	344.51	18.50	4.46
BPH	0.00	0.00	0.00	0.00	73.12	140.48	16.71	12.13
ACY	0.00	0.00	0.00	0.00	465.31	867.91	107.67	77.71
ACE	0.00	0.00	0.00	0.00	423.29	341.00	71.51	120.92
F0	0.00	0.00	0.00	8.99	0.00	14.54	0.00	0.00
F1	47.68	50.21	29.81	50.02	0.00	4.87	0.00	0.00
F2	168.22	129.98	64.16	88.86	4.57	8.64	0.00	0.00
F3	158.49	98.85	60.59	73.16	117.03	87.17	8.48	0.00
D0	4.43	6.39	4.14	9.04	432.81	261.60	35.33	19.86
D1	49.21	59.37	32.21	48.53	843.55	565.86	81.27	58.19
D2	120.78	117.90	64.80	85.76	395.60	307.57	120.90	41.80
D3	112.04	105.52	61.85	71.57	14.51	102.71	6.97	5.21
P0	36.11	43.69	36.94	100.67	76.23	369.26	48.96	51.13
P1	327.15	296.19	181.54	301.86	171.09	603.68	138.94	131.75
P2	479.26	387.42	222.47	309.83	173.50	467.64	149.92	135.64
P3	269.34	188.45	127.67	162.55	157.59	517.99	55.13	23.38
P4	64.67	43.29	33.08	24.73	148.00	292.72	52.68	35.45
ANT	0.00	0.00	0.00	0.00	650.09	1287.80	228.44	167.42
FLA	91.40	56.55	40.99	63.70	894.40	1354.04	372.90	257.31
PYR	190.05	120.13	80.02	111.97	541.47	696.62	270.54	155.94
C1F	127.51	86.75	56.22	55.26	122.50	124.50	81.02	36.20
BAA	7.51	4.30	5.25	0.00	4.92	11.19	2.26	0.00
C0	213.76	156.24	90.09	111.55	99.67	202.87	73.24	49.33
C1	193.82	107.01	56.83	55.91	112.47	289.74	128.39	105.45
C2	132.94	70.58	37.23	28.72	162.45	252.20	113.59	81.66
C3	23.77	13.59	6.75	0.00	10.71	15.48	7.56	3.24
C4	0.00	0.00	0.00	0.00	91.46	167.74	96.29	93.50
BbF	38.21	40.78	17.20	16.48	118.51	187.32	101.73	85.67
BkF	0.00	0.00	0.00	0.00	71.10	111.66	58.22	51.42
BEP	51.17	54.07	18.18	13.10	9.52	17.36	4.59	6.25
BAP	13.39	10.13	0.00	0.00	0.00	0.00	0.00	0.00
PER	55.97	86.57	26.71	12.93	10.98	21.12	12.63	14.44
IDP	0.00	0.00	0.00	0.00	3.86	7.07	5.73	5.24
DBZ	0.00	0.00	0.00	0.00	20.26	33.09	21.65	34.87
BzP	8.19	6.65	0.00	0.00	4.34	5.11	7.84	6.57

Table 2

SIN	1302806	1304102	1304302	1304402	1304407	1304602	1400102	1400202
Sample	Airport	Airport	Airport	Airport	Airport	Airport	Airport	Airport
Description	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
#Days Deployed	30	29	36	32	32	33	23	23
Month	Jul	Aug	Sep	Oct	Oct	Nov	Feb	Mar
Year	2002	2002	2002	2002	2002	2002	2003	2003
TPAH (ng/device)	3180.28	4301.62	6619.34	7579.19	282.03	13964.30	29182.95	5145.68
TPAH (ng/g)	1524.87	2006.85	3060.39	3430.12	127.64	6319.83	13207.35	2328.79
N0	0.00	0.00	0.00	23.63	78.52	29.14	22.58	44.29
N1	0.00	0.00	0.00	4.48	47.60	7.88	17.13	0.00
N2	0.00	0.00	0.00	38.23	33.70	64.02	162.17	25.59
N3	18.09	0.00	0.00	342.04	18.69	251.42	821.83	162.31
N4	91.74	13.71	21.70	392.74	16.51	363.57	973.67	184.71
BPH	43.45	12.14	31.68	0.38	3.22	0.94	2.60	0.00
ACY	385.59	92.72	269.57	0.00	0.00	0.00	3.65	0.00
ACE	348.03	109.65	324.15	1.93	11.60	22.77	78.94	5.05
F0	0.00	0.00	0.00	8.29	14.54	72.59	176.04	15.79
F1	0.00	0.00	3.12	67.24	7.57	100.19	217.14	32.34
F2	0.00	0.00	0.00	271.79	0.00	284.98	632.15	106.32
F3	5.20	8.25	6.27	260.51	0.00	366.76	775.86	136.27
D0	63.64	35.22	73.72	17.44	2.79	96.18	224.96	29.23
D1	127.44	72.12	203.03	145.15	1.61	241.32	559.59	80.95
D2	120.69	64.74	120.10	388.97	0.00	560.02	1326.30	212.71
D3	24.14	25.30	21.52	263.44	0.00	398.96	692.45	144.06
P0	107.66	78.21	121.43	266.99	25.64	1343.97	2677.24	387.21
P1	164.46	189.65	297.51	657.67	9.22	1177.77	2688.05	382.47
P2	139.79	192.73	289.71	889.99	0.00	1335.24	2980.97	497.64
P3	56.16	324.74	278.59	480.84	0.00	606.96	1474.21	281.84
P4	57.42	63.66	110.51	0.00	0.00	0.00	0.00	37.64
ANT	274.16	320.78	536.64	15.71	0.00	212.19	420.07	22.23
FLA	324.87	397.17	678.49	1006.48	4.88	2303.13	4615.90	816.18
PYR	210.52	274.47	443.15	906.48	5.95	1905.64	3759.46	800.82
C1F	66.19	80.38	88.20	280.75	0.00	506.45	1051.73	190.42
BAA	0.00	6.56	9.92	58.42	0.00	231.72	604.01	70.67
C0	54.31	631.82	874.01	326.65	0.00	684.01	1046.95	210.37
C1	124.46	493.57	707.47	177.54	0.00	309.48	517.57	97.98
C2	102.84	162.11	241.90	0.00	0.00	0.00	113.46	26.05
C3	6.31	32.15	53.99	0.00	0.00	0.00	0.00	0.00
C4	130.70	272.58	337.91	0.00	0.00	0.00	0.00	0.00
BbF	116.83	138.92	188.17	61.43	0.00	92.47	170.55	48.32
BkF	75.25	83.00	118.10	45.98	0.00	104.25	124.96	32.76
BEP	6.60	11.85	19.70	62.67	0.00	125.73	129.26	16.90
BAP	0.00	0.00	0.00	12.32	0.00	47.85	45.90	13.90
PER	16.28	72.95	117.37	84.14	0.00	51.65	26.17	28.91
IDP	7.85	44.75	50.74	8.68	0.00	33.34	26.56	0.00
DBZ	28.54	60.35	98.30	0.00	0.00	4.51	3.94	0.00
BzP	0.00	11.17	24.86	10.16	0.00	27.18	18.95	3.75

SIN	1400802	1401402	1401702	1401905	1402402	1402502	1402702	1402802
Sample	Airport	Airport	Airport	Airport	Airport	Airport	Airport	Airport
Description	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
#Days Deployed	22	22	29	30	28	31	28	22
Month	Apr	May	Jun	Jul	Aug	Sep	Dec	Jan
Year	2003	2003	2003	2003	2003	2003	2003	2004
TPAH (ng/device)	475.60	1948.62	4082.21	2428.86	6096.82	2244.13	730.52	1070.56
TPAH (ng/g)	215.24	881.89	1847.49	1099.23	2759.24	1015.63	330.61	484.51
N0	79.20	78.38	41.29	9.70	0.00	0.00	0.00	0.00
N1	73.74	6.93	0.00	0.00	0.00	0.00	0.00	0.00
N2	73.43	27.70	11.60	1.83	18.78	0.00	56.88	109.02
N3	52.14	70.66	101.57	85.56	569.19	69.09	92.30	287.24
N4	17.87	76.86	106.57	87.93	588.50	94.22	67.19	123.95
BPH	17.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	21.53	0.46	0.00	0.00	0.00	1.25	2.49	3.62
F0	49.93	0.00	0.00	0.64	6.02	0.66	3.86	9.39
F1	18.38	18.27	23.90	19.73	128.37	18.97	17.41	35.69
F2	0.00	49.96	86.24	68.04	335.54	55.30	29.21	60.84
F3	0.00	78.57	147.67	79.38	284.85	71.91	0.00	24.07
D0	6.93	4.48	16.13	7.64	41.00	11.78	8.79	9.79
D1	0.00	34.72	84.22	35.01	213.73	59.35	17.87	16.43
D2	0.00	85.30	188.42	94.49	348.38	136.28	32.69	23.24
D3	0.00	69.72	131.11	76.43	247.03	108.55	28.26	14.25
P0	54.16	53.99	175.11	41.07	171.95	51.87	30.45	53.90
P1	8.50	136.52	316.40	161.95	566.17	190.00	61.10	82.92
P2	0.00	220.45	407.85	262.24	644.32	287.60	54.49	62.03
P3	0.00	145.05	197.04	139.51	302.10	169.70	47.16	27.11
P4	0.00	10.67	40.37	45.78	105.15	41.90	4.00	2.53
ANT	0.00	0.00	4.83	0.00	5.05	2.98	0.00	0.00
FLA	1.32	201.83	557.25	236.18	366.96	218.76	41.50	35.86
PYR	1.44	224.01	416.60	268.62	366.48	219.88	59.30	42.00
C1F	0.00	71.72	115.52	89.26	135.37	73.80	19.22	12.07
BAA	0.00	5.39	11.15	19.89	1.50	8.85	0.00	0.00
C0	0.00	77.92	320.71	192.17	204.22	128.36	18.33	9.92
C1	0.00	62.85	185.25	101.77	125.83	70.38	15.95	8.64
C2	0.00	20.56	54.96	29.59	37.73	21.60	0.00	0.00
C3	0.00	0.00	2.47	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	16.07	79.39	50.45	110.28	28.27	0.00	0.00
BkF	0.00	10.67	42.51	20.13	18.23	8.07	0.00	0.00
BEP	0.00	17.39	58.96	41.67	42.11	20.76	4.13	2.57
BAP	0.00	4.31	17.26	12.44	7.71	0.00	0.00	0.00
PER	0.00	65.65	126.35	149.76	94.86	70.10	17.96	13.49
IDP	0.00	0.00	4.93	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	1.57	8.56	0.00	9.40	3.86	0.00	0.00

Table 2

SIN	1402803	1402905	1500102	1500111	1500502	1500503	1500511	1503019
Sample	Airport	Airport	Airport	Airport	Airport	Airport	Airport	Airport
Description	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
#Days Deployed	22	27	26	25	30	30	29	33
Month	Jan	Feb	Mar	Feb/Mar	Apr	Apr	May	Jul
Year	2004	2004	2004	2004	2004	2004	2004	2004
TPAH (ng/device)	520.50	2993.54	7954.07	8469.10	9041.66	533.30	3774.88	4894.78
TPAH (ng/g)	235.56	1359.46	3612.20	3846.09	4106.11	242.19	1714.29	2222.88
N0	0.00	0.00	0.00	0.00	0.00	25.48	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	56.60	0.00	0.00
N2	40.28	251.21	159.74	248.17	155.45	105.49	12.90	20.62
N3	83.66	366.07	409.59	887.55	458.90	85.47	106.50	74.05
N4	56.51	211.41	372.58	648.02	481.98	44.43	166.19	106.79
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	3.07	0.00	0.00	0.00	0.00	24.74	0.00	0.00
F0	5.21	22.94	23.12	26.74	25.62	43.87	0.00	0.00
F1	14.28	64.00	101.13	121.89	99.93	21.18	17.65	19.46
F2	20.93	122.51	271.05	324.79	276.00	18.14	116.74	91.02
F3	0.00	66.48	286.62	236.11	196.11	0.00	69.26	58.77
D0	8.55	24.42	61.28	53.78	48.56	5.16	0.00	5.56
D1	13.06	87.38	297.98	309.35	262.86	0.00	44.24	61.07
D2	19.70	144.80	535.61	556.02	494.03	0.00	200.83	258.56
D3	15.30	97.20	342.21	379.65	330.62	0.00	197.14	279.35
P0	24.35	130.28	354.25	355.11	663.87	89.87	35.08	44.46
P1	41.40	335.92	1067.44	1106.69	958.96	12.86	203.64	247.71
P2	32.06	371.67	1254.18	1226.70	1023.26	0.00	561.43	661.07
P3	25.61	191.93	629.67	565.98	459.69	0.00	381.70	489.66
P4	5.09	24.55	142.47	66.11	50.33	0.00	51.16	66.24
ANT	2.76	0.00	8.27	10.98	21.10	0.00	0.00	0.00
FLA	25.34	80.23	301.19	259.01	1250.11	0.00	300.23	374.90
PYR	34.63	130.20	426.93	398.76	961.38	0.00	364.74	368.89
C1F	12.35	58.32	182.28	176.34	196.85	0.00	134.29	159.81
BAA	0.00	0.00	6.86	11.00	46.78	0.00	18.52	20.73
C0	12.86	86.10	252.09	181.93	259.00	0.00	303.59	486.67
C1	9.13	89.74	252.46	176.02	128.18	0.00	172.21	252.62
C2	0.00	36.18	93.40	42.19	21.96	0.00	73.01	96.44
C3	0.00	0.00	29.15	32.82	16.49	0.00	17.32	32.03
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	19.89	20.29	41.35	0.00	25.29	85.02
BkF	0.00	0.00	12.40	0.00	39.25	0.00	23.54	46.13
BEP	0.00	0.00	60.26	47.07	49.13	0.00	38.44	98.19
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	14.39	0.00	0.00	0.00	23.94	0.00	139.22	388.94
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1503020	1504412	1504413	1504414	1504502	1504503	1600912	1600914
Sample	Airport	Airport	Airport	Airport	Airport	Airport	Airport	Airport
Description	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
#Days Deployed	31	35	69	31	39	31	30	32
Month	Jul	Sep	Dec	Aug	Jan	Feb	Mar	Apr
Year	2004	2004	2004	2004	2005	2005	2005	2005
TPAH (ng/device)	3487.91	4272.85	13967.29	3789.05	1420.15	12711.35	5822.66	2802.16
TPAH (ng/g)	1583.97	1940.44	6343.00	1720.73	644.94	5772.64	2644.26	1272.55
N0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	24.62	0.00	0.00
N2	14.77	33.02	73.84	0.00	21.24	328.15	15.48	0.00
N3	54.80	141.45	426.25	65.09	106.24	776.76	139.98	45.97
N4	106.61	101.36	849.06	145.42	46.21	659.71	211.11	90.15
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	13.30	0.00	0.00
F0	0.00	0.00	15.22	0.00	0.00	59.01	0.00	0.00
F1	0.00	57.65	111.02	21.97	25.11	198.70	30.47	0.00
F2	77.56	171.18	624.28	87.21	73.91	374.12	97.64	74.12
F3	70.49	183.97	398.68	43.38	22.46	357.42	0.00	72.22
D0	0.00	23.64	39.73	7.75	5.32	109.14	9.77	0.00
D1	45.33	110.86	360.74	58.73	31.71	455.71	141.59	53.14
D2	161.21	189.80	810.49	203.92	70.73	619.05	280.30	145.95
D3	156.82	175.00	664.70	247.58	63.98	444.57	103.76	58.84
P0	30.97	210.35	387.00	43.55	42.54	1047.86	205.74	82.81
P1	192.67	381.46	1258.79	207.04	129.17	1505.23	541.36	202.40
P2	447.83	530.46	2092.37	575.84	211.28	1646.45	823.16	427.25
P3	333.99	349.10	1042.53	376.71	135.79	811.66	487.97	275.99
P4	47.42	80.61	8.60	65.65	22.14	128.72	81.17	61.93
ANT	0.00	5.80	28.69	0.00	0.00	59.69	7.14	0.00
FLA	279.68	484.76	1469.39	316.61	100.00	1059.82	967.60	319.68
PYR	264.71	389.96	1494.57	327.37	131.55	984.03	821.12	293.09
C1F	109.84	109.11	409.78	127.82	46.95	272.57	178.34	88.93
BAA	10.85	6.47	57.98	7.09	0.00	25.46	49.45	11.49
C0	255.19	186.15	517.33	282.06	50.58	268.28	294.58	168.17
C1	141.06	82.94	250.86	129.55	34.93	204.35	108.68	69.60
C2	46.49	21.03	64.61	33.08	11.64	53.57	33.80	22.12
C3	15.40	8.85	27.63	9.48	0.00	27.55	12.63	8.69
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	93.08	36.72	129.79	102.44	0.00	60.38	53.96	30.31
BkF	47.73	29.14	91.99	57.18	0.00	30.11	27.62	0.00
BEP	154.85	46.51	142.84	128.42	0.00	64.18	34.56	20.13
BAP	0.00	12.32	13.73	12.97	0.00	0.00	15.41	0.00
PER	328.54	113.19	104.80	105.15	36.68	37.44	48.28	179.21
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1603313	1603315	1106517	1208306	1302811	1401919	1304409	1304410
Sample Description	Airport Creek	Ariport Creek	Beaver Creek	Beaver Creek	Beaver Creek	Beaver Creek	Big Eddy (inlet)	Big Eddy (outlet)
#Days Deployed	30	48	?	21	32	30	32	32
Month	Jun	Jul	Sep	Apr	Jul	Jul	Oct	Oct
Year	2005	2005	2000	2002	2002	2003	2002	2002
TPAH (ng/device)	2991.23	4397.91	320.58	163.47	527.41	271.50	23023.14	3776.34
TPAH (ng/g)	1358.42	1997.24	145.08	73.98	243.34	122.87	10419.60	1709.06
N0	0.00	0.00	230.35	0.00	0.00	0.00	44.07	57.55
N1	0.00	0.00	0.00	0.00	0.00	0.00	48.59	14.92
N2	0.00	0.00	0.00	0.00	0.00	0.00	272.54	129.60
N3	31.72	47.70	6.01	0.00	0.00	0.00	1434.67	272.06
N4	41.58	114.97	11.93	4.47	0.00	37.45	1851.47	230.79
BPH	0.00	0.00	0.00	0.00	0.00	0.00	6.08	0.22
ACY	0.00	0.00	0.00	2.37	6.42	0.00	0.00	0.00
ACE	0.00	0.00	0.00	17.07	69.59	0.00	7.28	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	52.99	23.30
F1	0.00	19.39	0.00	0.00	0.00	1.73	357.17	94.38
F2	59.72	74.47	15.18	0.00	0.00	39.40	1323.50	219.71
F3	51.26	92.80	9.26	5.21	0.00	70.48	1662.50	369.11
D0	0.00	7.67	0.00	15.33	11.49	0.00	69.35	30.80
D1	36.98	71.53	0.00	29.28	86.67	0.98	561.24	107.15
D2	150.23	268.67	1.31	13.07	117.60	3.07	1393.55	190.63
D3	141.49	258.62	0.00	0.00	0.00	2.97	1209.49	135.71
P0	24.98	49.32	0.00	4.14	0.00	0.00	469.94	163.62
P1	137.18	227.40	7.44	8.94	5.76	3.50	2226.08	389.66
P2	309.84	513.60	14.53	8.66	6.92	48.90	3031.00	416.61
P3	229.08	422.47	8.34	7.75	0.00	20.91	1679.64	204.40
P4	34.58	63.67	0.00	3.59	1.51	0.00	0.00	41.97
ANT	0.00	0.00	0.00	11.65	10.86	0.00	58.71	3.86
FLA	325.91	349.30	4.75	13.59	77.55	2.23	843.90	142.34
PYR	208.66	279.84	7.38	8.00	45.35	26.45	1204.31	201.29
C1F	69.48	123.58	4.09	2.05	5.07	11.55	697.66	72.29
BAA	15.89	23.62	0.00	0.00	0.00	0.00	59.83	1.58
C0	236.80	365.11	0.00	4.99	4.02	1.89	709.81	106.89
C1	78.93	149.11	0.00	4.25	49.72	0.00	751.72	103.58
C2	61.55	105.71	0.00	2.65	22.75	0.00	560.57	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	2.45	0.00	0.00	0.00
BbF	231.45	174.89	0.00	0.00	3.59	0.00	110.44	17.71
BkF	101.95	72.26	0.00	0.00	1.61	0.00	52.86	7.03
BEP	179.13	146.66	0.00	0.00	0.00	0.00	146.06	20.84
BAP	0.00	14.39	0.00	0.00	0.00	0.00	22.49	0.00
PER	207.12	338.32	0.00	0.00	0.00	0.00	7.76	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	25.72	22.83	0.00	0.00	0.00	0.00	62.55	6.74

Table 2

SIN	1304609	1304610	1400121	1400123	1400213	1400216	1400829	1400831
Sample Description	Big Eddy (inlet)	Big Eddy (outlet)	Big Eddy (inlet)	Big Eddy (outlet)	Big Eddy (outlet)	Big Eddy (inlet)	Big Eddy (inlet)	Big Eddy (outlet)
#Days Deployed	34	34	22	22	27	27	22	22
Month	Nov	Nov	Feb	Feb	Mar	Mar	Apr	Apr
Year	2002	2002	2003	2003	2003	2003	2003	2003
TPAH (ng/device)	26938.58	1085.79	30657.77	2839.04	3367.21	12467.49	7877.40	1964.83
TPAH (ng/g)	12191.61	491.40	13874.80	1284.87	1523.90	5642.42	3565.08	889.22
N0	68.75	62.91	48.93	29.59	1.16	70.54	4.90	0.00
N1	55.19	42.27	282.25	123.22	95.44	144.63	55.81	4.28
N2	313.62	68.76	1614.49	253.68	328.42	549.26	220.12	71.96
N3	1293.61	83.54	2859.13	279.26	352.31	895.28	353.64	129.46
N4	1396.88	54.17	1898.19	160.16	195.86	543.43	249.22	109.64
BPH	5.90	3.21	39.24	14.12	7.57	22.03	8.91	0.77
ACY	6.83	0.00	68.11	23.44	18.07	37.05	7.56	0.00
ACE	18.25	5.25	78.98	23.24	15.63	32.12	12.73	0.75
F0	96.69	16.88	362.26	68.88	69.09	144.85	69.23	12.78
F1	452.64	28.36	819.79	79.60	88.40	227.88	122.55	40.62
F2	1199.61	0.00	1353.29	154.78	153.26	601.02	496.08	97.96
F3	1640.53	0.00	1918.50	240.61	210.89	727.15	933.81	194.20
D0	165.07	14.46	425.68	60.68	85.66	187.61	92.92	24.26
D1	866.13	36.93	1070.24	95.38	156.95	427.49	256.25	89.72
D2	1994.72	57.06	1827.67	122.31	218.60	811.04	522.60	146.99
D3	1415.08	26.62	1001.51	52.79	78.78	498.86	286.68	74.27
P0	980.23	71.13	1830.29	212.93	282.28	861.61	507.02	110.68
P1	2690.69	119.68	3093.03	277.20	360.50	1283.33	845.96	231.21
P2	3408.30	124.93	3313.25	219.72	287.61	1350.38	906.73	235.50
P3	1549.68	55.70	1881.97	101.70	96.15	727.82	440.40	94.10
P4	405.64	14.30	295.17	0.00	0.00	154.15	30.36	0.00
ANT	136.22	0.00	191.58	8.39	4.93	27.88	13.84	0.00
FLA	992.22	49.12	972.29	63.77	97.23	465.12	328.49	91.20
PYR	1299.26	74.19	1097.53	102.65	103.13	533.88	364.62	87.67
C1F	798.04	21.52	638.11	26.96	28.36	265.02	166.85	29.58
BAA	131.33	0.00	72.46	0.00	0.00	12.54	3.58	0.00
C0	780.73	29.47	426.82	14.52	16.84	207.71	173.00	39.29
C1	995.40	25.32	572.66	20.93	14.07	299.24	199.25	31.01
C2	756.57	0.00	358.67	8.53	0.00	211.99	115.93	8.54
C3	182.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	214.15	0.00	49.93	0.00	0.00	28.66	20.35	4.30
BkF	63.96	0.00	36.15	0.00	0.00	23.59	10.90	1.40
BEP	189.27	0.00	74.76	0.00	0.00	67.82	49.20	2.69
BAP	80.17	0.00	24.54	0.00	0.00	0.00	0.00	0.00
PER	36.95	0.00	13.22	0.00	0.00	0.00	0.00	0.00
IDP	81.20	0.00	11.56	0.00	0.00	0.00	0.00	0.00
DBZ	21.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	155.22	0.00	35.52	0.00	0.00	26.48	7.88	0.00

SIN	1401937	1401939	1503014	1503015	1504104	1504105	1504404	1504405
Sample Description	Big Eddy (inlet)	Big Eddy (outlet)	Big Eddy (inlet)	Big Eddy (outlet)	Big Eddy (inlet)	Big Eddy (outlet)	Big Eddy (inlet)	Big Eddy (outlet)
#Days Deployed	30	30	27	27	28	28	29	29
Month	Jul	Jul	Jul	Jul	Oct	Oct	Nov	Nov
Year	2003	2003	2004	2004	2004	2004	2004	2004
TPAH (ng/device)	9272.63	928.21	31715.25	720.12	23621.87	7175.39	13183.99	45365.59
TPAH (ng/g)	4196.52	420.08	14402.93	327.03	10727.46	3258.58	5987.28	20601.99
N0	0.00	0.00	22.13	0.00	36.35	51.20	0.00	0.00
N1	0.00	0.00	112.77	0.00	0.00	0.00	44.29	35.41
N2	0.73	0.00	697.33	14.36	64.57	58.67	598.89	627.97
N3	247.81	28.12	1574.67	40.73	675.66	259.91	1107.82	3602.88
N4	639.46	43.67	1622.29	38.69	1590.94	508.85	827.06	4007.65
BPH	0.00	0.00	50.19	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	13.70	0.00	3.74	4.62	18.88	11.04
ACE	0.00	0.00	61.89	0.00	0.00	0.00	14.43	0.00
F0	3.31	1.39	369.83	0.00	0.00	16.86	109.77	29.04
F1	83.46	22.14	769.00	0.00	203.30	91.08	356.66	888.55
F2	506.07	55.59	1311.43	49.95	989.33	280.12	652.17	2467.22
F3	611.41	63.78	1211.99	51.60	1252.47	403.04	743.80	1977.74
D0	29.30	7.92	434.74	8.37	59.89	40.45	157.07	255.34
D1	259.23	46.70	1346.22	28.27	521.58	176.44	477.58	1569.53
D2	736.53	89.13	2257.76	49.89	1208.20	345.45	584.83	2293.86
D3	643.66	59.49	1464.72	33.14	1317.82	304.54	380.99	2120.04
P0	65.21	26.02	1890.44	48.82	416.42	288.23	834.69	1487.74
P1	566.99	81.83	2966.46	84.78	1588.99	487.99	1418.56	4518.29
P2	1237.75	114.82	3529.53	94.82	2734.77	706.44	1375.20	5732.50
P3	780.27	57.16	1915.56	42.40	1908.53	455.69	669.86	3176.39
P4	230.70	3.21	201.69	0.00	599.12	87.11	101.45	471.50
ANT	6.23	0.00	271.16	0.00	23.51	10.04	50.15	115.73
FLA	260.91	34.93	1390.75	33.08	2301.22	757.45	842.39	2559.88
PYR	561.03	57.91	1850.63	32.48	2765.02	849.10	852.95	2711.98
C1F	345.13	21.80	947.25	13.06	679.46	169.03	228.28	939.47
BAA	9.53	0.00	117.85	0.00	81.85	12.33	19.47	141.26
C0	413.53	50.80	1021.13	29.77	835.43	276.95	266.01	949.21
C1	484.82	33.19	1053.26	16.71	535.27	162.78	192.22	866.45
C2	176.50	12.43	686.82	9.19	351.80	50.99	44.35	653.23
C3	34.28	0.00	211.28	0.00	102.70	36.74	28.39	204.93
C4	0.00	0.00	0.00	0.00	12.70	0.00	0.00	10.90
BbF	117.83	9.61	91.01	0.00	185.73	80.00	70.68	298.63
BkF	28.95	0.00	58.87	0.00	175.85	65.25	39.17	139.13
BEP	114.74	6.59	152.66	0.00	247.34	97.26	75.95	294.54
BAP	28.94	0.00	0.00	0.00	40.91	0.00	0.00	62.08
PER	10.12	0.00	0.00	0.00	0.00	0.00	0.00	21.72
IDP	0.00	0.00	0.00	0.00	36.55	0.00	0.00	36.68
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	38.20	0.00	38.23	0.00	74.87	40.80	0.00	87.08

SIN	1600105	1600106	1208325	1106521	1208327	1106523	1200606	1208314
Sample Description	Big Eddy (inlet)	Big Eddy (outlet)	Bing's Landing	Edna Lyons	Edna Lyons	Fall in the Hole	Fall in the Hole	Funny River
#Days Deployed	29	29	21	?	21	?	26	21
Month	Mar	Mar	Mar	Sep	Apr	Sep	Apr	Apr
Year	2005	2005	2002	2000	2002	2000	2001	2002
TPAH (ng/device)	36285.65	17566.17	77.71	502.76	41.21	414.93	251.29	53.16
TPAH (ng/g)	16478.49	7977.37	35.17	227.54	18.65	187.78	113.73	28.17
N0	0.00	0.00	0.00	282.36	0.00	159.28	18.48	0.00
N1	54.89	121.46	0.00	0.00	0.00	0.00	0.00	0.00
N2	1042.10	1107.86	0.00	0.00	0.00	0.00	10.59	0.00
N3	2816.17	1475.70	0.00	20.89	0.00	24.70	18.70	0.00
N4	1962.24	676.30	0.00	21.78	0.00	18.91	7.05	11.17
BPH	0.00	0.00	2.40	0.00	0.00	0.00	0.00	2.93
ACY	8.21	8.27	9.46	0.00	7.05	0.00	0.00	11.82
ACE	23.37	30.72	6.80	0.00	4.92	0.00	0.00	4.16
F0	171.00	170.18	0.00	0.00	0.00	0.00	0.00	0.00
F1	654.76	222.11	0.00	15.21	0.00	6.47	6.50	0.00
F2	1254.45	285.72	0.00	49.60	0.00	24.02	27.75	0.00
F3	1572.81	1265.52	0.00	14.38	0.00	14.89	0.00	0.00
D0	400.35	333.74	15.14	0.00	9.52	0.00	0.00	6.60
D1	1617.66	704.67	11.64	0.00	6.52	0.00	4.66	0.00
D2	2340.95	747.20	0.00	1.38	0.00	1.59	9.68	0.00
D3	1398.17	468.20	0.00	0.00	0.00	1.57	8.77	0.00
P0	2156.58	1820.24	0.00	11.39	0.00	0.00	12.15	0.00
P1	4462.22	2104.29	0.00	25.37	0.00	12.34	22.08	0.00
P2	4748.86	1715.26	0.00	25.41	0.00	23.77	26.54	0.00
P3	2232.70	830.99	5.21	9.80	3.84	17.85	10.84	0.00
P4	285.58	227.13	1.80	0.00	0.00	0.00	0.00	2.96
ANT	81.97	16.33	7.24	1.47	3.84	0.00	0.00	5.84
FLA	1723.72	1036.46	7.45	8.98	3.38	5.78	15.51	3.94
PYR	1902.74	917.35	3.43	9.44	0.00	11.14	13.16	2.20
C1F	705.72	236.23	0.00	5.31	0.00	7.10	6.96	0.00
BAA	110.14	9.87	0.00	0.00	0.00	0.00	0.00	0.00
C0	857.61	387.54	5.81	0.00	0.00	2.07	12.56	2.84
C1	792.76	282.42	3.14	0.00	2.13	0.00	5.21	2.48
C2	231.67	74.61	2.41	0.00	0.00	0.00	3.99	2.11
C3	136.84	39.45	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	214.50	110.34	0.00	0.00	0.00	0.00	0.00	0.00
BkF	60.18	33.82	0.00	0.00	0.00	0.00	0.00	0.00
BEP	187.23	87.68	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	18.54	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	83.45	10.11	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	77.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1302822	1400810	1401914	1400818	1208339	1302826	1401925	1401945
Sample Description	Funny River	Funny River	Funny River	Hidden Creek	Hidden Creek	Hidden Creek	Hidden Creek	Isaak #10
#Days Deployed	31	22	30	22	30	30	30	31
Month	Jul	Apr	Jul	Apr	Mar	Jul	Jul	Jul
Year	2002	2003	2003	2003	2003	2002	2003	2003
TPAH (ng/device)	147.21	161.98	135.45	41.21	221.98	234.60	177.34	147.67
TPAH (ng/g)	135.51	73.31	61.30	18.65	100.46	106.17	80.26	66.83
N0	0.00	50.79	6.69	22.00	13.50	0.00	0.00	0.00
N1	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	7.12	0.00	0.00	0.00	0.00	0.00	0.00
N3	0.00	18.11	0.00	0.00	1.44	0.00	7.65	0.00
N4	0.00	9.95	1.45	0.00	32.26	0.00	19.37	27.89
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	6.39	0.00	0.00	0.00	0.00	13.73	2.68	0.00
ACE	9.93	0.00	0.00	0.00	0.00	38.08	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.00	4.22	2.32	3.54	10.30	0.00	5.84	2.59
F2	0.00	7.88	0.00	0.00	83.39	0.00	46.01	26.05
F3	0.00	0.00	0.00	0.00	0.00	0.00	23.92	21.73
D0	15.65	0.00	0.00	0.00	0.00	11.13	0.00	0.00
D1	23.66	0.00	2.09	0.00	1.75	50.57	1.32	1.38
D2	4.75	0.00	5.52	0.00	0.00	15.79	3.18	1.84
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	0.00	4.64	2.62	0.00	0.00	0.00	0.00	0.00
P1	4.15	9.30	8.82	0.00	0.00	0.00	10.86	8.53
P2	3.80	0.00	13.44	0.00	0.00	2.59	28.00	26.70
P3	0.00	0.00	2.59	0.00	0.00	0.00	6.23	8.06
P4	5.25	0.00	0.00	0.00	0.00	3.53	0.00	0.00
ANT	10.85	0.00	0.00	0.00	0.00	13.20	0.00	0.00
FLA	19.90	4.77	6.70	5.86	23.61	40.87	10.49	4.82
PYR	13.82	8.89	6.51	8.51	12.08	11.07	6.16	10.33
C1F	3.12	0.00	3.45	0.00	0.00	0.00	4.52	4.82
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	5.26	0.00	1.19	1.30	9.92	12.59	1.12	0.64
C1	4.05	0.00	0.00	0.00	6.32	10.22	0.00	2.31
C2	18.94	0.00	0.00	0.00	0.00	9.29	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	2.95	0.00	0.00	0.00	0.00	2.20	0.00	0.00
BbF	0.00	0.00	0.00	0.00	2.75	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	2.13	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	35.83	72.06	0.00	22.53	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	3.27	0.00	0.00

SIN	1402422	1401946	1402423	1401414	1106520	1200106	1200106	1200116
Sample Description	Isaak #10	Isaak #20	Isaak #20	Isaak #25	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock
#Days Deployed	32	31	32	21	?	21	21	25
Month	Aug	Jul	Aug	May	Sep	Sep	Jan	Feb
Year	2003	2003	2003	2003	2000	2001	2001	2001
TPAH (ng/device)	172.36	434.17	532.21	77.03	592.28	84.59	84.59	201.26
TPAH (ng/g)	78.00	196.49	240.86	34.86	268.05	38.28	38.28	91.09
N0	0.00	0.00	0.00	13.87	74.02	0.00	0.00	10.25
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	0.00	0.00	0.00	0.00	4.98	4.98	17.37
N3	0.00	0.00	2.37	15.53	35.17	21.36	21.36	64.56
N4	27.62	48.69	71.47	8.19	79.27	11.69	11.69	20.69
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	4.09	5.48	4.45	4.23	11.55	4.62	4.62	7.86
F2	14.11	71.33	57.75	0.00	84.21	7.81	7.81	15.58
F3	21.18	76.65	67.88	0.00	76.89	0.00	0.00	0.00
D0	0.00	0.00	3.24	0.00	0.00	0.00	0.00	0.00
D1	1.85	3.99	5.72	0.72	2.10	0.00	0.00	2.35
D2	2.90	6.24	6.09	1.73	5.60	2.19	2.19	2.95
D3	0.00	4.38	0.00	0.00	2.77	1.60	1.60	1.57
P0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.01
P1	15.97	22.81	31.65	10.04	25.84	8.89	8.89	14.90
P2	39.46	94.61	110.77	10.51	79.87	11.01	11.01	15.43
P3	14.85	32.67	81.80	0.00	45.19	4.40	4.40	8.04
P4	0.48	0.41	0.00	0.00	0.00	0.00	0.00	1.12
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	7.95	9.90	17.31	5.00	15.95	3.98	3.98	5.47
PYR	13.41	26.59	32.65	3.54	27.62	0.00	0.00	5.82
C1F	7.51	19.25	32.23	1.97	19.88	2.06	2.06	2.27
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	2.18	3.26	0.00	4.73	0.00	0.00	0.00
C1	0.97	4.08	3.58	1.70	1.60	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	4.91	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1200602	1200603	1203103	1400804	1208303	1204703	1304104	1402410
Sample Description	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock
#Days Deployed	26	26	22	21	21	23	23	31
Month	Apr	Apr	May	Apr	Apr	Aug	Aug	Aug
Year	2001	2001	2001	2003	2002	2001	2002	2003
TPAH (ng/device)	240.81	215.22	6929.84	287.78	298.24	268.60	682.37	1133.40
TPAH (ng/g)	108.98	97.40	3136.24	130.24	134.98	121.56	312.49	512.94
N0	35.54	30.05	81.50	7.00	8.76	0.00	0.00	0.00
N1	0.00	0.00	50.81	0.00	0.00	0.00	0.00	0.00
N2	12.56	10.24	883.13	8.39	0.00	0.00	0.00	0.00
N3	45.85	46.58	3058.36	62.34	0.00	33.50	0.00	87.54
N4	18.25	21.75	1585.56	65.29	8.89	18.09	0.00	265.50
BPH	0.00	0.00	0.00	0.00	4.16	0.00	6.50	0.00
ACY	0.00	0.00	0.00	0.00	31.14	0.00	51.44	0.00
ACE	3.67	0.00	6.81	0.00	61.79	0.00	140.67	0.00
F0	0.00	0.00	51.67	0.00	0.00	0.00	0.00	0.00
F1	7.96	9.16	323.47	17.20	0.00	11.20	0.00	29.80
F2	12.65	8.40	317.03	29.42	0.00	60.62	0.00	160.72
F3	0.00	0.00	84.62	0.00	0.00	33.56	0.00	139.11
D0	1.89	2.13	25.77	2.92	21.40	0.00	24.33	0.00
D1	4.07	3.25	86.57	7.58	48.12	1.84	105.65	20.55
D2	5.04	3.96	46.24	7.05	19.35	3.33	42.99	40.30
D3	2.12	2.23	7.52	0.00	0.00	2.33	0.00	18.26
P0	19.07	13.01	44.68	1.72	2.67	0.00	6.99	4.34
P1	22.50	19.23	155.88	29.08	4.45	24.52	19.82	66.95
P2	14.69	13.98	73.29	31.39	4.08	30.48	12.61	152.36
P3	5.87	5.86	10.00	0.00	6.70	9.16	0.00	48.88
P4	0.00	0.00	0.00	0.00	4.67	0.00	12.63	3.08
ANT	0.00	0.00	2.12	0.00	16.20	0.00	46.72	0.00
FLA	12.94	12.07	4.74	9.29	25.44	12.97	96.29	28.35
PYR	10.87	10.55	7.24	9.11	15.20	16.52	36.86	44.01
C1F	3.41	2.78	2.14	0.00	2.59	6.65	5.68	21.70
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	1.85	0.00	3.97	0.00	9.19	3.84	25.51	1.95
C1	0.00	0.00	0.00	0.00	7.67	0.00	32.15	0.00
C2	0.00	0.00	0.00	0.00	4.60	0.00	18.12	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	4.34	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	2.65	0.00
BkF	0.00	0.00	4.51	0.00	0.00	0.00	5.98	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	4.72	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	7.51	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	3.56	0.00

Table 2

SIN	1400108	1204302	1302809	1401903	1204203	1302703	1401709	1301303
Sample Description	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock
#Days Deployed	24	20	35	31	26	33	28	20
Month	Feb	Jul	Jul	Jul	Jun	Jun	Jun	Mar
Year	2003	2001	2002	2003	2001	2002	2003	2002
TPAH (ng/device)	269.59	1214.35	4250.82	4827.25	2355.89	1654.13	548.46	176.97
TPAH (ng/g)	122.01	549.58	1929.58	2184.67	1066.21	752.13	248.22	80.09
N0	8.48	0.00	0.00	27.39	0.00	0.00	18.21	5.83
N1	0.09	0.00	13.12	0.00	0.00	0.00	0.00	0.00
N2	13.93	6.45	0.00	173.85	78.18	0.00	39.47	0.00
N3	42.31	106.85	23.75	834.48	372.14	29.15	67.69	0.00
N4	55.79	162.65	96.54	1055.67	407.14	136.85	75.07	11.21
BPH	0.00	0.00	98.75	0.00	0.00	52.59	0.00	5.55
ACY	0.00	0.00	707.12	9.45	4.02	412.56	0.00	34.48
ACE	0.00	0.00	890.00	0.00	0.00	285.78	0.00	25.50
F0	0.11	4.11	0.00	17.48	26.79	0.00	6.02	0.00
F1	6.69	41.93	0.00	147.19	116.13	2.75	27.75	0.00
F2	17.01	320.22	0.00	571.59	390.87	0.00	64.83	0.00
F3	0.00	181.97	14.36	369.36	157.99	20.87	36.31	0.00
D0	0.00	0.00	163.72	14.44	1.80	84.50	2.72	10.47
D1	3.27	5.80	729.76	130.53	21.53	159.60	4.46	16.19
D2	7.46	9.78	376.23	170.45	42.72	62.89	7.47	4.24
D3	0.00	5.46	4.71	55.03	21.21	9.14	7.91	0.00
P0	8.32	5.43	46.31	44.30	33.82	26.45	15.31	1.81
P1	17.10	84.58	60.82	371.37	195.92	28.58	48.57	4.56
P2	27.04	118.23	26.91	453.10	213.69	12.68	49.18	2.87
P3	10.75	28.99	21.29	107.74	60.74	42.14	13.57	0.00
P4	0.00	1.79	48.90	2.59	3.54	24.53	0.00	4.47
ANT	0.00	0.00	262.41	8.44	4.19	144.58	3.03	16.59
FLA	19.25	34.40	395.96	74.32	69.57	122.29	24.07	20.30
PYR	25.33	61.68	121.54	112.68	86.13	39.30	23.53	8.49
C1F	4.91	20.99	15.51	50.39	27.86	4.81	7.19	1.68
BAA	0.00	0.00	6.31	0.00	0.00	1.40	0.00	0.00
C0	1.75	7.24	83.31	3.29	7.35	20.48	1.07	6.20
C1	0.00	2.80	120.40	6.05	2.84	20.25	1.71	3.67
C2	0.00	3.00	64.54	0.00	3.22	9.90	0.00	2.88
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	8.77	0.00	0.00	2.90	0.00	0.00
BbF	0.00	0.00	5.39	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	10.71	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	16.09	6.48	0.00	3.32	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	5.06	0.00	0.00	3.43	0.00	0.00

SIN	1304614	1400209	1301402	1401409	1304603	1208103	1106520	1208003
Sample Description	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock
#Days Deployed	26	23	30	24	32	30	?	19
Month	Mar	Mar	May	May	Nov	Oct	Sep	Sep
Year	2003	2003	2002	2003	2002	2001	2000	2001
TPAH (ng/device)	3637.42	199.22	708.40	406.56	498.03	205.54	592.28	288.42
TPAH (ng/g)	1646.19	90.16	320.60	184.00	225.40	93.02	268.97	130.98
N0	100.98	54.12	0.00	7.76	45.50	0.00	74.02	0.00
N1	46.56	0.00	0.00	0.00	15.98	0.00	0.00	0.00
N2	48.72	0.00	0.00	21.67	43.87	17.41	0.00	3.91
N3	101.26	15.43	0.00	82.99	81.97	47.71	35.17	50.92
N4	86.14	94.45	15.56	80.39	58.94	28.04	79.27	45.08
BPH	0.00	0.00	13.65	0.00	1.22	0.00	0.00	0.00
ACY	0.00	0.00	99.54	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	71.59	0.00	0.00	0.00	0.00	0.00
F0	3.14	0.00	0.00	0.00	5.61	0.00	0.00	0.00
F1	23.59	1.02	0.00	19.73	25.24	10.23	11.55	15.37
F2	70.44	0.00	0.00	29.20	29.56	18.01	84.21	48.48
F3	101.18	0.00	11.91	0.00	0.00	0.00	76.89	20.26
D0	17.93	0.00	64.18	1.25	2.27	0.00	0.00	0.00
D1	62.96	0.00	147.45	7.92	6.50	2.18	2.10	2.57
D2	170.39	0.00	37.96	7.73	10.30	3.01	5.60	4.17
D3	106.97	0.00	0.00	8.80	0.00	1.50	2.77	3.37
P0	260.12	3.00	4.63	8.84	16.47	9.54	0.00	5.44
P1	261.13	0.00	9.03	35.66	38.73	19.67	25.84	27.26
P2	342.11	0.00	7.78	38.45	38.51	16.06	79.87	24.41
P3	184.01	0.00	13.63	9.33	13.88	9.73	45.19	6.73
P4	14.28	0.00	11.60	1.24	0.00	0.00	0.00	0.00
ANT	11.45	0.00	59.42	3.10	0.00	1.38	0.00	0.00
FLA	553.90	10.70	65.72	19.64	27.60	8.41	15.95	9.94
PYR	527.63	20.49	35.71	15.32	26.77	10.11	27.62	14.47
C1F	121.14	0.00	6.74	5.02	6.03	2.54	19.88	4.35
BAA	28.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	141.53	0.00	25.90	1.17	3.08	0.00	4.73	1.66
C1	87.48	0.00	19.39	1.34	0.00	0.00	1.60	0.00
C2	29.13	0.00	9.93	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	2.32	0.00	0.00	0.00	0.00	0.00
BbF	28.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	22.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	35.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	8.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	35.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1304303	1402512	1503003	1600907	1603303	1208332	1302823	1401923
Sample Description	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai Dock	Kenai L. Bridge	Kenai L. Bridge	Kenai L. Bridge
#Days Deployed	36	29	29	28	32	21	31	30
Month	Sep	Sep	Jul	Apr	Jul	Apr	Jul	Jul
Year	2002	2003	2004	2005	2005	2002	2002	2003
TPAH (ng/device)	752.18	510.03	4089.76	112.42	2609.32	155.06	1228.96	1101.72
TPAH (ng/g)	341.59	231.62	1857.29	51.05	1184.98	70.18	556.19	498.61
N0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	4.97	5.87
N2	0.00	14.79	12.85	0.00	0.00	0.00	4.71	0.00
N3	0.00	31.02	191.02	19.59	87.33	0.00	6.40	13.76
N4	0.00	70.43	764.07	31.51	585.71	0.00	26.48	14.53
BPH	7.38	0.00	0.00	0.00	0.00	4.49	5.18	0.00
ACY	88.67	0.00	0.00	0.00	0.00	3.15	43.07	0.00
ACE	169.85	0.00	0.00	0.00	0.00	8.48	22.74	49.75
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.32
F1	0.00	10.41	51.35	0.00	26.44	0.00	7.39	20.46
F2	0.00	68.55	582.22	0.00	336.19	0.00	36.40	0.00
F3	0.00	67.32	476.85	0.00	159.08	8.13	42.35	0.00
D0	25.72	3.49	0.00	0.00	0.00	7.42	29.21	14.80
D1	113.50	6.65	61.20	0.00	43.27	0.00	17.59	8.04
D2	29.06	12.36	167.92	0.00	149.89	0.00	7.35	4.66
D3	0.00	6.57	70.15	0.00	99.24	1.63	15.02	0.00
P0	11.43	3.60	0.00	0.00	0.00	0.00	8.61	198.99
P1	20.06	39.76	265.33	12.26	65.71	0.00	8.76	84.45
P2	9.34	76.86	768.87	21.39	526.18	0.00	6.80	33.19
P3	0.00	32.64	238.95	9.53	271.56	21.62	202.55	5.95
P4	11.74	0.00	7.67	7.43	0.00	4.55	14.55	0.43
ANT	64.24	0.00	0.00	0.00	0.00	15.40	89.87	5.07
FLA	85.63	24.29	83.06	0.00	36.73	11.08	50.57	310.41
PYR	32.15	27.75	229.70	10.72	130.59	0.00	23.87	177.38
C1F	3.58	13.56	92.83	0.00	69.95	0.00	5.57	44.10
BAA	1.45	0.00	0.00	0.00	9.60	4.21	12.36	25.56
C0	28.05	0.00	13.61	0.00	11.87	37.32	286.17	39.00
C1	32.75	0.00	12.11	0.00	0.00	25.75	148.25	0.00
C2	12.96	0.00	0.00	0.00	0.00	7.01	46.58	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	19.74	0.00
C4	2.47	0.00	0.00	0.00	0.00	3.87	31.74	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	8.11	0.00
BkF	2.13	0.00	0.00	0.00	0.00	0.00	3.07	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	6.62	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	5.28	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1302824	1302831	1302829	1304110	1304306	1304406	1106512	1200609
Sample Description	Kenai R.-Cooper	Kenai downriver Keys	Kenai Upstream Keys	Kenai Upstream Keys	Kenai Upstream Keys	Kenai R., upstream Keys	Lower Slikok	Lower Slikok
#Days Deployed	30	31	31	27	35	32	?	27
Month	Jul	Jul	Jul	Aug	Sep	Oct	Sep	Apr
Year	2002	2002	2002	2002	2002	2002	2000	2001
TPAH (ng/device)	188.14	401.57	319.44	215.86	97.06	128.41	620.93	209.54
TPAH (ng/g)	85.14	181.74	144.57	97.69	43.93	58.12	281.01	94.83
N0	0.00	0.00	0.00	0.00	0.00	35.22	330.61	41.53
N1	0.00	0.00	0.00	0.00	0.00	12.02	23.96	0.00
N2	0.00	0.00	0.00	0.00	0.00	15.24	0.00	17.29
N3	0.00	0.00	0.00	0.00	0.00	14.51	21.52	24.35
N4	0.00	0.00	0.00	0.00	0.00	23.10	23.65	4.85
BPH	0.00	0.00	2.51	0.00	0.00	0.87	0.00	0.00
ACY	14.33	2.08	28.02	17.13	3.60	0.00	0.00	0.00
ACE	22.05	20.20	44.96	14.43	14.54	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.00	0.00	0.00	0.00	0.00	4.13	6.06	0.00
F2	0.00	0.00	0.00	0.00	0.00	0.00	20.31	4.19
F3	0.00	0.00	0.00	0.00	0.00	0.00	8.53	0.00
D0	5.53	21.80	16.79	12.93	8.16	0.00	0.00	0.00
D1	17.30	68.24	57.70	43.69	19.06	1.66	4.81	4.43
D2	7.42	41.74	32.49	19.93	6.51	0.00	8.43	6.04
D3	0.00	0.00	0.00	0.00	0.00	0.00	5.50	3.48
P0	2.67	2.62	1.46	0.00	0.00	1.52	6.65	24.03
P1	4.68	4.39	2.31	2.72	0.00	5.93	29.36	23.05
P2	4.22	1.70	2.70	1.80	0.00	0.00	42.92	13.69
P3	9.61	25.21	0.00	0.00	0.00	0.00	24.70	6.83
P4	2.88	13.08	3.94	3.56	1.35	0.00	2.32	0.00
ANT	18.95	59.45	28.82	23.62	10.23	0.00	0.00	0.00
FLA	25.79	57.79	48.09	38.24	14.22	6.04	14.10	10.87
PYR	8.02	19.48	13.12	9.02	4.68	8.16	10.33	7.50
C1F	2.10	1.73	2.97	0.00	0.00	0.00	7.04	3.26
BAA	0.00	1.28	0.00	0.00	0.00	0.00	0.00	0.00
C0	21.59	26.47	10.74	10.63	5.96	0.00	8.68	5.45
C1	15.40	24.77	16.14	11.31	7.40	0.00	5.04	1.75
C2	6.78	14.19	11.26	6.47	2.70	0.00	3.64	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	1.71	3.17	1.86	3.95	0.00	0.00	0.00	0.00
BbF	0.00	2.02	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	12.74	6.96
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1208309	1302813	1400806	1401913	1402416	1401930	1304411	1304412
Sample Description	Lower Slikok	Lower Slikok	Lower Slikok	Lower Slikok	Marlow	Marlow	Marydale (inlet)	Marydale (outlet)
#Days Deployed	21	32	22	30	28	30	32	32
Month	Apr	Jul	Apr	Jul	Aug	Jul	Oct	Oct
Year	2002	2002	2003	2003	2003	2003	2002	2002
TPAH (ng/device)	142.18	156.48	214.78	168.09	398.45	407.64	9871.47	452.82
TPAH (ng/g)	64.35	87.35	97.20	76.07	180.32	184.49	4467.54	204.93
N0	14.81	0.00	40.71	0.00	0.00	11.78	43.33	22.59
N1	0.00	0.00	0.00	0.00	0.00	0.00	110.74	15.79
N2	0.00	0.00	1.40	0.00	0.00	0.00	354.45	36.32
N3	0.00	0.00	18.21	0.00	0.00	20.72	531.91	36.28
N4	4.42	20.17	23.98	8.46	48.09	57.98	357.76	30.03
BPH	0.00	0.00	0.00	0.00	0.00	0.00	13.07	1.40
ACY	6.94	14.70	0.00	0.00	0.00	0.00	4.87	0.00
ACE	3.93	15.00	0.00	0.00	0.00	0.00	343.93	15.42
F0	0.00	0.00	0.00	0.00	0.00	0.00	497.48	24.34
F1	0.00	0.00	5.94	3.47	2.72	6.18	226.30	13.98
F2	0.00	0.00	5.29	0.00	45.09	65.23	281.60	0.00
F3	0.00	0.00	0.00	0.00	57.11	62.71	307.98	0.00
D0	13.06	6.30	0.00	0.00	0.00	0.00	225.45	11.42
D1	32.76	12.74	6.15	2.59	3.24	1.39	176.50	9.11
D2	9.31	0.00	7.42	5.34	6.41	6.13	240.20	13.25
D3	0.00	0.00	0.00	0.00	4.55	0.00	158.42	5.70
P0	0.00	2.00	0.30	4.57	0.00	1.05	1771.27	85.24
P1	0.00	3.65	18.96	13.19	19.68	26.45	711.55	26.63
P2	2.30	3.44	16.78	14.62	96.49	71.44	535.40	20.23
P3	10.02	4.45	8.02	6.29	44.62	18.47	244.36	0.00
P4	2.09	4.03	0.00	0.00	0.73	0.00	0.00	0.00
ANT	7.56	15.64	0.00	0.00	0.00	0.00	240.93	0.00
FLA	9.17	16.77	13.26	10.90	13.03	14.58	996.66	41.48
PYR	4.66	9.74	15.40	8.16	29.99	27.12	589.71	25.65
C1F	0.00	2.19	3.87	4.07	20.88	13.75	152.13	4.64
BAA	0.00	0.00	0.00	0.00	0.00	0.00	33.65	0.00
C0	13.92	10.91	3.47	2.48	2.93	2.69	360.65	13.31
C1	7.11	5.51	4.23	0.00	2.88	0.00	194.05	0.00
C2	2.20	3.91	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	2.78	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	3.20	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	42.32	0.00
BkF	0.00	3.36	0.00	0.00	0.00	0.00	41.78	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	61.46	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	8.31	0.00
PER	0.00	0.00	21.39	83.95	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	13.25	0.00

SIN	1304611	1304612	1400113	1400115	1400217	1400225	1400825	1400827
Sample Description	Marydale (inlet)	Marydale (outlet)	Marydale (inlet)	Marydale (outlet)	Marydale (inlet)	Marydale (outlet)	Marydale (inlet)	Marydale (outlet)
#Days Deployed	34	34	22	22	27	47	22	22
Month	Nov	Nov	Feb	Feb	Mar	Mar	Apr	Apr
Year	2002	2002	2003	2003	2003	2003	2003	2003
TPAH (ng/device)	52039.91	20920.56	51492.67	27306.51	13627.21	11200.98	11146.04	13759.98
TPAH (ng/g)	23551.73	9468.03	23304.07	12358.12	6167.27	5069.23	5044.37	6227.36
N0	12.51	69.44	42.72	16.08	42.75	43.66	60.58	5.96
N1	104.68	120.37	164.11	116.56	78.05	49.35	34.17	5.81
N2	464.03	218.27	1735.66	1050.77	446.07	283.08	164.89	103.89
N3	1262.25	360.58	6228.20	2577.57	763.11	559.75	357.83	336.89
N4	1262.96	336.69	3929.16	1582.57	550.83	429.31	350.55	517.15
BPH	24.81	28.39	26.81	25.76	7.66	10.87	5.94	2.08
ACY	13.36	13.19	15.80	15.40	4.12	5.52	0.00	0.00
ACE	408.18	275.92	305.31	303.70	38.09	104.35	55.10	32.00
F0	903.57	502.68	629.91	669.42	111.08	194.86	126.68	67.30
F1	555.16	174.74	1001.44	568.25	155.54	123.14	104.71	70.22
F2	1049.75	394.77	2198.82	904.00	402.79	323.06	302.30	254.07
F3	1723.04	626.92	2480.42	1182.44	724.73	701.07	788.53	691.43
D0	937.87	396.77	652.62	507.87	200.09	215.72	179.25	129.15
D1	1235.95	403.58	1716.29	713.25	370.85	287.93	300.32	362.68
D2	2087.78	706.87	2780.20	997.43	731.17	489.14	565.29	975.09
D3	1486.91	479.42	1537.37	564.88	400.59	233.72	322.81	625.74
P0	8198.50	3117.02	5366.00	3450.90	1632.62	1716.42	1323.21	889.45
P1	4462.94	1501.04	1820.29	2531.28	1185.21	934.37	940.22	951.38
P2	4485.31	1579.81	4501.27	2243.46	1324.79	920.07	1073.63	1600.05
P3	1742.27	730.28	1573.01	1321.66	639.11	409.93	523.98	1053.52
P4	388.33	200.43	389.67	203.84	43.65	26.07	35.14	69.73
ANT	1254.85	409.86	778.99	366.65	58.88	83.24	109.65	43.36
FLA	5719.57	2152.88	3997.54	1671.38	1358.02	1219.44	1254.85	1379.81
PYR	4077.02	1591.09	2958.05	1222.34	918.43	877.37	818.79	1240.59
C1F	1338.34	492.57	1136.21	419.17	284.89	189.15	277.50	428.13
BAA	892.42	363.15	396.44	191.28	55.41	40.12	55.57	70.10
C0	2225.33	991.62	1251.07	570.77	386.79	246.92	402.43	613.99
C1	1157.39	632.21	851.79	547.12	259.04	165.62	256.40	511.06
C2	645.57	516.41	0.00	335.15	99.50	62.52	89.68	185.54
C3	103.83	112.90	25.29	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	3.57	0.00	0.00	0.00	0.00	0.00
BbF	573.47	380.14	462.44	78.64	101.57	56.49	76.00	143.22
BkF	247.67	168.20	210.97	74.13	86.58	66.30	79.16	141.86
BEP	346.52	240.04	168.91	109.84	98.44	68.20	83.94	161.91
BAP	301.89	211.93	64.45	48.21	23.60	22.11	11.60	30.31
PER	90.28	61.66	21.51	16.93	3.97	5.11	4.31	27.90
IDP	125.10	181.85	36.80	55.32	16.49	15.62	0.00	14.83
DBZ	21.95	29.49	0.00	7.18	0.00	0.00	0.00	0.00
BzP	108.56	147.39	33.55	45.31	22.70	21.41	11.05	23.77

Table 2

SIN	1401941	1401943	1503016	1503017	1504106	1504107	1504406	1504407
Sample Description	Marydale (inlet)	Marydale (outlet)	Marydale (inlet)	Marydale (outlet)	Marydale (inlet)	Marydale (outlet)	Marydale (inlet)	Marydale (outlet)
#Days Deployed	30	30	27 days	27 days	28	28	29	29
Month	Jul	Jul	Jul	Jul	Oct	Oct	Nov	Nov
Year	2003	2003	2004	2004	2004	2004	2004	2004
TPAH (ng/device)	11990.67	5560.62	1116883	105778.39	36695.54	14337.59	43846.16	70081.68
TPAH (ng/g)	5426.63	2516.57	507213	48037.42	16664.64	6511.17	19911.97	31826.37
N0	0.00	0.00	185.53	0.00	40.55	49.93	0.00	0.00
N1	0.00	0.00	7579.00	166.84	50.87	0.00	29.32	99.89
N2	135.90	0.00	87761.32	4671.31	446.21	29.21	636.61	1133.36
N3	376.81	73.72	226704.5	19295.77	2155.52	571.73	2155.57	3922.49
N4	424.67	149.73	246359.0	26539.24	2140.88	1167.28	2164.04	4310.95
BPH	0.05	0.00	149.80	0.00	0.00	0.00	0.00	0.00
ACY	6.00	0.00	0.00	0.00	21.22	0.00	6.98	25.94
ACE	67.28	8.31	419.95	28.51	44.02	0.00	17.28	55.03
F0	137.81	15.68	6489.39	387.50	186.21	0.00	122.94	37.56
F1	137.39	25.89	40663.12	3996.36	652.60	135.76	654.97	1023.76
F2	402.19	107.75	80893.33	9392.84	1364.28	595.64	1607.24	2944.18
F3	516.89	209.40	27370.02	4451.77	1087.84	513.72	1496.61	2462.31
D0	176.58	43.28	11422.73	814.33	331.32	32.41	381.25	692.11
D1	292.79	122.83	46263.61	3712.62	1053.56	428.34	1948.86	3676.96
D2	493.47	343.23	56310.62	3829.10	1328.12	690.21	2357.06	4839.41
D3	319.60	303.49	14922.00	1264.05	1065.35	468.99	2110.15	2103.84
P0	1316.13	194.89	30192.09	1988.08	3119.32	341.91	2114.25	4161.00
P1	898.05	244.40	109491.1	8742.84	3450.88	1332.48	5518.91	10956.00
P2	951.93	466.77	85604.99	7596.21	3528.55	1696.60	6800.88	10454.88
P3	445.93	376.92	21678.13	1979.80	1757.43	812.50	4016.99	4230.88
P4	92.46	96.92	3301.56	172.88	289.38	141.78	678.20	416.88
ANT	116.78	6.60	1283.13	94.19	182.55	12.63	118.90	230.71
FLA	1655.18	691.24	3373.11	1628.07	5070.54	2057.90	1923.27	4084.74
PYR	1044.49	590.58	2493.22	1352.39	3308.02	1495.56	1886.08	3635.83
C1F	294.66	184.47	2792.81	488.75	817.39	288.69	918.54	1136.41
BAA	161.57	51.15	164.23	69.16	181.54	34.50	97.72	141.97
C0	679.31	476.90	1729.26	1500.91	1250.54	624.31	1020.36	1388.16
C1	251.50	279.16	625.10	679.83	500.91	246.66	1052.64	860.29
C2	66.56	82.83	152.53	169.76	89.42	142.03	740.72	399.52
C3	0.00	6.43	52.00	106.32	60.18	34.70	256.73	92.26
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	189.38	125.06	176.74	221.90	442.32	118.41	303.90	201.03
BkF	106.25	80.24	109.45	134.02	223.41	94.83	104.90	74.15
BEP	118.75	114.18	107.72	219.22	263.14	123.30	338.12	192.07
BAP	35.40	10.13	29.88	15.61	73.74	18.85	60.08	36.45
PER	9.22	30.85	0.00	33.68	0.00	0.00	60.40	27.58
IDP	39.18	22.53	0.00	0.00	50.00	0.00	47.76	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	30.50	25.08	31.58	34.55	67.74	36.73	97.90	33.09

SIN	1504508	1504509	1600107	1600108	1208323	1302832	1400816	1401922
Sample Description	Marydale (inlet)	Marydale (outlet)	Marydale (inlet)	Marydale (outlet)	Moose River	Moose River	Moose River	Moose River
#Days Deployed	29	29	29	29	21	31	22	30
Month	Feb	Feb	Mar	Mar	Apr	Jul	Apr	Jul
Year	2005	2005	2005	2005	2002	2002	2003	2003
TPAH (ng/device)	13350.06	14179.33	40962.02	37755.44	44.66	594.87	91.75	243.39
TPAH (ng/g)	6062.70	6439.30	18602.19	17145.98	23.56	269.22	41.52	110.15
N0	0.00	0.00	20.48	0.00	5.05	0.00	4.24	1.04
N1	115.61	101.79	67.41	81.84	0.00	0.00	0.00	0.00
N2	490.68	521.55	866.99	1531.85	0.00	0.00	7.65	0.00
N3	843.13	1136.52	2734.43	3586.23	0.00	0.00	18.18	21.26
N4	542.70	989.59	1780.64	1729.10	0.00	0.00	0.00	34.72
BPH	16.71	0.00	0.00	0.00	0.00	3.23	0.00	0.00
ACY	13.19	9.20	7.20	8.88	5.97	44.35	0.00	0.00
ACE	0.00	20.99	68.17	84.30	6.68	87.74	0.00	0.00
F0	85.49	95.24	199.53	247.44	0.00	0.00	0.00	0.00
F1	231.28	300.00	439.30	601.93	0.00	0.00	7.71	11.98
F2	602.62	607.15	1147.95	956.60	0.00	0.00	0.00	45.89
F3	789.51	562.61	1134.78	1071.33	0.00	0.00	0.00	27.47
D0	344.11	297.71	407.05	480.01	6.88	25.58	0.00	0.00
D1	800.18	791.43	1714.15	1582.85	3.89	101.86	0.00	1.63
D2	717.43	710.32	2185.82	1707.55	0.00	32.19	0.00	3.13
D3	417.25	438.76	1522.29	1052.79	0.00	0.00	0.00	0.00
P0	1002.51	1005.01	3405.86	3885.00	0.00	3.30	0.00	0.61
P1	2161.10	1951.95	5241.22	4977.09	0.00	11.37	0.00	25.35
P2	1925.31	1828.44	5756.64	4464.09	0.00	8.61	0.00	33.62
P3	796.28	802.30	2700.00	1831.57	0.00	0.00	0.00	7.43
P4	83.84	87.49	282.29	13.55	1.64	11.95	0.00	0.00
ANT	15.71	35.74	103.94	106.58	5.60	47.96	0.00	0.00
FLA	220.01	539.79	2820.49	2666.26	4.86	101.16	4.40	11.96
PYR	304.70	563.84	2145.08	1980.55	2.20	31.60	11.16	11.63
C1F	178.32	212.24	699.30	530.58	0.00	3.76	0.00	5.66
BAA	4.10	12.40	58.05	96.76	0.00	0.00	0.00	0.00
C0	209.11	265.85	1233.48	951.56	0.00	24.15	0.00	0.00
C1	218.84	167.41	817.55	559.39	1.56	35.85	0.00	0.00
C2	119.89	27.58	461.88	98.12	1.98	24.13	0.00	0.00
C3	30.54	11.75	113.15	75.05	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	4.84	0.00	0.00
BbF	24.19	30.67	359.14	339.90	0.00	4.44	0.00	0.00
BkF	0.00	16.39	94.38	105.17	0.00	1.99	0.00	0.00
BEP	45.70	37.62	237.97	203.32	0.00	0.00	0.00	0.00
BAP	0.00	0.00	17.62	34.36	0.00	0.00	0.00	0.00
PER	0.00	0.00	22.36	0.00	0.00	0.00	38.41	0.00
IDP	0.00	0.00	37.97	52.19	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	57.45	61.63	0.00	0.00	0.00	0.00

SIN	1208315	1208307	1302820	1400812	1401917	1503005	1600909	1603306
Sample Description	Morgan's Landing	Pillars	Pillars	Pillars	Pillars	Upstream Pillars	Upstream Pillars	Upstream Pillars
#Days Deployed	21	21	30	23	30	27	28	26
Month	Apr	Apr	Jul	Apr	Jul	Jul	Apr	Jul
Year	2002	2002	2002	2003	2003	2004	2005	2005
TPAH (ng/device)	136.37	163.04	1254.78	85.95	960.98	697.53	77.39	936.15
TPAH (ng/g)	61.72	73.79	570.65	38.90	434.91	316.77	**35.15**	425.13
N0	6.99	8.97	0.00	0.00	3.96	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	0.00	0.00	1.58	0.00	0.00	0.00	0.00
N3	0.00	0.00	0.00	24.05	19.48	13.24	20.76	9.71
N4	11.28	4.83	0.00	28.03	102.12	77.20	7.93	86.99
BPH	4.89	1.65	1.68	0.00	0.00	0.00	0.00	0.00
ACY	20.21	10.83	28.74	0.00	0.00	0.00	0.00	0.00
ACE	5.59	15.05	119.45	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.00	0.00	0.00	0.00	15.56	0.00	0.00	0.00
F2	0.00	0.00	0.00	0.00	152.91	92.14	0.00	48.25
F3	11.21	16.96	0.00	0.00	187.71	93.56	0.00	118.80
D0	18.50	22.35	25.00	0.00	0.00	0.00	0.00	0.00
D1	20.88	26.00	202.97	0.00	2.85	0.00	0.00	5.50
D2	0.00	11.08	270.22	0.00	6.30	10.54	0.00	5.76
D3	0.00	0.00	0.00	0.00	6.41	9.83	0.00	6.33
P0	0.00	0.00	1.62	0.84	2.60	0.00	0.00	0.00
P1	0.00	1.53	9.64	5.90	42.27	18.22	20.72	14.90
P2	1.84	4.26	13.58	0.00	176.22	148.26	15.29	273.30
P3	8.34	7.02	0.00	0.00	67.40	81.52	0.00	209.27
P4	1.32	1.94	7.77	0.00	5.25	5.44	5.38	0.00
ANT	8.29	7.26	35.88	0.00	0.00	0.00	0.00	0.00
FLA	8.78	8.26	190.74	9.58	18.79	10.75	0.00	20.06
PYR	4.55	6.62	115.68	6.80	74.88	69.40	7.32	54.18
C1F	0.00	2.36	14.84	0.00	45.91	44.75	0.00	63.64
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	5.16	3.81	15.17	2.62	5.85	9.85	0.00	19.45
C1	2.94	2.86	97.19	0.00	5.39	12.82	0.00	0.00
C2	1.81	2.99	63.98	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	12.59	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	8.57	0.00	6.70	0.00	0.00	0.00
BkF	0.00	0.00	5.38	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	3.16	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	15.86	6.53	5.29	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	7.70	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	3.95	0.00	0.00	0.00

SIN	1503007	1603309	1400814	1208305	1302812	1400805	1401912	1208312
Sample Description	Poachers Cove	Poacher's Cove	Scout Lake Rd	Simmons Creek	Simmons Creek	Simmons Creek	Simmons Creek	Soldotna Bridge
#Days Deployed	27	26	22	21	32	22	30	21
Month	Jul	Jul	Apr	Apr	Jul	Apr	Jul	Apr
Year	2004	2005	2003	2002	2002	2003	2003	2002
TPAH (ng/device)	521.25	628.28	193.49	38.11	70.49	111.03	24.88	582.11
TPAH (ng/g)	236.72	285.32	87.57	17.25	37.22	50.25	11.26	263.44
N0	0.00	0.00	64.73	0.00	0.00	71.10	5.03	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	0.00	1.65	0.00	0.00	3.35	0.00	12.09
N3	0.00	11.80	24.28	0.00	0.00	10.50	0.00	21.05
N4	55.84	57.95	30.10	0.00	0.00	4.16	6.01	90.94
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.26
ACY	0.00	0.00	0.00	0.00	9.96	0.00	0.00	135.53
ACE	0.00	0.00	0.00	3.82	5.29	0.00	0.00	28.30
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.65
F1	0.00	0.00	7.92	0.00	0.00	3.16	2.00	4.63
F2	75.33	52.28	0.00	0.00	0.00	0.00	4.17	4.05
F3	103.88	61.60	0.00	0.00	0.00	0.00	0.00	54.61
D0	0.00	0.00	0.00	5.70	0.00	0.00	0.00	50.08
D1	0.00	0.00	0.00	8.55	7.98	0.00	0.60	36.85
D2	7.08	7.75	0.00	0.00	0.00	0.00	0.00	10.44
D3	6.62	6.77	0.00	0.00	0.00	0.00	0.00	3.21
P0	0.00	0.00	0.00	0.00	0.00	0.00	1.55	2.77
P1	6.84	22.09	11.68	0.00	2.15	3.16	3.63	5.28
P2	107.76	188.89	14.52	1.47	1.35	5.32	0.00	3.72
P3	67.45	120.40	0.00	0.00	0.00	0.00	0.00	48.66
P4	0.00	0.00	0.00	1.62	2.21	0.00	0.00	5.81
ANT	0.00	0.00	0.00	4.61	10.22	0.00	0.00	27.30
FLA	0.00	19.48	7.93	3.78	9.70	3.39	0.00	14.49
PYR	40.97	29.14	12.43	2.61	6.78	2.96	1.84	6.38
C1F	33.68	34.03	4.21	0.00	1.10	1.41	0.06	1.54
BAA	0.00	3.61	0.00	0.00	0.00	0.00	0.00	1.56
C0	7.35	12.48	0.00	2.86	4.47	0.00	0.00	11.38
C1	8.46	0.00	0.00	2.94	4.40	2.52	0.00	9.11
C2	0.00	0.00	0.00	1.76	2.72	0.00	0.00	3.71
C3	0.00	0.00	0.00	0.00	2.65	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	1.74	0.00	0.00	2.14
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	14.05	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1302816	1400808	1402808	1402909	1500109	1500509	1106514	1200104
Sample	Soldotna	Soldotna	Soldotna	Soldotna	Soldotna	Soldotna	Soldotna	Soldotna
Description	Bridge	Bridge	Bridge	Bridge	Bridge	Bridge	Creek	Creek
#Days Deployed	32	23	22	26	26	30	?	21
Month	Jul	Apr	Jan	Feb	Mar	Apr	Sep	Jan
Year	2002	2003	2004	2004	2004	2004	2000	2001
TPAH (ng/device)	173.76	132.47	1738.69	78.82	533.43	1842.27	231.29	422.27
TPAH (ng/g)	83.01	59.95	786.88	35.80	242.25	836.64	104.68	191.11
N0	0.00	20.59	0.00	0.00	0.00	0.00	51.19	9.16
N1	0.00	0.00	106.23	0.00	0.00	0.00	0.00	38.01
N2	0.00	0.55	454.02	33.84	23.46	37.02	0.00	6.85
N3	0.00	22.65	482.05	23.96	59.94	227.79	17.46	37.29
N4	0.00	21.57	173.15	10.42	55.44	191.68	16.53	30.03
BPH	0.00	0.00	21.56	0.00	0.00	0.00	0.00	0.00
ACY	3.01	1.88	0.00	0.00	0.00	0.00	0.00	0.00
ACE	31.11	0.00	20.66	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	60.29	0.00	0.00	0.00	0.00	0.00
F1	0.00	6.86	73.36	0.00	0.00	34.84	5.32	10.07
F2	0.00	27.39	69.22	0.00	25.17	95.48	14.46	18.36
F3	0.00	0.00	0.00	0.00	0.00	47.61	9.22	9.51
D0	5.92	0.00	21.06	0.00	0.00	14.89	0.00	0.00
D1	36.30	4.41	13.04	0.00	21.29	86.04	3.89	7.26
D2	24.21	0.00	0.00	0.00	34.84	112.94	5.15	19.98
D3	0.00	0.00	0.00	0.00	30.27	65.27	3.22	18.87
P0	0.00	0.00	149.12	0.00	17.07	66.40	4.45	14.23
P1	2.21	0.00	56.31	4.80	57.23	223.76	21.95	46.48
P2	2.71	0.00	15.56	5.79	75.37	236.01	21.66	59.53
P3	0.00	0.00	0.00	0.00	50.34	107.44	12.16	30.62
P4	1.78	0.00	0.00	0.00	5.87	12.95	2.97	6.65
ANT	8.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	29.20	8.77	12.84	0.00	0.00	44.79	8.25	11.83
PYR	12.48	6.30	10.22	0.00	16.44	62.30	8.66	18.25
C1F	1.16	0.00	0.00	0.00	15.73	33.63	4.71	14.08
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	1.67	0.00	0.00	16.43	48.01	6.37	8.38
C1	9.00	0.00	0.00	0.00	28.54	65.29	2.25	4.26
C2	5.73	0.00	0.00	0.00	0.00	28.13	1.96	2.56
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	9.82	0.00	0.00	0.00	0.00	9.47	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1200114	1200404	1200611	1200616	1203105	1204205	1204304	1204705
Sample Description	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek
#Days Deployed	25	21	28	27	22	26	20	23
Month	Feb	Mar	Apr	Apr	May	Jun	Jul	Aug
Year	2001	2001	2001	2001	2001	2001	2001	2001
TPAH (ng/device)	375.78	664.94	372.65	217.82	163.19	170.52	259.56	103.67
TPAH (ng/g)	170.07	300.93	168.65	98.58	73.86	77.17	117.47	46.92
N0	8.45	0.00	27.77	6.75	27.66	0.00	0.00	0.00
N1	4.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	33.16	40.91	7.51	0.00	4.99	4.41	4.36	0.00
N3	68.80	110.26	27.98	14.21	16.26	19.58	27.17	15.42
N4	34.42	33.23	15.28	6.88	11.79	12.14	27.89	4.18
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	5.36	0.00	0.00	0.00	0.00	0.00	0.00
F1	12.93	20.04	0.00	0.00	4.42	6.77	5.65	0.00
F2	10.59	23.34	11.90	7.06	4.78	11.47	16.85	0.00
F3	0.00	26.08	3.81	0.00	6.10	0.00	11.88	0.00
D0	2.26	3.44	0.00	0.00	0.00	0.00	0.00	0.00
D1	9.11	17.32	8.78	3.87	1.95	5.13	5.33	2.73
D2	0.00	26.33	22.67	11.69	3.22	8.98	11.43	5.16
D3	10.23	21.63	16.00	8.61	2.52	5.26	10.25	4.30
P0	20.15	38.82	10.75	8.33	7.07	4.53	4.79	0.00
P1	40.26	82.89	44.02	25.82	12.52	21.95	21.36	11.80
P2	37.20	79.70	51.34	28.28	13.11	21.11	27.09	12.22
P3	19.07	26.79	24.61	14.44	5.19	9.31	22.24	5.95
P4	4.02	6.73	4.32	3.62	0.00	1.19	4.26	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	7.87	18.97	20.68	17.99	6.88	10.01	5.96	4.74
PYR	12.28	23.64	21.21	15.23	9.00	5.81	10.02	5.63
C1F	9.42	15.43	12.68	8.16	3.36	4.61	7.78	3.47
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	7.91	18.17	14.83	11.01	5.19	11.54	10.29	6.36
C1	6.86	10.16	6.74	5.28	3.89	4.12	7.23	3.56
C2	5.16	6.38	6.35	7.11	3.53	2.61	4.97	1.74
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	11.09	9.30	13.39	13.48	9.76	0.00	12.75	16.40
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1208005	1208105	1208205	1208335	1301305	1301404	1302705	1302817
Sample Description	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek	Soldotna Creek
#Days Deployed	19	21	21	23	20	30	33	32
Month	Sep	Oct	Feb	Apr	Mar	May	Jun	Jul
Year	2001	2001	2002	2002	2002	2002	2002	2002
TPAH (ng/device)	99.62	112.89	188.03	1360.81	578.91	383.43	239.96	464.38
TPAH (ng/g)	45.09	51.09	90.12	623.99	267.59	188.98	123.03	242.34
N0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	4.47	0.00	0.00	0.00	0.00	0.00	0.00
N3	13.95	18.24	0.00	0.00	8.33	0.00	0.00	0.00
N4	14.20	10.60	16.07	14.38	36.69	0.00	0.00	4.93
BPH	0.00	0.00	0.00	21.27	8.79	4.78	2.49	1.65
ACY	0.00	0.00	33.40	116.81	67.33	34.94	13.44	21.71
ACE	0.00	0.00	15.87	60.33	17.40	20.35	30.52	33.42
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	5.89	4.84	0.00	0.00	0.00	0.00	0.00	0.00
F2	5.86	5.90	0.00	0.00	0.00	0.00	0.00	0.00
F3	0.00	0.00	0.00	6.86	0.00	0.00	0.00	0.00
D0	0.00	0.00	18.19	57.47	15.13	18.42	7.49	7.61
D1	2.70	2.15	17.84	79.92	20.76	27.90	18.85	24.18
D2	4.27	3.69	10.70	78.46	13.06	9.33	5.20	4.54
D3	2.43	2.27	0.00	2.05	5.50	0.00	0.00	0.00
P0	3.97	6.04	2.70	26.45	23.10	5.25	5.83	12.20
P1	12.30	11.45	3.91	70.18	42.33	17.19	14.75	35.68
P2	9.79	9.36	4.67	61.95	35.73	15.67	12.41	30.45
P3	3.54	5.47	6.05	39.28	25.74	13.34	4.80	5.34
P4	0.00	0.00	4.46	36.78	16.36	10.98	7.41	12.80
ANT	0.00	0.00	21.20	167.64	78.66	46.38	28.83	43.89
FLA	2.97	2.88	17.19	210.87	76.39	59.27	34.28	71.34
PYR	3.26	4.19	10.07	97.29	32.70	35.17	11.73	42.67
C1F	1.58	1.85	0.00	25.26	6.76	5.61	2.56	9.43
BAA	0.00	0.00	0.00	1.39	0.00	0.00	0.00	0.00
C0	4.62	0.00	5.76	50.07	14.88	27.42	15.20	22.92
C1	6.69	2.81	0.00	53.90	21.26	24.12	14.45	25.44
C2	1.62	0.00	4.39	47.82	16.09	14.17	7.18	16.71
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	33.54	12.45	8.90	6.43	16.24
BbF	0.00	0.00	0.00	30.96	10.34	0.00	6.02	25.92
BkF	0.00	0.00	0.00	15.15	6.62	0.00	0.00	9.76
BEP	0.00	0.00	0.00	1.81	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	16.69	0.00	5.86	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	5.12	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1304109	1304305	1304405	1304605	1400110	1400211	1400811	1401410
Sample	Soldotna	Soldotna	Soldotna	Soldotna	Soldotna	Soldotna	Soldotna	Soldotna
Description	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
#Days Deployed	27	35	32	33	23	23	22	23
Month	Aug	Sep	Oct	Nov	Feb	Mar	Apr	May
Year	2002	2002	2002	2002	2003	2003	2003	2003
TPAH (ng/device)	610.36	487.68	405.08	898.34	1719.93	276.64	293.40	156.32
TPAH (ng/g)	299.44	237.84	183.33	406.56	778.39	125.20	132.78	70.74
N0	0.00	0.00	17.05	84.18	19.24	94.25	26.83	0.00
N1	0.00	0.00	0.00	16.57	4.24	0.90	0.00	0.00
N2	0.00	0.00	7.99	35.57	76.16	10.08	3.82	0.00
N3	0.00	0.00	58.24	95.16	304.30	26.31	59.74	27.29
N4	0.00	0.00	0.00	81.99	186.91	16.25	54.79	13.28
BPH	3.46	4.37	0.00	0.90	0.00	0.00	0.00	0.00
ACY	31.61	33.94	0.00	0.00	0.00	0.00	0.00	0.00
ACE	90.86	47.71	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	2.92	4.12	0.00	0.00	0.00
F1	0.00	0.00	13.85	24.44	37.59	2.99	11.49	4.02
F2	0.00	0.00	0.00	0.00	94.16	6.19	0.00	4.67
F3	0.00	0.00	0.00	0.00	67.35	0.00	0.00	0.00
D0	8.63	16.22	1.56	4.00	6.41	0.00	0.00	0.00
D1	25.01	31.70	14.55	25.52	43.22	4.66	5.92	5.15
D2	16.55	13.89	29.35	47.28	84.19	10.44	9.50	6.97
D3	0.00	1.79	10.17	30.16	54.62	6.71	0.00	4.85
P0	15.78	15.83	11.33	32.88	44.36	3.74	4.45	1.86
P1	50.39	33.08	54.22	91.43	174.54	16.92	27.95	19.31
P2	44.17	28.18	70.17	107.58	196.94	18.65	28.63	17.28
P3	5.11	8.29	23.26	37.63	95.17	7.16	0.00	6.47
P4	11.28	11.62	0.00	0.00	0.00	0.00	0.00	0.00
ANT	53.22	54.88	0.00	0.00	0.00	0.00	0.00	0.00
FLA	88.54	63.42	19.46	42.53	54.87	14.53	12.20	6.54
PYR	41.31	34.17	29.28	55.45	75.59	24.22	11.83	6.15
C1F	8.36	5.78	12.97	22.42	35.25	5.72	5.74	2.97
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	24.68	21.89	10.08	16.78	22.43	3.29	5.13	2.46
C1	35.56	30.77	0.00	24.06	29.85	3.63	6.40	6.95
C2	22.03	15.19	0.00	0.00	8.42	0.00	0.00	0.00
C3	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	16.74	11.20	0.00	0.00	0.00	0.00	0.00	0.00
BbF	16.00	11.12	0.00	0.00	0.00	0.00	0.00	0.00
BkF	9.41	8.63	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	21.53	18.88	0.00	0.00	19.00	20.08
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1401710	1401915	1402409	1402509	1106515	1304415	1400117	1400119
Sample	Soldotna	Soldotna	Soldotna	Soldotna	Soldotna	Sterling	Sterling	Sterling
Description	Creek	Creek	Creek	Creek	Creek	(outlet)	(inlet)	(outlet)
#Days Deployed	28	30	29	31	?	21	22	22
Month	Jun	Jul	Aug	Sep	Sep	Mar	Feb	Feb
Year	2003	2003	2003	2003	2000	2003	2003	2003
TPAH (ng/device)	319.25	166.02	296.29	264.62	390.09	4921.65	68310.78	64774.50
TPAH (ng/g)	144.48	75.14	134.09	119.76	176.55	2227.39	30915.45	29315.04
N0	115.48	0.00	0.00	16.84	299.54	100.43	9.15	29.29
N1	0.00	0.00	0.00	0.00	0.00	34.71	185.99	490.71
N2	13.06	0.00	0.00	16.80	0.00	192.58	4206.22	7185.57
N3	3.20	0.00	0.14	29.50	8.39	415.96	13424.16	13668.96
N4	12.97	10.83	30.94	34.01	6.03	302.24	9570.08	6983.18
BPH	0.00	0.00	0.00	0.00	0.00	1.74	19.65	53.29
ACY	0.00	0.00	0.00	0.00	0.00	5.55	41.74	73.17
ACE	0.00	0.00	0.00	0.00	0.00	1.41	80.19	119.22
F0	0.00	0.00	0.00	0.00	0.00	29.18	430.53	699.96
F1	3.82	3.84	8.52	7.52	4.06	77.06	1944.90	2140.65
F2	6.61	11.99	15.54	0.00	8.28	224.02	3558.30	2685.63
F3	0.00	0.00	17.62	0.00	0.00	325.74	3633.57	2490.53
D0	0.00	0.00	0.00	0.00	0.00	38.00	373.84	642.55
D1	6.82	3.68	9.77	6.99	1.62	108.51	1529.98	1580.06
D2	10.78	9.71	21.45	13.10	1.95	245.97	2778.44	2384.09
D3	6.95	7.47	14.38	7.33	0.00	205.35	1524.13	1335.43
P0	7.78	5.92	6.75	10.72	0.00	239.96	2046.93	2961.49
P1	20.74	17.80	33.38	25.09	10.89	340.03	4814.75	4507.49
P2	21.77	18.21	39.14	26.74	9.40	451.95	5406.70	4275.71
P3	11.14	12.08	21.52	11.20	2.88	282.12	2846.18	2414.45
P4	0.98	1.29	1.47	0.81	0.00	25.95	451.04	376.95
ANT	0.00	0.00	0.00	0.00	0.00	5.76	301.30	347.25
FLA	10.00	10.84	11.91	11.79	9.00	305.31	2197.12	1958.34
PYR	10.35	11.10	16.53	12.97	5.85	315.39	2190.35	1876.79
C1F	4.13	4.73	7.24	4.83	2.55	124.85	1108.81	892.59
BAA	0.00	0.00	0.00	0.00	0.00	10.89	372.35	176.82
C0	3.63	4.25	7.25	2.70	0.00	141.27	942.12	648.71
C1	8.19	0.00	8.40	5.25	0.00	152.34	1009.81	716.79
C2	2.00	0.00	0.00	2.33	3.09	64.58	612.57	431.40
C3	0.00	0.00	0.00	0.00	0.00	0.00	78.62	53.27
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	45.08	102.36	156.37
BkF	0.00	0.00	0.00	0.00	0.00	24.22	77.97	112.10
BEP	0.00	0.00	0.00	0.00	0.00	46.43	164.07	145.81
BAP	0.00	0.00	0.00	0.00	0.00	0.00	89.02	65.37
PER	38.87	32.27	24.35	18.11	16.56	25.94	25.94	21.41
IDP	0.00	0.00	0.00	0.00	0.00	0.00	62.82	25.23
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	9.02	0.00
BzP	0.00	0.00	0.00	0.00	0.00	11.11	90.07	47.90

SIN	1400222	1400223	1400227	1400821	1400823	1401933	1401935	1503012
Sample Description	Sterling (inlet)	Sterling (outlet)	Sterling (inlet)	Sterling (inlet)	Sterling (outlet)	Sterling (inlet)	Sterling (outlet)	Sterling (inlet)
#Days Deployed	27	26	21	22	22	30	30	27
Month	Mar	Mar	Mar	Apr	Apr	Jul	Jul	Jul
Year	2003	2003	2003	2003	2003	2003	2003	2004
TPAH (ng/device)	17011.27	10820.12	11263.79	7794.35	5631.13	9574.43	3975.74	18742.27
TPAH (ng/g)	7698.80	4896.87	5097.66	3527.49	2548.49	4333	1799	8511.48
N0	586.55	54.25	81.48	0.00	0.00	8.46	2.95	0.00
N1	687.67	50.81	74.00	3.75	0.08	0.00	0.00	17.98
N2	1425.25	370.23	486.33	91.44	57.26	11.76	0.00	269.22
N3	1917.79	987.46	962.25	314.95	237.72	296.58	86.54	992.39
N4	1140.49	843.41	678.23	352.07	273.81	752.11	279.52	1478.21
BPH	93.05	4.87	5.14	0.96	0.41	0.00	0.00	0.00
ACY	29.47	0.00	11.52	0.00	0.00	0.00	0.00	0.00
ACE	32.11	1.91	19.72	0.00	0.00	2.66	0.00	0.00
F0	199.08	40.73	92.39	13.87	5.47	15.77	2.89	43.79
F1	449.78	178.95	225.41	73.75	42.97	79.27	27.72	263.52
F2	840.15	393.82	650.57	317.67	164.39	567.80	177.03	952.29
F3	935.49	568.51	1003.69	760.35	354.31	631.22	244.32	918.31
D0	149.71	57.35	100.89	32.64	17.83	43.10	10.79	128.73
D1	334.33	250.46	281.80	206.34	128.75	240.76	61.48	583.81
D2	612.49	614.42	519.55	582.68	354.56	702.28	254.76	1149.00
D3	434.46	402.01	357.71	450.18	371.31	535.53	246.55	924.20
P0	834.69	367.64	640.25	213.57	109.34	136.47	38.99	651.56
P1	1146.95	753.61	895.99	592.83	352.94	655.94	168.36	1653.93
P2	1268.34	1124.82	1052.38	944.98	612.02	1299.37	471.44	2142.32
P3	760.84	623.91	537.66	599.57	465.90	728.27	316.36	1250.36
P4	148.24	128.85	41.42	0.00	46.80	166.18	104.33	143.78
ANT	59.91	23.61	29.69	8.18	0.00	14.93	3.47	26.69
FLA	718.68	800.68	707.83	504.97	363.39	380.29	136.41	1102.54
PYR	708.06	820.97	666.33	555.39	447.52	592.01	348.21	1295.34
C1F	316.24	292.00	254.31	256.47	224.40	317.80	150.25	412.03
BAA	48.82	44.35	26.33	12.34	10.54	3.96	1.98	38.34
C0	254.06	264.21	226.12	269.92	268.16	437.77	253.81	913.59
C1	313.34	280.43	225.20	296.53	282.11	411.65	209.34	655.16
C2	199.80	151.21	108.25	158.49	153.53	135.48	81.78	290.37
C3	19.29	12.69	14.70	0.00	0.00	0.00	0.00	149.74
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	79.62	71.93	83.26	48.93	59.75	140.89	98.00	82.67
BkF	70.18	74.15	49.43	43.73	59.73	46.26	27.92	58.86
BEP	99.68	92.94	78.97	73.97	89.66	125.88	86.09	118.47
BAP	28.06	22.75	15.16	0.00	0.00	38.12	20.51	0.00
PER	8.67	15.84	12.17	0.00	59.89	12.05	33.95	0.00
IDP	19.62	12.65	15.53	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	40.30	21.70	32.10	13.83	16.57	43.81	30.01	35.05

Table 2

SIN	1503013	1504102	1504103	1504402	1504403	1504506	1504507	1600102
Sample	Sterling	Sterling	Sterling	Sterling	Sterling	Sterling	Sterling	Sterling
Description	(outlet)	(inlet)	(outlet)	(inlet)	(outlet)	(inlet)	(outlet)	(inlet)
#Days Deployed	27	28	28	29	29	29	29	29
Month	Jul	Oct	Oct	Nov	Nov	Feb	Feb	Mar
Year	2004	2004	2004	2004	2004	2005	2005	2005
TPAH (ng/device)	6943.83	35584.39	52570.90	37962.02	28369.20	25017.49	8345.49	42890.19
TPAH (ng/g)	3153.42	16160.03	23874.16	17239.79	12883.38	11361.26	3789.96	19477.83
N0	0.00	0.00	0.00	0.00	0.00	33.60	33.34	0.00
N1	0.00	0.00	0.00	0.00	0.00	477.81	254.09	0.00
N2	128.80	60.56	101.22	41.50	167.38	1900.52	797.90	568.48
N3	375.86	1043.75	1321.37	916.13	1645.35	2373.80	953.48	4313.02
N4	494.38	5032.55	3713.50	2748.55	2416.67	1457.19	594.97	3600.30
BPH	0.00	0.00	0.00	0.00	0.00	46.08	26.59	0.00
ACY	0.00	4.34	4.15	0.00	0.00	20.58	15.76	0.00
ACE	0.00	0.00	0.00	0.00	0.00	17.10	0.00	0.00
F0	26.28	22.81	39.80	0.00	19.37	197.51	91.84	33.54
F1	103.56	296.56	425.68	249.24	418.94	508.14	195.04	541.21
F2	332.59	1906.29	2312.03	1774.16	1495.28	1094.84	410.84	1760.23
F3	313.31	1543.40	1976.75	1501.54	1046.12	1251.71	378.02	1836.01
D0	62.70	88.71	125.46	27.80	65.52	308.38	127.48	128.16
D1	213.32	604.09	916.94	786.59	918.78	1176.02	360.28	1538.61
D2	400.57	1736.04	2675.41	2614.32	1523.41	1506.26	402.51	2470.22
D3	315.70	1301.80	2359.73	2663.04	1180.06	1322.04	277.39	1977.40
P0	270.60	553.05	1111.27	147.13	474.23	1014.79	425.94	955.12
P1	569.87	1454.35	3013.29	2249.23	2799.01	2436.54	766.97	4182.91
P2	698.05	3119.60	5506.40	6201.08	3752.89	2846.20	793.01	5481.62
P3	409.57	2029.79	3373.79	3600.34	1958.61	1650.59	407.71	2723.26
P4	61.62	20.73	761.69	470.73	305.72	18.59	4.37	372.28
ANT	9.21	36.63	66.10	19.68	41.78	39.91	15.41	54.76
FLA	395.18	3996.43	6275.49	2129.67	2398.58	488.68	197.24	2984.61
PYR	506.81	5602.98	7511.44	3663.62	2806.37	947.92	342.59	3148.02
C1F	152.65	833.05	1505.82	1359.94	721.03	467.43	136.82	901.02
BAA	14.03	310.26	574.76	153.15	92.70	12.95	2.52	126.76
C0	436.73	1644.41	2315.07	1259.88	725.83	367.10	117.79	908.47
C1	269.57	522.02	976.10	1143.25	513.35	489.72	115.62	723.19
C2	124.89	200.29	461.06	860.69	311.15	95.72	18.38	549.35
C3	70.27	76.18	199.34	240.31	76.96	151.44	23.66	168.78
C4	0.00	0.00	10.86	29.71	0.00	8.06	0.00	0.00
BbF	53.18	495.72	1274.50	333.88	142.34	60.74	22.03	231.55
BkF	31.28	334.43	404.06	177.26	91.96	27.28	0.00	124.95
BEP	65.98	390.13	575.24	373.36	189.37	130.24	35.90	255.58
BAP	0.00	97.92	201.52	55.15	32.52	28.41	0.00	63.82
PER	37.26	26.72	49.21	26.08	0.00	0.00	0.00	0.00
IDP	0.00	99.46	198.77	44.82	0.00	0.00	0.00	59.58
DBZ	0.00	0.00	37.78	0.00	0.00	0.00	0.00	0.00
BzP	0.00	99.33	195.29	100.20	37.91	43.64	0.00	107.41

SIN	1600104	1503006	1600905	1603307	1208313	1302818	1400809	1401916
Sample Description	Sterling (outlet)	Stewart's Landing	Stewart's Landing	Stewart's Landing	Swiftwater	Swiftwater	Swiftwater	Swiftwater
#Days Deployed	29	27	26	26	21	32	23	30
Month	Mar	Jul	Apr	Jul	Apr	Jul	Apr	Jul
Year	2005	2004	2005	2005	2002	2002	2003	2003
TPAH (ng/device)	36405.24	441.99	556.84	837.49	116.06	578.00	106.27	246.33
TPAH (ng/g)	16532.81	200.72	252.88	380.33	52.52	261.59	48	111
N0	0.00	0.00	0.00	0.00	12.36	0.00	19.71	7.27
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	691.24	0.00	13.76	0.00	0.00	0.00	0.00	0.00
N3	4625.19	11.20	45.53	37.16	0.00	0.00	14.99	0.00
N4	3260.52	50.91	47.87	83.34	3.29	0.00	23.47	35.79
BPH	0.00	0.00	0.00	0.00	2.47	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	12.82	18.51	0.00	0.00
ACE	0.00	0.00	0.00	0.00	6.16	70.38	0.00	0.00
F0	65.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	578.08	0.00	0.00	0.00	0.00	0.00	5.89	3.57
F2	1263.03	54.34	19.08	76.73	0.00	0.00	10.58	48.91
F3	1278.98	77.92	0.00	76.65	5.06	0.00	0.00	44.74
D0	141.66	0.00	0.00	0.00	16.08	12.87	0.00	0.00
D1	1372.97	0.00	13.24	0.00	13.64	105.77	0.00	1.02
D2	2364.50	7.28	31.19	8.73	0.00	94.79	0.00	3.34
D3	1457.86	5.23	27.13	7.09	0.00	0.00	0.00	0.00
P0	1127.39	0.00	21.00	0.00	0.00	1.34	0.00	0.00
P1	3914.43	14.78	57.40	54.51	0.00	7.14	0.00	12.90
P2	4411.86	98.01	77.61	238.87	0.00	8.15	0.00	42.02
P3	2135.24	48.16	54.21	124.23	6.28	0.00	0.00	12.00
P4	294.09	0.00	14.29	0.00	1.74	3.24	0.00	0.00
ANT	46.92	0.00	0.00	0.00	10.44	23.42	0.00	0.00
FLA	2390.94	0.00	44.21	34.15	12.18	109.08	9.82	5.52
PYR	2501.85	41.55	41.71	42.53	5.20	46.77	6.25	15.07
C1F	648.25	26.21	13.36	42.53	0.00	4.04	5.49	8.44
BAA	16.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	607.46	0.00	20.28	10.98	6.83	10.45	1.79	0.72
C1	526.25	6.39	15.00	0.00	3.19	31.43	0.00	2.53
C2	140.73	0.00	0.00	0.00	2.54	22.34	0.00	0.00
C3	62.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	4.97	0.00	0.00
BbF	191.57	0.00	0.00	0.00	0.00	4.27	0.00	0.00
BkF	68.00	0.00	0.00	0.00	0.00	2.28	0.00	0.00
BEP	159.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	36.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	8.28	2.50
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	24.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1106513	1503008	1600906	1603311	1503002	1600908	1603304	1106519
Sample	Upper	Upper	Upper	Upper	Warner	Warner	Warren	
Description	Slikok	Sonar	Sonar	Sonar	Ames	Ames	Ames	Field Blank
#Days Deployed	?	27	26	25	29	28	26	?
Month	Sep	Jul	Apr	Jul	Jul	Apr	Jul	Set
Year	2000	2004	2005	2005	2004	2005	2005	2000
TPAH (ng/device)	394.24	361.72	147.91	858.45	944.19	107.46	738.15	285.02
TPAH (ng/g)	178	164.27	**67.17**	389.85	428.79	48.80	335.22	129.03
N0	364.71	0.00	0.00	0.00	0.00	0.00	0.00	238.00
N1	16.60	0.00	0.00	0.00	0.00	0.00	0.00	21.99
N2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.50
N3	2.16	0.00	30.11	0.00	9.96	21.77	13.26	11.66
N4	3.79	38.90	21.98	66.90	95.31	22.48	110.76	0.00
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F2	0.00	45.00	0.00	53.36	107.93	0.00	68.26	0.00
F3	0.00	71.96	0.00	92.53	202.74	0.00	63.85	0.00
D0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1	0.00	0.00	0.00	5.02	6.21	0.00	8.88	0.00
D2	0.00	7.71	0.00	0.00	9.02	5.34	13.63	0.00
D3	0.00	5.89	0.00	0.00	9.14	0.00	15.46	0.00
P0	0.00	0.00	33.61	0.00	0.00	0.00	0.00	0.00
P1	2.30	7.16	25.76	17.09	14.23	11.88	14.83	1.96
P2	1.68	87.99	12.46	304.84	181.10	25.34	160.01	0.00
P3	1.32	47.57	0.00	208.99	112.00	11.02	155.02	0.00
P4	0.00	0.00	6.25	0.00	5.59	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	0.00	0.00	11.35	19.91	0.00	0.00	0.00	0.00
PYR	0.00	27.23	6.40	24.07	105.00	9.64	60.65	0.00
C1F	0.00	22.31	0.00	52.35	59.79	0.00	43.95	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	13.39	13.10	0.00	9.59	0.00
C1	0.00	0.00	0.00	0.00	13.08	0.00	0.00	0.00
C2	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1200107	1200117	1200407	1200620	1203107	1204207	1204707	1208007
Sample Description	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	Jan	Feb	Mar	Apr	May	Jun	Aug	Sep
Year	2001	2001	2001	2001	2001	2001	2001	2001
TPAH (ng/device)	114.69	47.38	227.10	38.55	95.83	78.00	30.39	64.82
TPAH (ng/g)	51.91	21.44	102.78	17.44	43.37	35.31	13.76	29.34
N0	9.10	6.49	0.00	8.30	37.23	0.00	0.00	0.00
N1	20.97	0.00	5.96	0.00	18.15	0.00	0.00	13.30
N2	35.35	7.53	28.55	6.60	13.82	8.30	5.07	14.35
N3	21.52	13.70	55.15	7.63	7.87	10.03	16.17	13.89
N4	1.98	2.84	27.75	3.84	2.22	7.85	0.00	5.23
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	1.72	0.00	0.00	0.00	0.00	0.00
ACE	8.19	0.00	6.54	0.00	3.73	0.00	0.00	5.37
F0	6.04	0.00	15.54	0.00	0.00	4.11	0.00	0.00
F1	4.58	0.00	24.09	0.00	0.00	6.42	0.00	0.00
F2	0.00	0.00	12.68	0.00	0.00	6.44	0.00	0.00
F3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D0	0.00	0.00	2.57	0.00	0.00	1.24	0.00	0.00
D1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D2	0.00	0.00	1.73	0.00	0.00	1.37	0.00	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	5.62	12.34	35.23	8.56	6.17	19.60	9.15	9.61
P1	1.33	3.30	9.59	1.35	2.11	5.52	0.00	3.09
P2	0.00	1.18	0.00	0.00	1.25	1.38	0.00	0.00
P3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	0.00	0.00	0.00	0.00	0.00	3.61	0.00	0.00
PYR	0.00	0.00	0.00	0.00	3.27	2.15	0.00	0.00
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	0.00	0.00	2.26	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1208107	1208207	1208333	1208337	1301307	1301406	1302707	1302819
Sample Description	Field Blank	Field Blank	Field Blank	Field Blank	field Blank	Field Blank	Field Blank	Field Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	Oct	Feb	Apr	Apr	Mar	May	Jun	Jul
Year	2001	2002	2002	2002	2002	2002	2002	2002
TPAH (ng/device)	81.31	319.75	109.17	53.16	100.86	362.16	165.00	33.38
TPAH (ng/g)	36.81	144.75	49.42	24.07	45.66	163.95	74.69	15.11
N0	0.00	0.00	18.90	7.44	17.06	17.15	12.54	0.00
N1	5.09	0.00	0.00	0.00	10.79	20.85	0.00	5.75
N2	12.70	0.00	9.21	0.00	8.22	16.09	5.12	0.00
N3	18.11	3.92	5.21	0.00	3.59	9.69	4.51	0.00
N4	6.66	40.65	15.79	0.00	10.54	37.98	26.68	5.78
BPH	0.00	5.84	3.63	3.15	0.00	7.84	2.99	0.00
ACY	0.00	59.02	0.00	9.07	21.25	56.76	28.02	6.81
ACE	6.91	23.71	4.46	5.69	4.35	9.98	18.16	5.36
F0	6.37	4.89	13.64	10.06	0.00	12.97	4.25	0.00
F1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F2	0.00	16.90	10.95	0.00	4.09	15.56	6.65	0.00
F3	0.00	70.12	19.21	15.34	5.02	46.59	16.91	0.00
D0	0.00	29.57	7.42	3.92	4.44	22.41	4.19	0.00
D1	0.00	22.17	0.00	0.00	4.76	17.87	5.95	0.00
D2	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D3	0.00	2.33	0.00	0.00	0.00	3.01	1.77	0.00
P0	18.65	1.90	0.00	0.00	0.00	2.82	0.00	0.00
P1	2.92	0.00	0.00	0.00	0.00	4.41	0.00	0.00
P2	0.00	0.00	0.00	0.00	0.00	3.76	0.00	0.00
P3	0.00	35.80	7.54	0.00	4.65	36.05	28.60	0.00
P4	0.00	0.00	0.00	0.00	0.00	2.98	0.00	0.00
ANT	0.00	8.74	2.08	1.65	3.68	12.40	4.91	1.33
FLA	0.00	1.24	0.00	0.00	2.03	5.49	0.00	0.00
PYR	2.54	0.00	0.00	0.00	0.00	3.37	0.00	2.33
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	4.38	0.00	0.00
C1	0.00	2.79	0.00	0.00	0.00	12.37	1.30	4.59
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1304114	1304307	1304613	1400112	1400125	1400203	1400220	1400803
Sample Description	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	Aug	Sep	Nov	Feb	Feb	Mar	Mar	Apr
Year	2002	2002	2002	2003	2003	2003	2003	2003
TPAH (ng/device)	165.76	65.76	388.00	247.07	173.96	282.53	320.87	3166.82
TPAH (ng/g)	75.04	29.77	175.65	111.85	78.75	127.90	145.26	1433.21
N0	13.45	0.00	93.91	39.21	54.70	159.39	89.92	17.27
N1	0.00	0.00	84.26	77.40	38.61	75.25	66.32	0.00
N2	0.00	0.00	47.23	48.65	19.07	11.25	53.63	145.70
N3	3.44	0.00	31.81	21.84	5.86	0.00	37.18	411.97
N4	15.47	7.11	2.52	0.00	0.00	0.00	0.00	251.72
BPH	1.93	0.00	5.90	8.04	5.11	3.11	7.53	0.00
ACY	18.70	12.04	0.00	0.00	0.00	0.00	0.00	0.00
ACE	10.02	3.31	18.96	23.21	17.55	12.29	18.01	0.00
F0	0.00	0.00	21.06	15.52	12.55	6.63	20.32	2.46
F1	0.00	0.00	9.95	1.84	0.00	0.00	5.04	45.89
F2	8.35	8.99	10.77	0.00	0.00	0.00	10.91	115.90
F3	9.36	12.22	0.00	0.00	0.00	0.00	0.00	121.57
D0	0.00	0.00	3.84	0.00	0.00	0.00	1.12	13.59
D1	34.94	0.00	3.19	0.00	0.00	0.00	0.00	63.17
D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.20
D3	1.55	0.00	0.00	0.00	0.00	0.00	0.00	80.87
P0	1.56	0.00	33.38	8.47	13.08	3.41	8.67	82.89
P1	1.87	0.00	8.58	1.29	0.89	0.00	0.94	301.25
P2	0.00	0.00	4.24	0.00	0.00	0.00	0.00	394.68
P3	15.91	13.07	0.00	0.00	0.00	0.00	0.00	170.98
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.34
ANT	7.68	2.42	0.00	0.00	0.00	0.00	0.00	3.51
FLA	0.00	0.00	5.01	0.00	2.18	2.05	0.63	198.15
PYR	0.00	0.00	3.49	1.66	4.41	3.71	0.76	256.80
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.90
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.75
C0	6.68	0.00	0.00	0.00	0.00	0.00	0.00	92.82
C1	20.25	6.62	0.00	0.00	0.00	0.00	0.00	70.01
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.20
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.24
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.99
BEP	0.00	0.00	0.00	0.00	0.00	5.51	0.00	19.59
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.09
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.31
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1400815	1400833	1401405	1401703	1401947	1402419	1402503	1402703
Sample Description	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	Apr	Apr	May	Jun	Jul	Aug	Sep	Dec
Year	2003	2003	2003	2003	2003	2003	2003	2003
TPAH (ng/device)	244.03	320.32	146.84	272.35	458.12	165.32	196.99	212.04
TPAH (ng/g)	110.44	144.97	66.48	123.29	207.39	74.84	89.18	95.99
N0	25.96	98.23	32.44	115.24	10.45	0.00	0.75	6.85
N1	23.31	36.32	3.28	0.00	0.00	0.00	0.00	3.96
N2	34.30	37.19	2.51	36.41	10.24	0.00	0.00	36.76
N3	34.54	23.43	14.12	6.15	67.35	9.97	7.64	21.88
N4	0.00	12.55	8.41	5.58	46.97	20.86	17.34	20.26
BPH	6.75	7.05	0.47	0.00	2.37	0.00	0.00	0.71
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	12.87	10.05	6.76	13.62	47.22	16.50	23.86	7.11
F0	29.95	24.04	12.61	23.05	85.62	23.13	27.12	13.61
F1	15.30	12.03	4.93	11.26	27.87	10.81	10.95	9.40
F2	0.00	14.83	8.84	6.84	19.69	9.85	0.00	15.85
F3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D0	6.46	1.90	3.20	3.78	9.86	9.06	9.60	6.87
D1	3.63	0.00	2.13	1.45	3.67	2.44	2.66	3.22
D2	0.00	0.00	0.00	1.38	1.24	3.56	4.07	6.36
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	40.15	36.12	32.19	35.37	101.51	40.67	55.96	37.82
P1	8.31	4.99	8.63	5.94	13.54	7.97	16.21	11.49
P2	0.00	1.33	2.66	2.20	3.46	2.68	7.79	4.37
P3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	1.40	0.00	2.22	1.44	3.91	3.29	7.71	3.16
PYR	1.10	0.29	1.47	2.70	3.30	4.58	5.39	2.42
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1402804	1402805	1402903	1500103	1503009	1504108	1504504	1600103
Sample Description	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	Jan	Jan	Feb	Mar	Jul	Oct	Mar	Apr
Year	2004	2004	2004	2004	2004	2004	2005	2005
TPAH (ng/device)	269.41	1457.16	444.14	97.75	620.82	283.33	98.71	82.34
TPAH (ng/g)	121.96	659.65	201.01	44.24	280.97	128.67	44.83	37.39
N0	0.00	27.43	28.46	0.00	0.00	52.76	0.00	0.00
N1	12.70	137.48	79.68	0.00	21.09	35.10	0.00	0.00
N2	45.11	320.60	133.10	41.70	60.22	55.80	17.93	24.42
N3	57.49	293.52	95.01	29.63	59.92	53.07	18.94	27.29
N4	16.11	138.53	38.47	12.35	58.63	20.68	19.60	11.73
BPH	4.15	35.65	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	18.75	15.66	21.76	0.00	21.20	19.78	0.00	0.00
F0	27.41	44.60	28.78	0.00	42.06	20.00	0.00	0.00
F1	11.36	52.60	0.00	0.00	31.45	0.00	0.00	0.00
F2	9.28	81.71	0.00	0.00	59.23	0.00	0.00	0.00
F3	0.00	0.00	0.00	0.00	20.28	0.00	0.00	0.00
D0	7.76	16.33	0.00	0.00	12.14	0.00	0.00	0.00
D1	3.04	13.97	0.00	0.00	7.61	0.00	0.00	0.00
D2	5.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	33.10	115.41	18.89	14.07	138.42	19.33	32.24	18.90
P1	8.97	83.34	0.00	0.00	51.15	6.82	10.01	0.00
P2	6.30	42.18	0.00	0.00	22.98	0.00	0.00	0.00
P3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	1.38	23.89	0.00	0.00	14.43	0.00	0.00	0.00
PYR	1.12	14.65	0.00	0.00	0.00	0.00	0.00	0.00
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SIN	1600903	1600913	1600915	1603308	1603314	1200101	1200111	1200401
Sample Description	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Lab Blank	Lab Blank	Lab Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	Apr	Mar	Apr	Jul	Jul	Jan	Feb	Mar
Year	2005	2005	2005	2005	2005	2001	2001	2001
TPAH (ng/device)	382.84	964.59	129.66	0.00	196.53	95.66	45.77	24.39
TPAH (ng/g)	173.86	438.05	58.88	0.00	89.25	43.30	20.72	11.04
N0	0.00	25.45	0.00	0.00	0.00	28.38	8.44	15.08
N1	20.10	133.01	0.00	0.00	0.00	11.94	0.00	0.00
N2	29.44	240.35	21.16	0.00	19.36	22.59	10.39	4.29
N3	38.37	195.92	25.86	0.00	29.71	7.30	8.40	3.92
N4	43.14	89.16	11.42	0.00	27.12	4.15	2.82	0.00
BPH	0.00	20.89	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	5.66	0.00	0.00
F0	25.91	33.55	15.26	0.00	0.00	0.00	0.00	0.00
F1	0.00	33.31	0.00	0.00	0.00	0.00	0.00	0.00
F2	35.32	42.30	0.00	0.00	21.02	0.00	0.00	0.00
F3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D0	7.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1	5.75	8.11	0.00	0.00	0.00	6.72	0.00	0.00
D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	114.87	89.33	40.87	0.00	58.70	6.32	0.00	0.00
P1	41.44	40.70	10.39	0.00	29.45	2.63	3.57	1.11
P2	14.61	12.52	4.71	0.00	11.18	0.00	0.00	0.00
P3	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.00
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PYR	6.14	0.00	0.00	0.00	0.00	0.00	6.84	0.00
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	0.00	3.42	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1203101	1204201	1204501	1204701	1208001	1208101	1208301	1301301
Sample Description	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	May	Jun	Jul	Aug	Sep	Oct	Apr	Mar
Year	2001	2001	2001	2001	2001	2001	2002	2002
TPAH (ng/device)	34.73	96.60	19.37	11.97	19.28	2.37	334.86	132.75
TPAH (ng/g)	15.72	43.73	8.77	5.42	8.73	1.07	151.59	60.10
N0	25.25	25.03	4.70	8.25	0.00	0.00	287.11	108.88
N1	0.00	19.82	6.68	0.00	0.00	0.00	9.58	0.00
N2	3.37	14.54	5.58	0.00	5.43	0.00	9.73	0.00
N3	2.09	11.76	2.41	3.72	5.77	2.37	0.00	0.00
N4	0.00	1.82	0.00	0.00	0.00	0.00	26.84	17.33
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.00
ACE	0.00	6.79	0.00	0.00	3.70	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.53
D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	0.00	6.86	0.00	0.00	0.00	0.00	0.00	0.00
P1	1.24	1.73	0.00	0.00	0.29	0.00	0.00	0.00
P2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PYR	2.79	7.76	0.00	0.00	4.10	0.00	0.00	0.00
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1301407	1302701	1302801	1302802	1302805	1304101	1304301	1304401
Sample Description	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	May	Jun	Jul	Jul	Jul	Aug	Sep	Oct
Year	2002	2002	2002	2002	2002	2002	2002	2002
TPAH (ng/device)	28.16	78.41	21.67	34.67	43.42	3.54	13.43	1.73
TPAH (ng/g)	12.75	35.50	9.81	15.69	19.65	1.60	6.08	0.78
N0	21.91	8.76	16.03	29.51	40.09	0.00	7.91	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	4.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D2	0.00	5.30	0.00	0.00	0.00	0.00	0.00	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	0.00	1.28	0.00	0.00	0.00	0.00	0.00	0.00
P1	0.00	3.14	0.00	0.00	0.00	0.00	0.00	0.00
P2	0.00	16.77	0.00	0.00	0.00	0.00	0.00	0.00
P3	0.00	0.00	0.00	0.00	0.00	0.00	3.77	0.00
P4	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00
ANT	1.28	2.00	0.00	0.00	0.00	1.61	0.00	0.00
FLA	0.00	18.19	0.00	0.00	0.00	0.00	0.00	0.00
PYR	0.00	10.22	0.00	0.00	0.00	0.00	0.00	0.00
C1F	0.00	3.58	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1	0.00	0.00	5.64	5.17	3.34	0.00	1.74	0.00
C2	0.00	3.95	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	1.43	0.00	0.00	0.00	1.93	0.00	1.73
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	3.80	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1304601	1400101	1400201	1400801	1401401	1401701	1401901	1401902
Sample Description	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	Nov	Feb	Mar	Apr	May	Jun	Jul	Jul
Year	2002	2003	2003	2003	2003	2003	2003	2003
TPAH (ng/device)	212.53	208.28	221.76	154.62	284.59	5.01	63.40	57.40
TPAH (ng/g)	96.21	94.29	100.39	69.99	128.83	2.27	28.70	25.99
N0	102.28	119.77	161.39	119.30	228.03	2.41	39.73	41.89
N1	37.09	43.02	36.12	16.29	38.22	0.00	0.00	0.00
N2	25.21	21.63	2.72	3.70	7.99	0.00	10.28	7.58
N3	9.88	3.16	0.00	0.00	0.00	0.00	0.00	0.00
N4	0.00	2.07	0.00	0.00	0.00	0.00	3.85	0.00
BPH	2.82	2.46	0.00	0.39	1.34	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	8.74	9.89	4.51	4.64	6.96	0.00	3.11	1.37
F0	8.88	4.34	2.24	0.00	2.12	0.00	1.38	0.97
F1	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00
F2	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00
F3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1	0.00	1.09	0.00	0.00	0.00	0.42	0.00	0.37
D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	8.85	0.00	1.18	0.00	0.00	0.00	1.80	2.55
P1	1.89	0.00	0.00	0.00	0.00	0.00	0.33	0.59
P2	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
P3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	1.53	0.08	0.00	0.71	0.00	0.00	0.00	0.00
PYR	5.40	0.00	0.00	9.64	0.00	2.19	2.18	2.09
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	13.65	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1402401	1402501	1402701	1402801	1402901	1500101	1500501	1503001
Sample Description	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	Aug	Sep	Oct	Jan	Feb	Mar	Apr	Jul
Year	2003	2003	2003	2004	2004	2004	2004	2004
TPAH (ng/device)	13.24	3.44	64.88	18.93	330.96	48.15	15.47	0.00
TPAH (ng/g)	5.99	1.56	29.37	8.57	149.82	21.80	7.00	0.00
N0	1.50	0.00	3.44	0.00	6.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	90.53	3.34	0.00	0.00
N2	0.00	0.00	19.24	0.00	124.16	14.85	15.47	0.00
N3	0.00	0.00	5.72	3.16	61.33	15.10	0.00	0.00
N4	3.79	0.00	0.00	0.00	8.87	8.02	0.00	0.00
BPH	0.00	0.00	0.00	0.00	14.63	1.01	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	2.47	0.00	1.67	0.00	3.63	1.10	0.00	0.00
F0	0.89	0.00	2.13	0.77	6.24	2.04	0.00	0.00
F1	0.00	0.00	3.28	0.94	2.86	0.17	0.00	0.00
F2	0.00	0.00	6.30	0.00	1.26	0.00	0.00	0.00
F3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D0	0.00	0.00	4.54	3.07	2.90	0.00	0.00	0.00
D1	0.00	0.00	2.14	0.47	0.71	0.47	0.00	0.00
D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	2.33	0.00	6.44	3.78	4.76	1.48	0.00	0.00
P1	1.23	0.00	4.44	2.11	2.03	0.58	0.00	0.00
P2	0.00	0.00	3.23	0.74	0.62	0.00	0.00	0.00
P3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00
FLA	1.03	1.10	0.97	0.78	0.41	0.00	0.00	0.00
PYR	0.00	2.34	1.35	2.60	0.12	0.00	0.00	0.00
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2

SIN	1504101	1504101	1504401	1504501	1600101	1600901	1600902	1603301
Sample Description	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank
#Days Deployed	0	0	0	0	0	0	0	0
Month	Oct	Oct	Nov	Feb	Mar	Apr	Apr	Jul
Year	2004	2004	2004	2004	2005	2005	2005	2005
TPAH (ng/device)	0.00	0.00	40.75	14.35	0.00	0.00	0.00	0.00
TPAH (ng/g)	0.00	0.00	18.51	6.52	0.00	0.00	0.00	0.00
N0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N2	0.00	0.00	11.34	0.00	0.00	0.00	0.00	0.00
N3	0.00	0.00	20.96	7.71	0.00	0.00	0.00	0.00
N4	0.00	0.00	8.46	6.65	0.00	0.00	0.00	0.00
BPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PYR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BbF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BkF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IDP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BzP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 3

Organochlorine concentrations in low-density polyethylene strips and in Chinook salmon egg and muscle tissues from the Kenai River, 2002. Note: PEMD SIN = Sample Identification Number for passive water sample; Tissue SIN = Sample Identification Number for tissue sample; Sample Description = Location where the sample was obtained; Total PCB = sum of the concentration of 39 congeners; "Less than" (<) symbol indicates that the analyte was not detected above the concentration stated. Concentrations are reported as ng/g of device for passive samplers and as ng/g of tissue for tissue egg and muscle samples.

PEMD SIN	105683	106684	106685	105686	105687	105688	105689
Sample Description	Airport Creek	Kenai Dock	Pillars	Moose River	Bing's Landing	44.5 Mile	Hidden Creek
#Days Deployed	21	21	21	21	21	21	21
Month	Apr	Apr	Apr	Apr	Apr	Apr	Apr
Year	2002	2002	2002	2002	2002	2002	2002
Total PCB	19	16	8.3	10	8.6	16	7.3
PCB ng/g	8.6	7.3	3.8	4.5	3.9	7.3	3.3
PCB 17	NR	NR	NR	NR	NR	NR	NR
PCB 18	1.3	1	0.52	0.62	0.62	0.99	0.51
PCB 28	1.4	1.1	0.65	1.3	0.72	1.1	0.65
PCB 31	1.3	1.1	0.55	0.9	0.7	1.1	0.65
PCB 33	1.5	0.93	0.53	0.78	0.6	0.92	0.54
PCB 44	0.7	0.48	0.29	0.34	0.29	0.45	0.25
PCB 49	0.37	0.24	< 0.18	< 0.15	0.13	0.25	< 0.1
PCB 52	0.89	0.62	0.38	0.41	0.38	0.59	0.3
PCB 66	0.54	0.42	0.25	0.44	0.28	0.48	0.25
PCB 70	0.9	0.64	0.42	0.53	0.42	0.66	0.35
PCB 74	0.43	0.28	< 0.18	0.28	0.18	0.26	0.16
PCB 82	0.22	0.18	0.1	0.11	0.097	0.2	0.077
PCB 87	0.56	0.54	0.32	0.3	0.25	0.48	0.21
PCB 95	0.71	0.59	0.39	0.37	0.34	0.53	0.29
PCB 99	0.39	0.31	0.2	0.22	0.2	0.31	0.16
PCB 101/90	0.96	0.81	0.48	0.48	0.46	0.83	0.37
PCB 105	0.6	0.59	0.36	0.35	0.3	0.64	0.27
PCB 110	1.4	1.2	0.68	0.67	0.6	1.2	0.5
PCB 118	1.3	1.3	0.75	0.79	0.65	1.2	0.61
PCB 128	0.22	0.23	< 0.18	0.16	0.12	0.32	0.12
PCB 138/163/164	1.3	1.4	0.71	0.7	0.61	1.5	0.54
PCB 149	0.65	0.64	0.34	0.32	0.3	0.64	0.25
PCB 151	0.16	0.16	< 0.18	< 0.16	< 0.099	0.13	< 0.1
PCB 153/132	1.2	1.2	0.63	0.62	0.54	1.3	0.48
PCB 156	< 0.14	< 0.14	< 0.18	< 0.15	< 0.098	0.13	< 0.1
PCB 158	0.17	0.14	0.075	0.074	0.065	0.17	0.052
PCB 170/190	< 0.14	< 0.14	< 0.18	< 0.15	< 0.098	0.16	< 0.1
PCB 171	< 0.14	< 0.14	< 0.18	< 0.16	< 0.099	< 0.088	< 0.1
PCB 177	< 0.14	< 0.14	< 0.18	< 0.16	< 0.099	< 0.088	< 0.1
PCB 180	0.16	0.16	< 0.18	< 0.16	< 0.099	0.22	< 0.1
PCB 183	< 0.14	< 0.14	< 0.18	< 0.15	< 0.098	< 0.087	< 0.1
PCB 187/159/182	< 0.14	< 0.14	< 0.18	< 0.15	< 0.098	0.14	< 0.1
PCB 191	< 0.14	< 0.14	< 0.18	< 0.16	< 0.099	< 0.088	< 0.1
PCB 194	< 0.14	< 0.14	< 0.18	< 0.16	< 0.099	< 0.088	< 0.1
PCB 195	< 0.28	< 0.28	< 0.36	< 0.31	< 0.2	< 0.18	< 0.21
PCB 199	< 0.11	< 0.11	< 0.14	< 0.12	< 0.074	< 0.066	< 0.077
PCB 205	< 0.14	< 0.14	< 0.18	< 0.16	< 0.099	< 0.088	< 0.1
PCB 206	< 0.14	< 0.14	< 0.18	< 0.16	< 0.098	< 0.087	< 0.1
PCB 208	< 0.14	< 0.14	< 0.18	< 0.16	< 0.099	< 0.088	< 0.1
PCB 209	< 0.14	< 0.14	< 0.18	< 0.15	< 0.098	< 0.087	< 0.1

PEMD SIN	105682	105698	105699	105700	105701	105702	105703
Sample Description	Airport Creek	Kenai Dock	ADF&G	Pillars	Hidden Creek	Upstream River	Moose River
#Days Deployed	30	30	30	30	30	30	30
Month	Jul	Jul	Jul	Jul	Jul	Jul	Jul
Year	2002	2002	2002	2002	2002	2002	2002
Total PCB	20	23	21	17	18	15	14
PCB ng/g	9.1	10.4	9.5	7.7	8.2	6.8	6.4
PCB 17	NR	NR	NR	NR	NR	NR	NR
PCB 18	0.92	1.3	1.4	1.2	1.2	1.1	0.75
PCB 28	1.2	2.3	2.3	2.3	2.2	2.7	1.9
PCB 31	1.1	1.9	1.9	1.8	2.1	2.1	1.4
PCB 33	1	1.7	1.7	1.6	1.6	1.8	1.2
PCB 44	0.67	0.74	0.53	0.5	0.51	0.48	0.44
PCB 49	0.31	0.46	0.33	0.31	0.27	0.21	0.23
PCB 52	0.97	0.95	0.78	0.71	0.66	0.54	0.49
PCB 66	0.64	0.69	0.7	0.59	0.77	0.59	0.57
PCB 70	0.86	1.1	0.92	0.79	0.78	0.71	0.73
PCB 74	0.35	0.61	0.41	0.36	0.35	0.33	0.37
PCB 82	0.28	0.24	0.22	0.14	0.16	0.15	0.19
PCB 87	0.58	0.73	0.58	0.41	0.44	0.29	0.34
PCB 95	1.1	0.75	0.62	0.56	0.58	0.39	0.39
PCB 99	0.49	0.54	0.37	0.37	0.34	0.27	0.32
PCB 101/90	1.3	1.1	0.97	0.78	0.79	0.47	0.6
PCB 105	0.47	0.54	0.6	0.48	0.57	0.35	0.43
PCB 110	1.7	1.3	1.3	1	1.2	0.66	0.84
PCB 118	1.1	1.3	1.4	1	1.3	0.73	0.95
PCB 128	0.19	0.3	0.3	0.21	0.22	0.21	0.25
PCB 138/163/164	1.4	1.3	1.3	0.92	1.2	0.67	0.88
PCB 149	0.98	0.83	0.68	0.47	0.6	0.34	0.43
PCB 151	0.28	0.3	0.15	< 0.12	< 0.16	< 0.15	< 0.11
PCB 153/132	1.5	1.4	1.3	0.86	1.1	0.62	0.78
PCB 156	< 0.12	0.18	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
PCB 158	0.14	0.15	0.15	0.09	0.11	0.074	0.098
PCB 170/190	0.29	0.31	0.12	0.12	< 0.16	< 0.15	0.35
PCB 171	< 0.12	0.15	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
PCB 177	< 0.12	0.19	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
PCB 180	0.27	0.26	0.13	< 0.12	< 0.16	< 0.15	< 0.11
PCB 183	< 0.12	0.19	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
PCB 187/159/182	0.21	0.26	0.12	< 0.12	< 0.16	< 0.15	< 0.11
PCB 191	< 0.12	0.13	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
PCB 194	< 0.12	< 0.092	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
PCB 195	< 0.24	< 0.18	< 0.2	< 0.23	< 0.32	< 0.3	< 0.22
PCB 199	< 0.089	< 0.069	< 0.076	< 0.088	< 0.12	< 0.11	< 0.081
PCB 205	< 0.12	< 0.092	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
PCB 206	< 0.12	< 0.092	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
PCB 208	< 0.12	< 0.092	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
PCB 209	< 0.12	< 0.091	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11

PEMD SIN	105691	105709	105694	105710	105713	105695	105711
Sample Description	Lab Blank	Lab Blank	Method Blank	Method Blank	Std Check	Spiked Blank	Spiked Blank
#Days Deployed	0	0	NA	NA	NA	NA	NA
Month	Jul	Jul	NA	NA	NA	NA	NA
Year	2002	2002	NA	NA	NA	NA	NA
Total PCB	4.7	9.7	1.4	3.9	89	130	120
PCB ng/g	2.1	4.4	0.6	1.8	40.4	59.0	54.5
PCB 17	NR	NR	NR	NR	NR	NR	NR
PCB 18	0.32	0.79	0.15	0.28	2.6	3.6	4.1
PCB 28	0.46	1.8	0.23	0.89	2.5	3.9	4.7
PCB 31	0.31	1.3	0.15	0.64	2.1	3.5	4.1
PCB 33	0.36	1.1	0.17	0.49	2.5	3.6	4.2
PCB 44	0.16	0.26	< 0.091	< 0.11	2.2	2.8	3
PCB 49	< 0.13	< 0.12	< 0.091	< 0.11	2.1	2.3	2.6
PCB 52	0.19	0.32	< 0.091	0.12	2.4	3.1	3.2
PCB 66	0.17	0.29	< 0.091	0.13	< 0.4	< 0.99	< 0.54
PCB 70	0.22	0.37	< 0.091	0.15	2.5	3.5	3.6
PCB 74	< 0.13	0.19	< 0.092	< 0.11	2.5	3.5	3.5
PCB 82	0.053	0.074	< 0.023	0.029	0.061	0.93	1
PCB 87	0.16	0.21	< 0.092	< 0.11	2.6	3.4	3.6
PCB 95	0.18	0.26	0.07	0.1	1.1	1.6	1.7
PCB 99	0.14	0.15	< 0.091	< 0.11	2.5	3.2	3.3
PCB 101/90	0.24	0.31	0.099	0.14	2.8	3.9	4.1
PCB 105	0.16	0.24	0.083	0.12	0.62	1.2	1.2
PCB 110	0.32	0.46	0.11	0.17	2.5	3.8	4.1
PCB 118	0.41	0.54	0.15	0.25	2.4	3.9	4
PCB 128	< 0.13	< 0.12	< 0.092	< 0.11	2.5	3.9	3.9
PCB 138/163/164	0.36	0.48	0.16	0.21	2.6	4.2	4.1
PCB 149	0.18	0.23	< 0.092	< 0.11	2.4	3.6	3.7
PCB 151	< 0.13	< 0.12	< 0.092	< 0.11	2.4	3.2	3.4
PCB 153/132	0.33	0.43	< 0.14	0.18	3.8	5.7	5.7
PCB 156	< 0.13	< 0.12	< 0.091	< 0.11	2.7	3.6	3.6
PCB 158	0.044	0.049	< 0.023	< 0.028	0.63	0.92	0.91
PCB 170/190	0.14	< 0.12	< 0.091	< 0.11	2.5	3.6	3.4
PCB 171	< 0.13	< 0.12	< 0.092	< 0.11	2.7	3.6	3.4
PCB 177	< 0.13	< 0.12	< 0.092	< 0.11	2.5	3.5	3.5
PCB 180	< 0.13	< 0.12	< 0.092	< 0.11	2.5	3.9	3.7
PCB 183	< 0.13	< 0.12	< 0.091	< 0.11	2.5	3.4	3.4
PCB 187/159/182	< 0.13	< 0.12	< 0.091	< 0.11	2.7	3.7	3.6
PCB 191	< 0.13	< 0.12	< 0.092	< 0.11	2.5	3.6	3.5
PCB 194	< 0.13	< 0.12	< 0.092	< 0.11	2.4	3.7	NR
PCB 195	< 0.27	< 0.23	< 0.18	< 0.22	2.5	3.3	3.1
PCB 199	< 0.1	< 0.088	< 0.069	< .0.82	1.8	2.1	2.3
PCB 205	< 0.13	< 0.12	< 0.092	< 0.11	2.6	3.5	3.3
PCB 206	< 0.13	< 0.12	< 0.091	< 0.11	2.5	3.6	3.3
PCB 208	< 0.13	< 0.12	< 0.092	< 0.11	2.4	3.2	3.1
PCB 209	< 0.13	< 0.12	< 0.091	< 0.11	2.2	3	2.8

PEMD SIN	105704	105705	105706	105707	105690	105693	105709
Sample Description	Airport Creek	Kenai Dock	ADF%G	Upstream River	Field Blank	Field Blank	Field Blank
#Days Deployed	29	23	26	27	0	0	0
Month	Aug	Aug	Aug	Aug	Apr	Jul	Aug
Year	2002	2002	2002	2002	2002	2002	2002
Total PCB	21	17	14	17	13	4.4	13
PCB ng/g	9.5	7.7	6.4	7.7	5.9	2.0	5.9
PCB 17	NR	NR	NR	NR	NR	NR	NR
PCB 18	1.1	1.4	1.1	1.3	0.97	0.49	1.1
PCB 28	2.4	2.4	1.5	2.9	1.2	0.62	2.5
PCB 31	1.8	2	1.3	2.2	1.1	0.44	2
PCB 33	1.7	1.8	1.1	2	0.96	0.55	1.5
PCB 44	0.72	0.65	0.44	0.5	0.56	< 0.36	0.4
PCB 49	0.4	0.43	0.19	0.33	0.27	< 0.35	0.18
PCB 52	1	0.78	0.61	0.64	0.8	< 0.35	0.51
PCB 66	0.98	0.46	0.38	1	0.4	< 0.35	0.66
PCB 70	1.2	0.9	0.58	1.1	0.72	< 0.35	0.69
PCB 74	0.54	0.29	0.24	0.58	0.29	< 0.36	0.41
PCB 82	0.25	0.095	0.19	0.13	0.13	< 0.089	0.074
PCB 87	0.54	0.37	0.4	0.36	0.42	< 0.36	0.24
PCB 95	1	0.55	0.52	0.45	0.62	0.29	0.35
PCB 99	0.4	0.34	0.27	0.3	0.29	< 0.36	0.19
PCB 101/90	1.2	0.71	0.69	0.61	0.82	0.39	0.39
PCB 105	0.43	0.36	0.37	0.35	0.37	0.2	0.24
PCB 110	1.5	0.82	0.93	0.83	0.88	0.49	0.47
PCB 118	1	0.77	0.91	0.83	0.86	0.53	0.51
PCB 128	0.17	0.18	0.14	< 0.12	< 0.13	< 0.36	< 0.14
PCB 138/163/164	1.1	0.81	0.81	0.67	0.72	0.45	0.4
PCB 149	0.82	0.43	0.43	0.37	0.34	< 0.36	0.21
PCB 151	0.24	0.13	< 0.12	< 0.12	< 0.13	< 0.36	< 0.14
PCB 153/132	1.2	0.86	0.75	0.64	0.64	< 0.53	0.37
PCB 156	< 0.13	< 0.11	< 0.11	< 0.12	< 0.12	< 0.35	< 0.14
PCB 158	0.11	0.11	0.085	0.066	0.078	< 0.09	0.044
PCB 170/190	0.2	< 0.11	0.14	0.14	< 0.12	< 0.35	< 0.14
PCB 171	< 0.13	< 0.11	< 0.12	< 0.12	< 0.13	< 0.36	< 0.14
PCB 177	< 0.13	< 0.11	<0.13	<0.12	< 0.13	0.72	< 0.14
PCB 180	0.17	< 0.11	< 0.12	< 0.12	< 0.13	< 0.36	< 0.14
PCB 183	< 0.13	< 0.11	< 0.11	< 0.12	< 0.12	< 0.35	< 0.14
PCB 187/159/182	0.15	< 0.11	< 0.11	< 0.12	< 0.12	< 0.36	< 0.14
PCB 191	< 0.13	< 0.11	< 0.12	< 0.12	< 0.13	< 0.36	< 0.14
PCB 194	< 0.13	< 0.11	< 0.12	< 0.12	< 0.13	< 0.36	< 0.14
PCB 195	< 0.26	< 0.21	< 0.23	< 0.25	< 0.25	< 0.72	< 0.28
PCB 199	< 0.097	< 0.08	0.086	< 0.093	< 0.094	< 0.27	< 0.1
PCB 205	< 0.13	< 0.11	< 0.12	< 0.12	< 0.13	< 0.36	< 0.14
PCB 206	< 0.13	< 0.11	< 0.11	< 0.12	< 0.12	< 0.36	< 0.14
PCB 208	< 0.13	< 0.11	< 0.12	< 0.12	< 0.13	< 0.36	< 0.14
PCB 209	< 0.13	< 0.11	< 0.11	< 0.12	< 0.12	< 0.35	< 0.14

Table 3

PEMD SIN	105696	105712
Sample Description	Spiked Method	Spiked Method
#Days Deployed	NA	NA
Month	NA	NA
Year	NA	NA
Total PCB	86	110
PCB+A327 ng/g	39.1	50.0
PCB 17	NR	NR
PCB 18	1.7	3.2
PCB 28	2.1	4.1
PCB 31	1.7	3.4
PCB 33	2.2	3.6
PCB 44	2.2	2.6
PCB 49	2	2.3
PCB 52	2.1	2.8
PCB 66	0.12	< 0.54
PCB 70	2.4	3.3
PCB 74	2.5	3.4
PCB 82	0.67	0.8
PCB 87	2.4	3.1
PCB 95	1.2	1.3
PCB 99	2.4	3
PCB 101/90	2.5	3.3
PCB 105	0.68	0.9
PCB 110	2.5	3.2
PCB 118	2.6	3.3
PCB 128	2.4	3.3
PCB 138/163/164	2.5	3.5
PCB 149	2.5	3.1
PCB 151	2.4	2.9
PCB 153/132	3.7	5
PCB 156	2.4	3.4
PCB 158	0.66	0.84
PCB 170/190	2.5	3.1
PCB 171	2.4	3.3
PCB 177	2.5	3.2
PCB 180	2.6	3.3
PCB 183	2.4	3.1
PCB 187/159/182	2.5	3.5
PCB 191	2.5	3.2
PCB 194	2.7	3
PCB 195	2.4	3.1
PCB 199	1.8	2
PCB 205	2.8	3.2
PCB 206	2.8	3
PCB 208	2.4	3
PCB 209	2.8	2.6

Table 3

PEMD SIN	105683	106684	106685	105686	105687	105688	105689
Sample Description	Airport Creek	Kenai Dock	Pillars	Moose River	Bing's Landing	Mile 44.5	Hidden Creek
#Days Deployed	21	21	21	21	21	21	21
Month	Apr	Apr	Apr	Apr	Apr	Apr	Apr
Year	2002	2002	2002	2002	2002	2002	2002
HCB	1.8	2.8	0.53	0.33	1.3	1.4	0.88
α - HCH	NR	NR	NR	NR	NR	NR	NR
β - HCH	NR	NR	NR	NR	NR	NR	NR
Lindane	NR	NR	NR	NR	NR	NR	NR
Aldrin	0.58	< 0.14	< 0.18	< 0.16	< 0.099	< 0.088	< 0.1
Dieldrin	NR	NR	NR	NR	NR	NR	NR
Endosulfan I	< 0.37	< 0.37	< 0.47	< 0.41	< 0.26	< 0.23	< 0.27
Endosulfan II	< 1.2	< 1.2	< 1.6	< 1.1	< 0.87	< 0.77	< 0.91
Endosulfan Sulphate	< 0.14	< 0.14	< 0.18	< 0.16	0.33	0.15	0.31
Mirex	NR	< 0.14	NR	< 0.16	< 0.098	< 0.087	< 0.1
Heptachlor	< 0.14	< 0.14	< 0.18	< 0.15	< 0.097	< 0.087	< 0.1
Heptachlor Epoxide	< 0.14	< 0.14	< 0.18	< 0.15	< 0.097	< 0.087	< 0.1
Oxychlordane	NR	NR	NR	NR	NR	NR	NR
γ - Chlordane	< 0.14	< 0.14	< 0.18	< 0.16	< 0.1	< 0.089	< 0.11
α -Chlordane	< 0.14	< 0.14	< 0.18	< 0.15	0.11	0.15	< 0.1
trans-Nonachlor	< 0.14	< 0.14	< 0.18	< 0.16	0.11	0.12	< 0.1
cis- Nonachlor	< 0.14	< 0.14	< 0.18	< 0.16	< 0.1	< 0.089	< 0.1
Nonachlor III	< 0.14	< 0.14	< 0.18	< 0.16	< 0.098	< 0.087	< 0.1
o,p' -DDE	NR	NR	< 0.18	< 0.15	0.22	0.25	0.12
p,p' - DDE	NR	NR	NR	< 0.15	0.16	0.18	0.11
o,p' - DDD	NR	NR	< 0.18	< 0.15	< 0.097	NR	< 0.1
p,p' - DDD	18	0.48	0.56	< 0.16	NR	NR	0.14
o,p' - DDT	NR	NR	< 0.18	< 0.15	< 0.097	NR	NR
p,p' - DDT	< 0.14	< 0.14	< 0.18	< 0.15	< 0.097	< 0.086	< 0.1

Table 3

PEMD SIN	105682	105698	105699	105700	105701	105702	105703
Sample Description	Airport Creek	Kenai Dock	ADF&G	Pillars	Hidden Creek	Upstream River	Moose River
#Days Deployed	30	30	30	30	30	30	30
Month	Jul	Jul	Jul	Jul	Jul	Jul	Jul
Year	2002	2002	2002	2002	2002	2002	2002
HCB	1.4	3.8	3.2	2.7	2	2.4	0.56
α - HCH	NR	NR	NR	NR	NR	NR	NR
β - HCH	NR	NR	NR	NR	NR	NR	NR
Lindane	NR	NR	NR	NR	NR	NR	NR
Aldrin	0.55	0.46	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
Dieldrin	NR	NR	NR	NR	NR	NR	NR
Endosulfan I	< 0.31	< 0.24	< 0.26	< 0.3	< 0.42	< 0.39	< 0.28
Endosulfan II	<1	< 0.81	< 0.89	<1	< 1.4	< 1.3	< 0.94
Endosulfan Sulphate	< 0.12	3.9	< 0.1	2.2	3.8	2.7	1.1
Mirex	NR	NR	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
Heptachlor	< 0.12	< 0.091	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
Heptachlor Epoxide	< 0.12	1.1	0.19	0.18	< 0.16	0.17	< 0.11
Oxychlordane	NR	NR	NR	NR	NR	NR	NR
γ - Chlordane	< 0.12	0.85	0.11	< 0.12	< 0.16	< 0.15	< 0.11
α -Chlordane	0.14	1.1	0.26	0.25	0.22	0.2	< 0.11
trans-Nonachlor	< 0.12	1.1	0.21	0.21	0.25	< 0.15	< 0.11
cis- Nonachlor	< 0.12	0.93	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
Nonachlor III	< 0.12	< 0.092	< 0.1	< 0.12	< 0.16	< 0.15	< 0.11
o,p' -DDE	NR	1.5	0.16	NR	< 0.16	< 0.15	< 0.11
p,p' - DDE	NR	2.6	0.51	NR	0.87	< 0.15	< 0.11
o,p' - DDD	NR	NR	< 0.1	< 0.12	NR	< 0.15	NR
p,p' - DDD	8.7	2.1	0.54	1.4	0.69	< 0.15	NR
o,p' - DDT	NR	NR	< 0.099	< 0.11	< 0.16	< 0.15	< 0.11
p,p' - DDT	< 0.12	< 0.091	< 0.099	< 0.11	< 0.16	< 0.15	< 0.11

PEMD SIN	105704	105705	105706	105707	105690	105693	105709
Sample Description	Airport Creek	Kenai Dock	ADF%G	Upstream River	Field Blank	Field Blank	Field Blank
#Days Deployed	29	23	26	27	0	0	0
Month	Aug	Aug	Aug	Aug	Apr	Jul	Aug
Year	2002	2002	2002	2002	2002	2002	2002
HCB	1.2	3.5	2.4	2.3	< 0.12	< 0.35	< 0.14
α - HCH	NR	NR	NR	NR	NR	NR	NR
β - HCH	NR	NR	NR	NR	NR	NR	NR
Lindane	NR	NR	NR	NR	NR	NR	NR
Aldrin	0.5	0.88	< 0.12	< 0.12	< 0.13	< 0.36	<0.14
Dieldrin	NR	NR	NR	NR	NR	NR	NR
Endosulfan I	< 0.34	< 0.28	< 0.3	< 0.32	< 0.33	< 0.77	< 0.36
Endosulfan II	< 1.1	< 0.94	< 1	< 1.1	1.5	< 2.4	< 1.2
Endosulfan Sulphate	3.8	< 0.11	< 0.12	0.25	< 0.13	1.8	< 0.14
Mirex	NR	< 0.11	NR	Nr	< 0.12	< 0.36	< 0.14
Heptachlor	< 0.13	< 0.11	< 0.11	< 0.12	< 0.12	< 0.35	< 0.14
Heptachlor Epoxide	< 0.13	0.25	0.22	0.22	< 0.12	< 0.35	< 0.14
Oxychlordane	NR	NR	NR	NR	NR	NR	NR
γ - Chlordane	< 0.13	0.17	< 0.12	< 0.13	< 0.13	< 0.37	< 0.14
α -Chlordane	0.14	0.52	0.25	0.22	< 0.12	< 0.35	< 0.14
trans-Nonachlor	< 0.13	0.56	0.19	0.14	< 0.12	< 0.36	< 0.14
cis- Nonachlor	< 0.13	0.16	< 0.12	< 0.12	< 0.13	< 0.36	< 0.14
Nonachlor III	< 0.13	< 0.11	< 0.11	< 0.12	< 0.12	< 0.36	< 0.14
o,p' -DDE	< 0.13	0.69	< 0.11	< 0.12	< 0.12	< 0.35	< 0.14
p,p' - DDE	NR	1.5	0.33	0.18	< 0.12	< 0.35	< 0.14
o,p' - DDD	NR	< 0.11	NR	NR	< 0.12	< 0.35	< 0.14
p,p' - DDD	10	< 0.11	NR	0.21	< 0.12	< 0.36	< 0.14
o,p' - DDT	NR	< 0.1	< 0.11	< 0.12	< 0.12	< 0.35	< 0.14
p,p' - DDT	< 0.13	< 0.11	< 0.11	< 0.12	< 0.12	< 0.35	< 0.14

Table 3

PEMD SIN	105691	105709	105694	105710	105713	105695	105711
Sample Description	Lab Blank	Lab Blank	Method Blank	Method Blank	Std Check	Spiked Blank	Spiked Blank
#Days Deployed	0	0	NA	NA	NA	NA	NA
Month	Jul	Jul	NA	NA	NA	NA	NA
Year	2002	2002	NA	NA	NA	NA	NA
HCB	< 0.13	< 0.12	< 0.091	< 0.11	12	10	10
α - HCH	NR	< 0.12	< 0.093	< 0.11	13	9.8	11
β - HCH	NR	< 0.12	< 0.094	< 0.11	13	9.9	11
Lindane	NR	< 0.12	< 0.091	< 0.11	12	10	11
Aldrin	< 0.13	< 0.12	< 0.092	< 0.11	12	11	12
Dieldrin	NR	NR	< 0.24	< 0.28	13	11	16
Endosulfan I	< 0.28	< 0.31	< 0.24	< 0.29	13	11	14
Endosulfan II	< 0.9	< 1	< 0.81	< 0.97	14	13	14
Endosulfan Sulphate	< 0.13	< 0.12	< 0.092	< 0.11	15	13	20
Mirex	< 0.13	< 0.12	< 0.092	< 0.11	11	12	12
Heptachlor	< 0.13	< 0.12	< 0.091	< 0.11	13	9.5	11
Heptachlor Epoxide	< 0.13	< 0.12	< 0.091	< 0.11	13	11	13
Oxychlordane	NR	NR	NR	NR	13	11	14
γ - Chlordane	< 0.14	< 0.12	< 0.094	< 0.11	13	12	13
α -Chlordane	< 0.13	< 0.12	< 0.091	< 0.11	12	11	13
trans-Nonachlor	< 0.13	< 0.12	< 0.091	< 0.11	12	11	13
cis- Nonachlor	< 0.13	< 0.12	< 0.093	< 0.11	13	12	15
Nonachlor III	< 0.13	< 0.12	< 0.091	< 0.11	< 0.4	< 0.99	< 0.54
o,p' -DDE	< 0.13	< 0.12	< 0.091	< 0.11	12	12	14
p,p' - DDE	< 0.13	< 0.12	< 0.091	< 0.11	12	13	14
o,p' - DDD	< 0.13	< 0.12	< 0.091	< 0.11	13	11	15
p,p' - DDD	< 0.13	< 0.12	< 0.092	< 0.11	13	12	16
o,p' - DDT	< 0.13	< 0.11	< 0.09	< 0.11	13	11	14
p,p' - DDT	< 0.13	< 0.11	< 0.091	< 0.11	13	12	16

Table 3

PEMD SIN	105696	105712
Sample Description	Spiked Method	Spiked Method
#Days Deployed	NA	NA
Month	NA	NA
Year	NA	NA
HCB	4.5	11
α - HCH	7.9	12
β - HCH	11	12
Lindane	9.5	12
Aldrin	10	12
Dieldrin	12	14
Endosulfan I	11	14
Endosulfan II	8.4	15
Endosulfan Sulphate	13	21
Mirex	14	12
Heptachlor	10	13
Heptachlor Epoxide	13	13
Oxychlordane	12	14
γ - Chlordane	13	13
α -Chlordane	12	13
trans-Nonachlor	12	13
cis- Nonachlor	14	15
Nonachlor III	< 0.027	< 0.55
o,p' -DDE	12	14
p,p' - DDE	13	14
o,p' - DDD	14	15
p,p' - DDD	16	16
o,p' - DDT	15	14
p,p' - DDT	19	16

Tissue SIN	105656	105657	105658	105659	105662	106660	106661
Sample	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook
Description	Eggs	Eggs	Eggs	Eggs	Eggs	Eggs	Eggs
Year	2002	2002	2002	2002	2002	2002	2002
Length (cm)	94	107	104	91	112	119	112
Weight (kg)	12.3	15.9	16.3	16.3	18.2	18.6	20.4
Fish Age	1.2	1.3	1.3	1.2	1.4	1.3	1.4
Sample Wt	2.53	2.57	2.55	2.47	2.43	2.51	2.47
Total PCB	10	13	10	8.8	9.8	9.1	9.2
PCB 17	0.15	0.14	0.14	0.13	0.14	0.15	0.13
PCB 18	0.38	0.36	0.36	0.33	0.34	0.36	0.33
PCB 28	0.46	0.53	0.49	0.48	0.49	0.46	0.49
PCB 31	0.43	0.46	0.46	0.45	0.44	0.44	0.45
PCB 33	0.28	0.28	0.29	0.31	0.3	0.29	0.29
PCB 44	0.36	0.43	0.38	0.34	0.34	0.34	0.33
PCB 49	0.2	0.26	0.22	0.19	0.18	0.19	0.19
PCB 52	0.72	0.89	0.73	0.64	0.65	0.67	0.67
PCB 66	0.32	0.39	0.32	0.33	0.3	0.29	0.3
PCB 70	0.51	0.61	0.52	0.49	0.47	0.45	0.48
PCB 74	0.24	0.31	0.25	0.23	0.24	0.23	0.23
PCB 82	0.078	0.089	0.081	0.055	0.067	0.068	0.061
PCB 87	0.38	0.42	0.35	0.29	0.33	0.3	0.32
PCB 95	0.68	0.86	0.7	0.59	0.64	0.62	0.65
PCB 99	0.39	0.51	0.39	0.31	0.39	0.34	0.35
PCB 101/90	0.87	1.2	0.9	0.74	0.86	0.8	0.82
PCB 105	0.28	0.3	0.26	0.22	0.24	0.22	0.22
PCB 110	0.65	0.76	0.63	0.53	0.56	0.57	0.56
PCB 118	0.64	0.72	0.61	0.5	0.57	0.51	0.51
PCB 128	< 0.14	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 138/163/164	0.85	1	0.77	0.63	0.77	0.67	0.65
PCB 149	0.55	0.69	0.56	0.42	0.51	0.45	0.46
PCB 151	0.17	0.22	0.17	0.14	0.17	0.14	0.15
PCB 153/132	0.96	1.2	0.9	0.7	0.88	0.74	0.75
PCB 156	< 0.13	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 158	0.051	0.051	0.045	0.04	0.045	0.039	0.038
PCB 170/190	< 0.13	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 171	< 0.13	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 177	< 0.13	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 180	< 0.14	0.16	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 183	< 0.13	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 187/159/182	0.15	0.2	0.14	< 0.12	0.15	< 0.12	0.12
PCB 191	< 0.14	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 194	< 0.14	< 0.16	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 195	< 0.14	< 0.16	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 199	< 0.1	< 0.12	< 0.097	< 0.09	< 0.11	< 0.087	< 0.087
PCB 205	< 0.14	< 0.16	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 206	< 0.14	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 208	< 0.14	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
PCB 209	< 0.13	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12

Tissue SIN	106663	105664	105651	105641	105642	105643	106650
Sample	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook
Description	Eggs	Eggs	Eggs	Muscle	Muscle	Muscle	Muscle
Year	2002	2002	2002	2002	2002	2002	2002
Length (cm)	114	114	127	94	107	104	104
Weight (kg)	22.7	22.7	27.2	12.3	15.9	16.3	16.3
Fish Age	1.4	1.4	1.4	1.2	1.3	1.3	1.3
Sample Wt	2.47	2.48	2.64	3.11	3.03	2.64	3.06
Total PCB	9.9	9.5	8.5	12	9.1	5.8	9.7
PCB 17	0.15	0.13	0.13	0.13	0.112	0.11	0.13
PCB 18	0.37	0.34	0.3	0.34	0.331	0.27	0.29
PCB 28	0.51	0.47	0.44	0.48	0.339	0.34	0.47
PCB 31	0.47	0.45	0.42	0.42	0.547	0.31	0.4
PCB 33	0.32	0.28	0.26	0.24	< 0.284	0.23	0.25
PCB 44	0.37	0.36	0.3	0.38	0.305	0.21	0.29
PCB 49	0.19	0.2	0.19	0.26	< 0.285	< 0.12	0.19
PCB 52	0.7	0.69	0.59	0.78	0.586	0.38	0.59
PCB 66	0.33	0.3	0.27	0.55	0.306	0.19	0.28
PCB 70	0.51	0.49	0.42	0.56	0.502	0.29	0.44
PCB 74	0.25	0.25	0.19	0.27	< 0.287	0.15	0.21
PCB 82	0.084	0.075	0.06	0.08	< 0.19	0.044	0.063
PCB 87	0.35	0.33	0.29	0.4	0.345	0.21	0.31
PCB 95	0.7	0.69	0.53	0.73	0.634	0.39	0.58
PCB 99	0.37	0.36	0.32	0.48	0.423	0.23	0.38
PCB 101/90	0.87	0.86	0.73	1.1	0.831	0.49	0.85
PCB 105	0.25	0.21	0.19	0.27	0.35	0.15	0.22
PCB 110	0.61	0.57	0.53	0.66	0.591	0.35	0.54
PCB 118	0.57	0.57	0.46	0.75	0.698	0.37	0.57
PCB 128	< 0.15	< 0.13	0.075	0.12	< 0.287	< 0.12	0.093
PCB 138/163/164	0.74	0.68	0.6	0.1	0.938	0.46	0.8
PCB 149	0.51	0.51	0.44	0.7	0.576	0.31	0.54
PCB 151	0.17	0.16	0.13	0.2	< 0.287	< 0.12	0.17
PCB 153/132	0.83	0.79	0.72	1.3	1.09	0.56	1
PCB 156	< 0.15	< 0.13	< 0.062	< 0.097	< 0.285	< 0.12	< 0.083
PCB 158	0.043	0.04	0.032	0.05	< 0.072	< 0.031	0.038
PCB 170/190	< 0.15	< 0.13	< 0.062	< 0.097	< 0.284	< 0.12	< 0.083
PCB 171	< 0.15	< 0.13	< 0.063	< 0.098	< 0.287	< 0.12	< 0.084
PCB 177	< 0.15	< 0.13	< 0.063	< 0.098	< 0.287	< 0.12	< 0.084
PCB 180	< 0.15	< 0.13	0.086	0.19	< 0.287	< 0.12	0.14
PCB 183	< 0.15	< 0.13	< 0.062	< 0.097	< 0.284	< 0.12	< 0.083
PCB 187/159/182	< 0.15	< 0.13	0.098	0.2	< 0.285	< 0.12	0.16
PCB 191	< 0.15	< 0.13	< 0.063	< 0.098	< 0.287	< 0.12	< 0.084
PCB 194	< 0.15	< 0.13	< 0.063	< 0.098	< 0.288	< 0.12	< 0.084
PCB 195	< 0.15	< 0.13	< 0.063	< 0.099	< 0.288	< 0.12	< 0.084
PCB 199	< 0.11	< 0.098	< 0.047	< 0.074	< 0.216	< 0.093	< 0.063
PCB 205	< 0.15	< 0.13	< 0.063	< 0.098	< 0.288	< 0.12	< 0.084
PCB 206	< 0.15	< 0.13	< 0.062	< 0.098	< 0.285	< 0.12	< 0.083
PCB 208	< 0.15	< 0.13	< 0.063	< 0.098	< 0.287	< 0.12	< 0.084
PCB 209	< 0.15	< 0.13	< 0.062	< 0.097	< 0.285	< 0.12	< 0.083

Tissue SIN	105644	105645	105646	105647	105648	105649	105653
Sample	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook	Method
Description	Muscle	Muscle	Muscle	Muscle	Muscle	Muscle	Blank
Year	2002	2002	2002	2002	2002	2002	2002
Length (cm)	91	112	119	112	114	127	
Weight (kg)	16.3	18.2	18.6	20.4	22.7	27.2	
Fish Age	1.2	1.4	1.3	1.4	1.4	1.4	
Sample Wt	2.69	3.06	3.03	2.84	2.75	2.53	2.85
Total PCB	27	11	428	725	14	10	1.1
PCB 17	0.16	0.12	0.083	0.1	0.14	0.12	0.046
PCB 18	0.4	0.28	0.19	0.28	0.36	0.3	0.11
PCB 28	0.6	0.42	0.27	0.38	0.59	0.45	0.14
PCB 31	0.55	0.37	0.23	0.31	0.5	0.38	0.12
PCB 33	0.3	23	0.17	0.25	0.3	0.24	0.11
PCB 44	0.43	0.31	0.15	0.26	0.42	0.34	< 0.091
PCB 49	0.31	0.2	0.084	< 0.16	0.3	0.21	< 0.091
PCB 52	0.92	0.62	0.29	0.49	0.91	0.69	< 0.091
PCB 66	0.4	0.29	0.14	0.25	0.42	0.3	< 0.091
PCB 70	0.64	0.46	0.21	0.38	0.63	0.47	< 0.091
PCB 74	0.3	0.23	0.11	0.2	0.31	0.24	< 0.091
PCB 82	0.076	0.066	0.035	0.062	0.088	0.071	< 0.091
PCB 87	0.44	0.34	0.15	0.28	0.45	0.34	< 0.091
PCB 95	0.81	0.61	0.27	0.53	0.85	0.66	< 0.091
PCB 99	0.54	0.45	0.16	0.3	0.55	0.41	< 0.091
PCB 101/90	1.2	0.97	0.37	0.66	1.3	0.96	0.11
PCB 105	0.29	0.23	0.13	0.19	0.29	0.22	0.06
PCB 110	0.74	0.57	0.28	0.51	0.74	0.58	0.11
PCB 118	0.8	0.65	0.29	0.51	0.8	0.64	0.099
PCB 128	0.12	0.11	< 0.058	< 0.16	0.13	< 0.11	< 0.091
PCB 138/163/164	1	0.91	0.37	0.61	1.1	0.83	0.13
PCB 149	0.77	0.62	0.24	0.43	0.78	0.59	< 0.091
PCB 151	0.21	0.19	0.072	< 0.16	0.24	0.18	< 0.091
PCB 153/132	1.3	1.2	0.42	0.75	1.4	1	< 0.14
PCB 156	< 0.087	< 0.092	< 0.058	< 0.16	< 0.11	< 0.11	< 0.091
PCB 158	0.047	0.044	0.022	< 0.041	0.048	0.04	< 0.023
PCB 170/190	< 0.087	< 0.092	< 0.058	< 0.16	< 0.11	< 0.11	< 0.091
PCB 171	< 0.087	< 0.093	< 0.058	< 0.16	< 0.11	< 0.11	< 0.091
PCB 177	< 0.087	< 0.093	< 0.058	< 0.16	< 0.11	< 0.11	< 0.091
PCB 180	0.16	0.17	0.068	< 0.16	0.18	0.15	< 0.091
PCB 183	< 0.087	< 0.092	< 0.058	< 0.16	< 0.11	< 0.11	< 0.091
PCB 187/159/182	0.18	0.19	0.071	< 0.16	0.2	0.16	< 0.091
PCB 191	< 0.087	< 0.093	< 0.058	< 0.16	< 0.11	< 0.11	< 0.091
PCB 194	8.3	< 0.093	< 0.058	< 0.17	< 0.11	< 0.11	< 0.092
PCB 195	< 0.088	< 0.093	< 0.059	< 0.17	< 0.11	< 0.11	< 0.092
PCB 199	5.6	< 0.069	< 0.049	< 0.12	< 0.08	< 0.08	< 0.069
PCB 205	< 0.088	< 0.093	< 0.058	< 0.17	< 0.11	< 0.11	< 0.092
PCB 206	< 0.087	< 0.092	< 0.058	< 0.16	< 0.11	< 0.11	< 0.091
PCB 208	< 0.087	< 0.093	< 0.058	< 0.16	< 0.11	< 0.11	< 0.091
PCB 209	< 0.087	< 0.092	< 0.058	< 0.16	< 0.11	< 0.11	< 0.091

Tissue SIN	105666	105652	106665
Sample	Method		
Description	Blank	SRM 1974a	SRM 1974b
Year	2002		
Length (cm)			
Weight (kg)			
Fish Age			
Sample Wt	2.5	2.52	2.56
Total PCB	1.5	236	150
PCB 17	0.053	2.57	1.1
PCB 18	< 0.14	3.42	1
PCB 28	0.2	8.22	3.1
PCB 31	0.17	7.3	2.9
PCB 33	0.16	1.57	0.68
PCB 44	< 0.14	8.54	3.6
PCB 49	< 0.14	9.69	4.9
PCB 52	< 0.14	13.1	6.4
PCB 66	< 0.14	13.5	6.8
PCB 70	< 0.14	14	6.8
PCB 74	< 0.14	8.7	4.2
PCB 82	< 0.14	2.18	1.3
PCB 87	< 0.14	8.2	5.1
PCB 95	< 0.14	10.8	6.2
PCB 99	< 0.14	9.54	6.5
PCB 101/90	0.15	17.4	12
PCB 105	0.1	7.09	4.9
PCB 110	0.17	16.7	11
PCB 118	16	16.8	12
PCB 128	< 0.14	2.69	2.4
PCB 138/163/164	0.19	18.8	15
PCB 149	< 0.14	10.6	8
PCB 151	< 0.14	2.84	2.1
PCB 153/132	< 0.21	22.5	18
PCB 156	< 0.14	1.11	0.91
PCB 158	< 0.036	1.67	1.4
PCB 170/190	< 0.14	0.584	0.49
PCB 171	< 0.14	0.744	0.57
PCB 177	< 0.14	1.69	1.4
PCB 180	< 0.14	1.57	1.5
PCB 183	< 0.14	1.87	1.6
PCB 187/159/182	< 0.14	3.97	3.3
PCB 191	< 0.14	< 0.371	< 0.16
PCB 194	< 0.14	NR	< 0.16
PCB 195	< 0.14	< 0.372	< 0.16
PCB 199	< 0.14	< 0.278	< 0.12
PCB 205	< 0.14	< 0.371	< 0.16
PCB 206	< 0.14	< 0.368	< 0.16
PCB 208	< 0.14	< 0.371	< 0.16
PCB 209	< 0.14	< 0.367	< 0.16

Tissue SIN	105656	105657	105658	105659	105662	106660	106661
Sample	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook
Description	Eggs	Eggs	Eggs	Eggs	Eggs	Eggs	Eggs
Year	2002	2002	2002	2002	2002	2002	2002
Length (cm)	94	107	104	91	112	119	112
Weight (kg)	12.3	15.9	16.3	16.3	18.2	18.6	20.4
Fish Age	1.2	1.3	1.3	1.2	1.4	1.3	1.4
Sample Wt	2.53	2.57	2.55	2.47	2.43	2.51	2.47
HCB	3.3	3.7	3.2	2.5	2.7	2.7	2.7
α - HCH	2.2	2.6	2.9	2.1	2.3	2	2.2
β - HCH	1.1	1.4	1.3	0.99	1.2	0.93	1
Lindane	0.31	0.41	0.46	0.31	0.42	0.32	0.34
Aldrin	< 0.14	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
Dieldrin	1.2	1.3	1.2	1.1	1	1.1	1
Endosulfan I	< 0.33	< 0.38	< 0.32	< 0.29	< 0.35	< 0.29	< 0.29
Endosulfan II	< 0.34	< 0.39	< 0.32	< 0.3	< 0.36	< 0.29	< 0.29
Endosulfan Sulphate	< 0.14	< 0.16	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
Mirex	< 0.14	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
Heptachlor	< 0.13	< 0.15	< 0.13	< 0.12	< 0.14	< 0.12	< 0.12
Heptachlor Epoxide	0.33	0.36	0.34	0.33	0.34	0.32	0.3
Oxychlordane	0.81	0.58	1.5	0.29	0.64	0.28	0.31
γ - Chlordane	0.39	0.54	0.36	0.29	0.31	0.38	0.33
α -Chlordane	1.3	1.6	1.2	0.9	0.98	1.2	1
trans-Nonachlor	1.3	1.8	1.3	1	1.2	1.1	1.2
cis- Nonachlor	0.42	0.56	0.41	0.3	0.35	0.32	0.34
Nonachlor III	0.22	0.3	0.22	0.17	0.21	0.19	0.2
o,p' -DDE	0.28	0.4	0.26	0.29	0.32	0.29	0.25
p,p' - DDE	6.4	12	4.7	5.5	5.8	6.1	6.1
o,p' - DDD	0.31	0.41	0.3	0.24	0.34	0.27	0.24
p,p' - DDD	1.6	2.6	1.4	1.3	1.1	1.4	1.4
o,p' - DDT	0.7	1.1	0.82	0.44	0.73	0.54	0.61
p,p' - DDT	1	1.8	1.1	0.7	0.8	0.8	1

Tissue SIN	106663	105664	105651	105641	105642	105643	106650
Sample	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook
Description	Eggs	Eggs	Eggs	Muscle	Muscle	Muscle	Muscle
Year	2002	2002	2002	2002	2002	2002	2002
Length (cm)	114	114	127	94	107	104	104
Weight (kg)	22.7	22.7	27.2	12.3	15.9	16.3	16.3
Fish Age	1.4	1.4	1.4	1.2	1.3	1.3	1.3
Sample Wt	2.47	2.48	2.64	3.11	3.03	2.64	3.06
HCB	2.9	3	2.4	3.4	2.03	1.5	2.2
α - HCH	2	2	2	1.7	0.931	0.87	1.4
β - HCH	0.95	0.98	1	1	0.72	0.52	0.89
Lindane	0.31	0.31	0.35	0.16	< 0.283	0.13	0.2
Aldrin	< 0.15	< 0.13	< 0.063	< 0.098	< 0.287	< 0.12	< 0.084
Dieldrin	0.93	1	0.97	1.1	0.788	0.47	0.83
Endosulfan I	< 0.37	< 0.32	< 0.15	< 0.24	< 0.768	< 0.31	< 0.21
Endosulfan II	< 0.38	< 0.33	< 0.16	< 0.24	< 0.78	< 0.31	< 0.21
Endosulfan Sulphate	< 0.15	< 0.13	< 0.063	< 0.099	< 0.288	< 0.13	< 0.084
Mirex	< 0.15	< 0.13	< 0.063	0.11	< 0.286	< 0.12	0.11
Heptachlor	< 0.15	< 0.13	< 0.062	< 0.097	< 0.284	< 0.12	< 0.053
Heptachlor Epoxide	0.31	0.31	0.3	0.32	< 0.284	0.16	0.23
Oxychlordane	0.3	< 0.13	0.19	< 0.099	< 0.775	< 0.13	0.25
γ - Chlordane	0.42	0.42	0.29	0.56	0.425	0.2	0.34
α -Chlordane	1.3	1.3	0.88	1.6	0.997	0.55	1
trans-Nonachlor	1.2	1.3	0.99	1.9	1.49	0.81	1.5
cis- Nonachlor	0.36	0.36	0.28	0.58	0.488	0.23	0.42
Nonachlor III	0.21	0.2	0.15	0.27	< 0.285	< 0.12	0.2
o,p' -DDE	0.22	0.22	0.18	0.29	0.316	0.14	0.2
p,p' - DDE	3.9	4	4.3	8.6	9.43	2.9	4.9
o,p' - DDD	0.32	0.3	0.22	0.33	0.327	0.14	0.26
p,p' - DDD	1.2	1.2	1.1	1.9	2.12	0.68	1.3
o,p' - DDT	0.66	0.66	0.46	0.7	0.663	0.29	0.64
p,p' - DDT	0.81	0.81	0.61	1.1	1.21	0.42	0.86

Table 3

Tissue SIN	105644	105645	105646	105647	105648	105649	105653
Sample	Chinook	Chinook	Chinook	Chinook	Chinook	Chinook	Method
Description	Muscle	Muscle	Muscle	Muscle	Muscle	Muscle	Blank
Year	2002	2002	2002	2002	2002	2002	2002
Length (cm)	91	112	119	112	114	127	
Weight (kg)	16.3	18.2	18.6	20.4	22.7	27.2	
Fish Age	1.2	1.4	1.3	1.4	1.4	1.4	
Sample Wt	2.69	3.06	3.03	2.84	2.75	2.53	2.85
HCB	3.6	2.3	0.95	1.8	3.4	2.9	< 0.09
α - HCH	2.2	1.4	0.47	0.1	1.3	1.7	< 0.09
β - HCH	1.1	0.9	0.2	0.51	0.95	1	< 0.09
Lindane	0.18	0.19	< 0.058	< 0.16	0.15	0.21	< 0.09
Aldrin	< 0.087	< 0.093	< 0.058	< 0.16	< 0.11	< 0.11	< 0.09
Dieldrin	1.6	0.87	0.34	0.65	1.2	1.1	< 0.09
Endosulfan I	< 0.21	< 0.23	< 0.14	< 0.41	< 0.26	< 0.26	< 0.09
Endosulfan II	< 0.22	< 0.23	< 0.15	< 0.41	< 0.26	< 0.27	< 0.09
Endosulfan Sulphate	< 0.088	< 0.093	< 0.059	< 0.17	< 0.11	< 0.11	< 0.09
Mirex	0.092	0.11	< 0.058	< 0.16	0.12	< 0.11	< 0.09
Heptachlor	< 0.086	< 0.092	< 0.058	< 0.16	< 0.11	< 0.11	< 0.09
Heptachlor Epoxide	0.49	0.28	0.1	0.22	0.37	0.34	< 0.09
Oxychlordane	3.9	0.21	0.092	0.2	0.32	< 0.11	< 0.09
γ - Chlordane	0.54	0.34	0.17	0.29	0.69	0.44	< 0.09
α -Chlordane	1.5	1	0.5	0.72	2	1.3	< 0.09
trans-Nonachlor	2	1.6	0.58	1.2	2.2	1.7	< 0.09
cis- Nonachlor	0.63	0.44	0.16	0.31	0.68	0.48	< 0.09
Nonachlor III	0.28	0.25	0.085	0.17	0.31	0.23	< 0.09
o,p' -DDE	0.5	0.3	0.12	0.21	0.26	0.23	< 0.09
p,p' - DDE	9.9	7.1	2.9	5.1	6.2	5.9	< 0.09
o,p' - DDD	0.38	0.34	0.085	0.2	0.48	0.24	< 0.09
p,p' - DDD	2.2	1.3	0.57	1.2	2	1.5	< 0.09
o,p' - DDT	0.75	0.84	0.18	0.39	1.1	0.57	< 0.09
p,p' - DDT	1.2	0.94	0.31	0.67	1.4	0.9	< 0.09

Tissue SIN	105666	105652	10665
Sample	Method		
Description	Blank	SRM 1974a	SRM 1974b
Year	2002		
Length (cm)			
Weight (kg)			
Fish Age			
Sample Wt	2.5	2.52	2.56
HCB	< 0.14	< 0.365	< 0.16
α - HCH	< 0.14	< 0.373	0.29
β - HCH	< 0.14	0.498	0.28
Lindane	< 0.14	< 0.365	< 0.16
Aldrin	< 0.14	1.74	0.74
Dieldrin	< 0.14	< 0.965	0.63
Endosulfan I	< 0.14	< 0.991	< 0.4
Endosulfan II	< 0.14	< 1.01	< 0.41
Endosulfan Sulphate	< 0.14	< 0.372	< 0.17
Mirex	< 0.14	< 0.369	< 0.16
Heptachlor	< 0.14	< 0.366	< 0.16
Heptachlor Epoxide	< 0.14	< 0.366	< 0.16
Oxychlordane	< 0.14	< 0.099	< 0.17
γ - Chlordane	< 0.14	1.72	1.1
α -Chlordane	< 0.14	1.9	1.4
trans-Nonachlor	< 0.14	1.9	1.2
cis- Nonachlor	< 0.14	0.803	0.57
Nonachlor III	< 0.14	< 0.368	< 0.16
o,p' -DDE	< 0.14	< 0.378	0.27
p,p' - DDE	< 0.14	7.19	5.2
o,p' - DDD	< 0.14	1.77	2
p,p' - DDD	< 0.14	7.87	5.1
o,p' - DDT	< 0.14	< 0.363	< 0.16
p,p' - DDT	< 0.14	< 0.364	< 0.16