SAMPLE RECEIPT FORM / CHEMICAL ANALYSIS FORM

FILE #: PR142244

CLIENT: City of Spokane
N. 4401 A.L. White Parkway
Spokane, WA 99205

Phone: (509) 625-4638
Email: jdonovan@spokanecity.org

RECEIVED BY: J. del Pozo **DATE/TIME:** September 18, 2014 (1:00 p.m.)
CONDITION: good, 22.6°C

# of Containers	Sample Type	Sample (Client Codes)	Lab Codes	Test Requested
1	Liquid	PCB Product Sample – (002-082514-1039) #14-13435	PR142244	209PCB
1	Liquid	PCB Product Sample – (004-082514-1035) #14-13436	PR142245	209PCB
1	Liquid	PCB Product Sample – (007-082814-1401) #14-13437	PR142246	209PCB
1	Liquid	PCB Product Sample – (010-090914-0906) #14-13438	PR142247	209PCB
1	Liquid	PCB Product Sample – (011-090914-0908) #14-13439	PR142248	209PCB
1	Liquid	PCB Product Sample – (016-082714-1459) #14-13440	PR142249	209PCB
1	Liquid	PCB Product Sample – (018-082714-1455) #14-13441	PR142250	209PCB
1	Liquid	PCB Product Sample – (024-082714-1504) #14-13442	PR142251	209PCB
1	Liquid	PCB Product Sample – (035-082714-1453) #14-13443	PR142252	209PCB
1	Liquid	Replicate #1 #14-13444	PR142253	209PCB

RECEIVED BY: J. del Pozo **DATE/TIME:** September 18, 2014 (1:00 p.m.)
CONDITION: good, 22.6°C

# of Containers	Sample Type	Sample (Client Codes)	Lab Codes	Test Requested
1	Liquid	PCB Product Sample – (001-091014-1335) #14-13445	PR142254	209PCB
1	Liquid	Replicate #2 #14-13446	PR142255	209PCB
1	Liquid	PCB Product Sample – (003-091014-1340) #14-13447	PR142256	209PCB
1	Liquid	Replicate #3 #14-13448	PR142257	209PCB
1	Liquid	PCB Product Sample – (105-091514-0900) #14-13449	PR142258	209PCB
1	Solid	PCB Product Sample – (032-091014-1335) #14-13450	PR142259	209PCB

1	Solid	PCB Product Sample – (033-091014-1340) #14-13451	PR142260	209PCB
1	Solid	PCB Product Sample – (034-091014-1328) #14-13452	PR142261	209PCB
1	Solid	PCB Product Sample – (036-091014-1329) #14-13453	PR142262	209PCB
1	Liquid	PCB Product Sample – (017-082614-1400) #14-13454	PR142263	209PCB

RECEIVED BY: A. Savarino **DATE/TIME:** October 9, 2014 (12:00 p.m.)
CONDITION: good, 19.8°C

# of Containers	Sample Type	Sample (Client Codes)	Lab Codes	Test Requested
1	Solid	PCB Product Sample – (028-100214-1515) #14-14781	PR142509	209PCB
1	Solid	PCB Product Sample – (026-100214-1450) #14-14782	PR142510	209PCB
1	Solid	PCB Product Sample – (029-100314-1330) #14-14783	PR142511	209PCB
1	Solid	PCB Product Sample – (030-100314-1330) #14-14784	PR142512	209PCB
1	Solid	PCB Product Sample – (031-100314-1330) #14-14785	PR142513	209PCB
1	Liquid	PCB Product Sample – (009-091614-1520) #14-14786	PR142514	209PCB
1	Liquid	PCB Product Sample – (008-091814-0925) #14-14787	PR142515	209PCB
1	Liquid	PCB Product Sample – (008-091814-0925) Replicate #4 #14-14788	PR142516	209PCB
1	Liquid	PCB Product Sample – (015-091814-0935) #14-14789	PR142517	209PCB
1	Liquid	PCB Product Sample – (025-091814-1006) #14-14790	PR142518	209PCB
1	Liquid	PCB Product Sample – (022-092914-1245) #14-14791	PR142519	209PCB
1	Liquid	PCB Product Sample – (021-100214-1420) #14-14792	PR142520	209PCB

STORAGE: Stored at 4°C.

ANALYTES: HRGC/HRMS analysis for polychlorinated biphenyls (209 congeners)

SPECIAL INSTRUCTIONS: none

METHODOLOGY

Reference Method: PCB: SOP LAB02; EPA Method 1668

Data summarized in Data Report Attached

Report sent to: Jeff Donovan Date: November 6, 2014

Comments: Results relate only to items tested.

Case Narrative – PCBs

Sample Preparation
The samples were batched into different classes depending on the type of material submitted. The classes were oil; water soluble liquid; paint; and solids. Each batch consisted of a number of samples, one duplicate, a blank and a spike (LCS).

- Oils - Approximately 1.0 g of oil was dissolved in 50 mL of hexane and spiked with 5 ng each of 27 carbon-13 labelled PCB internal standards. An aliquot of 5 mL was removed and placed in a vial containing 60 mL of concentrated H_2SO_4 . Clean-up standard (5 ng) was added at this time. 20 mL of 9:1 hexane/acetone was added and the sample was sonicated for 20 minutes.

- Water soluble liquids - Approximately 1.0 g of liquid was spiked with 5 ng each of 27 carbon-13 labelled PCB internal standards and placed in a vial containing 60 mL of concentrated H_2SO_4 . Clean-up standard (5 ng) was added at this time. 20 mL of 9:1 hexane/acetone was added and the sample was sonicated for 20 minutes.

- Paint - Approximately 1.0 g of paint was spiked with 5 ng each of 27 carbon-13 labelled PCB internal standards and placed in a vial containing 50 mL of concentrated H_2SO_4 . Clean-up standard (5 ng) was added at this time. 20 mL of 9:1 hexane/acetone was added and the sample was sonicated for 20 minutes.

- Solids – Solids were crushed into small pieces. Approximately 10.0 g of solid was mixed with 25 g of anhydrous sodium sulphate and spiked with 5 ng each of 27 carbon-13 labelled PCB internal standards. The samples were transferred to a soxhlet thimble and extracted for 16-20 hours with 300 mL toluene. After cooling, the excess solvent was removed by rotary evaporator. The sample was reconstituted in 5 mL of hexane and placed in a vial containing 100 mL of concentrated H_2SO_4 . Clean-up standard (5 ng) was added at this time.

The hexane was removed and then cleaned up in acid silica gel column. The eluate from the column was concentrated by rotary evaporator to 2 mL and further reduced to 50 µL was by a gentle stream of nitrogen. Recovery standard (5 ng) was added and the final volume made up to 200 µL.

Instrument Calibration
All samples were analysed on a Thermo Instruments DFS high resolution mass spectrometer coupled with a Thermo Trace gas chromatograph. The column used was a 60 m HT8 (SGE), 0.15 µm, 0.25 mm i.d.

A six point calibration covering the first and last eluters in each level of chlorination (LOC), plus all dioxin-like PCBs was run on October 17, 2014. A single point cali for the remaining congeners was run on October 17, 2014.

1. All LOC/Toxic CBs are calibrated as per EPA 1668c §10.4.

An initial six point calibration (CS-LO, CS-1 to CS-5) consisting of the first and last eluting congener in for each homolog plus the twelve toxic PCBs was run covering the range of 0.2 ng/mL to 2000 ng/mL. Surrogate and recovery standards are kept at a constant 100 ng/mL.

- Internal standards were quantified relative to the Recovery Standards as follows:
  - use PCB-009L as per method for PCB001L, PCB003L,PCB004L and PCB015L. Also use for PCB019L
  - use PCB-052L as per method for PCB037L, PCB054L, PCB081L, PCB077L and PCB028L.
  - use PCB-101L as per method for PCB104L and PCB111L. Also use for and PCB155L.
  - use PCB-138L as per method for PCB167L, PCB156L, PCB157L and PCB169L. Also use for PCB123L, PCB118L, PCB114L, PCB105L, PCB126L, PCB188L, PCB178L and PCB202L.
  - use PCB-194L as per method for PCB189L, PCB205L, PCB206L, PCB208L and PCB209L.

2. All other CBs are calibrated by internal standard as per EPA 1668c §10.5:
   - All other CBs are calibrated against the average response for all internal standards in a given LOC.
   - Concentrations for natives and internal standards are as follows:
     - MoCB, DiCB and TriCB @ 25 ng/mL
     - TeCB, PeCB, HxCB and HpCB @ 50 ng/mL
     - OcCB, NoCB @ 75 ng/mL
     - All internal standards @ 100 ng/mL

Calibration Verification

The calibration was verified at the beginning and end of the run (or every twelve hours) with a single-point 209 congener standard (CS209, 25-75 ng/mL). The criteria used to evaluate data is from 1668C :

- 75-125% for LOC and dl-PCBs. All other PCBs require correct ion ratios
- 50-145% for labelled compounds.

The CalVers were acceptable.

Mass Resolution

The high resolution mass spectrometer was operated at a resolution of >8,000. This resolution was checked each day documented in hardcopy.

Results

All data was quantified using TargetQuan 3.1 software.

All data <5x blank levels are flagged with a B.

Any congener data that failed to meet acceptable ion ratios was flagged with an "N" provided its EMPC was greater than the reporting limit.

EQLs were calculated assuming a final volume of 200 µL. For a 1.0 g sample and CS-Lo of 0.2 ng/mL, the EQL calculates to 0.04 ng/kg. All data below the EQL but above the RL was flagged with a J.

The following flags or qualifiers have been used with this data set:

B: sample concentration is <5x concentration found in the blank
U: not detected at the concentration listed
J: sample concentration is less than lowest point on calibration curve
N: not detected due to incorrect ion ratio. Concentration report is EMPC.

Standard Recoveries

All standard recoveries were within the limits specified by the method:

- Mono, Di and Trichlorobenzenes – 5-145%
- All other chlorobenzenes – 10-145%

QC Samples

Blanks

Method blank was carried through the extraction and clean-up procedure. All data <5x blank levels are flagged with a B.

Spikes

Blank matrix was spiked with 1 ng each of 72 PCB congeners and carried through the extraction and clean-up procedures. Recoveries of all toxic PCBs and window defining PCBs within the acceptable range of 50-150%.

Duplicates

Four samples were analyzed in duplicate. The criteria used to evaluate these duplicates was a relative percent difference (difference / mean) of <50% when congeners were detected in both samples at a level greater than 10 x the detection limit. All duplicates met this criteria.

Digitally signed by David Hope
DN: c=CA, st=BC, l=Surrey, o=Pacific Rim Laboratories Inc., cn=David Hope, email=dave@pacificrimlabs.com
Date: 2014.11.06 15:31:29 -08'00'

Dave Hope PChem, CEO

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (002-082514-1039)	Date Extracted:	10/10/2014
Field ID:	#14-13435 (Paint)	Date Analysed:	10/24/2014
PRL ID:	PR142244	HRMS File:	FS10231412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.009	0.0038	NJ	0.0038
3-MoCB	PCB-002	2051-61-8	0.0137	0.0049	J	0.0049
4-MoCB	PCB-003	2051-62-9	0.0055	0.0055	UJ	0.0055
2,6-DiCB	PCB-010	33146-45-1	0.0047	0.0047	UJ	0.0047
2,2'-DiCB	PCB-004	13029-08-8	0.0079	0.0056	J	0.0056
2,5-DiCB	PCB-009	34883-39-1	0.0049	0.0049	UJ	0.0049
2,4-DiCB	PCB-007	33284-50-3	0.0064	0.004	J	0.004
2,3'-DiCB	PCB-006	25569-80-6	0.0063	0.0047	NJ	0.0047
2,3/2,4'-DiCB	PCB-005/008		0.0077	0.0043	NJ	0.0043
3,5-DiCB	PCB-014	34883-41-5	0.0052	0.0052	UJ	0.0052
3,3'-DiCB	PCB-011	2050-67-1	63.8	0.0052		0.0052
3,4/3,4'-DiCB	PCB-012/013		0.005	0.005	UJ	0.005
4,4'-DiCB	PCB-015	2050-68-2	0.0092	0.0092	UJ	0.0092
2,2',6-TrCB	PCB-019	38444-73-4	0.0012	0.0012	UJ	0.0012
2,4,6-TrCB	PCB-030	35693-92-6	0.001	0.001	UJ	0.001
2,2',5-TrCB	PCB-018	37680-65-2	0.0098	0.0014	J	0.0014
2,2',4-TrCB	PCB-017	37680-66-3	0.0014	0.0014	UJ	0.0014
2,3,6-TrCB	PCB-024	55702-45-9	0.0012	0.0012	UJ	0.0012
2,3',6-TrCB	PCB-027	38444-76-7	0.0008	0.0008	UJ	0.0008
2,4',6-TrCB	PCB-032	38444-77-8	0.0039	0.001	J	0.001
2,2',3-TrCB	PCB-016	38444-78-9	0.0053	0.0017	J	0.0017
2,3,5-TrCB	PCB-023	55720-44-0	0.004	0.0014	J	0.0014
2,3',5'-TrCB	PCB-034	37680-68-5	0.0014	0.0014	UJ	0.0014
2,4,5-TrCB	PCB-029	15862-07-4	0.0011	0.0011	UJ	0.0011
2,3',5-TrCB	PCB-026	38444-81-4	0.0081	0.0012	J	0.0012
2,3',4-TrCB	PCB-025	55712-37-3	0.0013	0.0013	UJ	0.0013
2,4',5-TrCB	PCB-031	16606-02-3	0.0069	0.001	NJ	0.001
2,4,4'-TrCB	PCB-028	7012-37-5	0.0123	0.0012	BJ	0.0012
2,3,4-TrCB	PCB-021	55702-46-0	0.0057	0.0017	J	0.0017
	PCB-020/033		0.0173	0.0013	BJ	0.0013
2,3,4'-TrCB	PCB-022	38444-85-8	0.0044	0.0016	NJ	0.0016
3,3',5-TrCB	PCB-036	38444-87-0	0.003	0.0014	J	0.0014
3,4',5-TrCB	PCB-039	38444-88-1	0.0015	0.0015	UJ	0.0015
3,4,5-TrCB	PCB-038	53555-66-1	0.0017	0.0017	UJ	0.0017
3,3',4-TrCB	PCB-035	37680-69-6	0.464	0.0017		0.0017
3,4,4'-TrCB	PCB-037	38444-90-5	0.0042	0.0042	UJ	0.0042
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0008	0.0008	UJ	0.0008
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0023	0.0016	J	0.0016
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0017	0.0017	UJ	0.0017
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0035	0.0016	J	0.0016
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0022	0.0017	NJ	0.0017
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0021	0.0021	UJ	0.0021
	PCB-052/069		0.024	0.0015	BJ	0.0015
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0015	0.0012	NJ	0.0012
	PCB-043/049		0.0135	0.0017	J	0.0017
	PCB-065/075		0.0012	0.0012	UJ	0.0012
	PCB-047/048		0.0051	0.0017	NJ	0.0017
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0015	0.0015	UJ	0.0015
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0085	0.0021	BJ	0.0021
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0014	0.0014	UJ	0.0014
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0041	0.0019	J	0.0019

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (002-082514-1039)	Date Extracted:	10/10/2014
Field ID:	#14-13435 (Paint)	Date Analysed:	10/24/2014
PRL ID:	PR142244	HRMS File:	FS10231412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0106	0.0014	J	0.0014
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0011	0.0011	UJ	0.0011
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0036	0.0019	NJ	0.0019
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0216	0.0012	J	0.0012
	PCB-040/057		0.0017	0.0017	UJ	0.0017
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0015	0.0015	UJ	0.0015
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0014	0.0014	UJ	0.0014
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0012	0.0012	UJ	0.0012
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0016	0.0016	UJ	0.0016
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0013	0.0013	UJ	0.0013
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0017	0.0017	UJ	0.0017
	PCB-055/080		0.0014	0.0014	UJ	0.0014
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.005	0.0012	J	0.0012
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0014	0.0014	UJ	0.0014
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0016	0.0016	UJ	0.0016
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0018	0.0015	NJ	0.0015
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0015	0.0015	UJ	0.0015
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0015	0.0015	UJ	0.0015
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0031	0.0031	UJ	0.0031
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.432	0.0031		0.0031
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.001	0.001	UJ	0.001
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0008	0.0008	UJ	0.0008
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0009	0.0009	UJ	0.0009
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0011	0.0011	UJ	0.0011
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0012	0.0012	UJ	0.0012
	PCB-093/098/102		0.0012	0.0012	UJ	0.0012
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0029	0.001	J	0.001
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0011	0.0011	UJ	0.0011
	PCB-091/121		0.0036	0.0009	NJ	0.0009
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0011	0.0011	UJ	0.0011
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0015	0.0013	NJ	0.0013
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0017	0.0011	NJ	0.0011
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0014	0.0013	NJ	0.0013
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0044	0.0011	NJ	0.0011
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0009	0.0009	UJ	0.0009
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0023	0.001	NJ	0.001
	PCB-112/119		0.0008	0.0008	UJ	0.0008
	PCB-083/109		0.0026	0.0011	J	0.0011
	PCB-086/117		0.0014	0.001	J	0.001
	PCB-097/116		0.0011	0.0011	UJ	0.0011
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0009	0.0009	UJ	0.0009
	PCB-087/115		0.0011	0.0011	UJ	0.0011
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0016	0.0009	J	0.0009
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0012	0.0012	UJ	0.0012
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0009	0.0009	UJ	0.0009
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0024	0.0009	BJ	0.0009
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0014	0.0014	UJ	0.0014
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0014	0.0014	UJ	0.0014
	PCB-107/108		0.0014	0.0014	UJ	0.0014
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0013	0.0013	UJ	0.0013
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0024	0.0013	NJ	0.0013

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (002-082514-1039)	Date Extracted:	10/10/2014
Field ID:	#14-13435 (Paint)	Date Analysed:	10/24/2014
PRL ID:	PR142244	HRMS File:	FS10231412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0034	0.0012	J	0.0012
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0012	0.0012	UJ	0.0012
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0013	0.0013	UJ	0.0013
	PCB-105/127		0.0051	0.0013	BJ	0.0013
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0031	0.0018	NJ	0.0018
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.001	0.001	UJ	0.001
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0007	0.0007	UJ	0.0007
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0006	0.0006	UJ	0.0006
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0007	0.0007	UJ	0.0007
	PCB-136/148		0.0007	0.0007	NJ	0.0007
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0014	0.0008	J	0.0008
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.001	0.001	UJ	0.001
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0008	0.0008	UJ	0.0008
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0012	0.0012	UJ	0.0012
	PCB-139/149		0.0038	0.0009	J	0.0009
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0012	0.0012	UJ	0.0012
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0013	0.0013	UJ	0.0013
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0017	0.0017	UJ	0.0017
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0017	0.0017	UJ	0.0017
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0013	0.0013	UJ	0.0013
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0013	0.0013	UJ	0.0013
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.001	0.001	UJ	0.001
	PCB-132/161		0.0037	0.0011	J	0.0011
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0062	0.0011	J	0.0011
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0012	0.0012	UJ	0.0012
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0014	0.0014	UJ	0.0014
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0025	0.0015	NJ	0.0015
	PCB-163/164		0.002	0.0011	NJ	0.0011
	PCB-138/160		0.0097	0.0013	BJ	0.0013
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0024	0.001	J	0.001
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0012	0.0012	UJ	0.0012
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.001	0.001	UJ	0.001
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0037	0.001	J	0.001
	PCB-128/162		0.0043	0.0012	NJ	0.0012
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0018	0.001	NJ	0.001
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0028	0.001	J	0.001
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0014	0.0014	UJ	0.0014
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.001	0.001	UJ	0.001
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0035	0.0006	J	0.0006
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0012	0.0007	NJ	0.0007
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0009	0.0009	UJ	0.0009
	PCB-182/187		0.0019	0.0008	NJ	0.0008
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0008	0.0008	UJ	0.0008
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0009	0.0009	UJ	0.0009

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (002-082514-1039)	Date Extracted:	10/10/2014
Field ID:	#14-13435 (Paint)	Date Analysed:	10/24/2014
PRL ID:	PR142244	HRMS File:	FS10231412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0009	0.0009	UJ	0.0009
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0026	0.0011	BJ	0.0011
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0007	0.0007	UJ	0.0007
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0026	0.0007	J	0.0007
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.001	0.001	UJ	0.001
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0008	0.0006	NJ	0.0006
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.001	0.0009	NJ	0.0009
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0016	0.0006	J	0.0006
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0013	0.0007	NJ	0.0007
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0052	0.0008	NJ	0.0008
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0021	0.0006	NJ	0.0006
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0028	0.0006	NJ	0.0006

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.014	0.0038	J
Dichlorobiphenyls	12	63.8	0.004	
Trichlorobiphenyls	24	0.533	0.0008	
Tetrachlorobiphenyls	42	0.526	0.0008	
Pentachlorobiphenyls	46	0.019	0.0008	BJ
Hexachlorobiphenyls	42	0.034	0.0006	BJ
Heptachlorobiphenyls	24	0.01	0.0006	BJ
Octachlorobiphenyls	12	0.002	0.0005	BJ
Nonachlorobiphenyls	3	0.0009	0.0009	UJ
Decachlorobiphenyl	1	0.0006	0.0006	UJ
Total PCB		65	0.0005	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (002-082514-1039)	Date Extracted:	10/10/2014
Field ID:	#14-13435 (Paint)	Date Analysed:	10/24/2014
PRL ID:	PR142244	HRMS File:	FS10231412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
$^{13}C_{12}$-2-MoCB	1L	12	5	145
$^{13}C_{12}$-4-MoCB	3L	9	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	30	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	38	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	31	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	75	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	47	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	55	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	56	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	47	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	64	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	64	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	62	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	66	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	63	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	45	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	54	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	56	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	54	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	59	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	37	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	76	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	32	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	58	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	45	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	49	10	145
$^{13}C_{12}$-DeCB	209L	41	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	127	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	99	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	77	10	145

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Tel: + 604.532.8711 Fax: + 604.532.8712 Email: info@pacificrimlabs.com

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245	HRMS File:	FS102214A13

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0041	0.0028	J	0.0028
3-MoCB	PCB-002	2051-61-8	0.0097	0.0037	J	0.0037
4-MoCB	PCB-003	2051-62-9	0.0105	0.0043	NJ	0.0043
2,6-DiCB	PCB-010	33146-45-1	0.0014	0.0014	UJ	0.0014
2,2'-DiCB	PCB-004	13029-08-8	0.0018	0.0018	UJ	0.0018
2,5-DiCB	PCB-009	34883-39-1	0.0015	0.0015	UJ	0.0015
2,4-DiCB	PCB-007	33284-50-3	0.0028	0.0012	NJ	0.0012
2,3'-DiCB	PCB-006	25569-80-6	0.0031	0.0014	J	0.0014
2,3/2,4'-DiCB	PCB-005/008		0.0063	0.0013	NJ	0.0013
3,5-DiCB	PCB-014	34883-41-5	0.0016	0.0016	UJ	0.0016
3,3'-DiCB	PCB-011	2050-67-1	0.115	0.0016		0.0016
3,4/3,4'-DiCB	PCB-012/013		0.0015	0.0015	UJ	0.0015
4,4'-DiCB	PCB-015	2050-68-2	0.0026	0.0026	UJ	0.0026
2,2',6-TrCB	PCB-019	38444-73-4	0.0008	0.0008	UJ	0.0008
2,4,6-TrCB	PCB-030	35693-92-6	0.0007	0.0007	UJ	0.0007
2,2',5-TrCB	PCB-018	37680-65-2	0.0099	0.0009	J	0.0009
2,2',4-TrCB	PCB-017	37680-66-3	0.003	0.001	J	0.001
2,3,6-TrCB	PCB-024	55702-45-9	0.0008	0.0008	UJ	0.0008
2,3',6-TrCB	PCB-027	38444-76-7	0.0005	0.0005	UJ	0.0005
2,4',6-TrCB	PCB-032	38444-77-8	0.0007	0.0007	UJ	0.0007
2,2',3-TrCB	PCB-016	38444-78-9	0.003	0.0011	NJ	0.0011
2,3,5-TrCB	PCB-023	55720-44-0	0.0009	0.0009	UJ	0.0009
2,3',5'-TrCB	PCB-034	37680-68-5	0.0009	0.0009	UJ	0.0009
2,4,5-TrCB	PCB-029	15862-07-4	0.0007	0.0007	UJ	0.0007
2,3',5-TrCB	PCB-026	38444-81-4	0.0008	0.0008	UJ	0.0008
2,3',4-TrCB	PCB-025	55712-37-3	0.0009	0.0009	UJ	0.0009
2,4',5-TrCB	PCB-031	16606-02-3	0.0063	0.0007	J	0.0007
2,4,4'-TrCB	PCB-028	7012-37-5	0.0039	0.0009	BJ	0.0009
2,3,4-TrCB	PCB-021	55702-46-0	0.0011	0.0011	UJ	0.0011
	PCB-020/033		0.0094	0.0009	BJ	0.0009
2,3,4'-TrCB	PCB-022	38444-85-8	0.0028	0.0011	NJ	0.0011
3,3',5-TrCB	PCB-036	38444-87-0	0.001	0.001	UJ	0.001
3,4',5-TrCB	PCB-039	38444-88-1	0.002	0.001	NJ	0.001
3,4,5-TrCB	PCB-038	53555-66-1	0.0011	0.0011	UJ	0.0011
3,3',4-TrCB	PCB-035	37680-69-6	0.0012	0.0012	UJ	0.0012
3,4,4'-TrCB	PCB-037	38444-90-5	0.0028	0.0028	UJ	0.0028
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0007	0.0007	UJ	0.0007
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0012	0.0012	UJ	0.0012
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0013	0.0013	UJ	0.0013
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0013	0.0013	UJ	0.0013
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0013	0.0013	UJ	0.0013
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0016	0.0016	UJ	0.0016
	PCB-052/069		0.013	0.0012	BJ	0.0012
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0009	0.0009	UJ	0.0009
	PCB-043/049		0.0076	0.0013	J	0.0013
	PCB-065/075		0.0009	0.0009	UJ	0.0009
	PCB-047/048		0.01	0.0013	J	0.0013
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0011	0.0011	UJ	0.0011
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0079	0.0017	BJ	0.0017
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0011	0.0011	UJ	0.0011
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0015	0.0015	UJ	0.0015

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245	HRMS File:	FS102214A13

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0053	0.0011	NJ	0.0011
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0008	0.0008	UJ	0.0008
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0015	0.0015	UJ	0.0015
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0112	0.001	NJ	0.001
	PCB-040/057		0.0013	0.0013	UJ	0.0013
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0011	0.0011	UJ	0.0011
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0011	0.0011	UJ	0.0011
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0009	0.0009	UJ	0.0009
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0012	0.0012	UJ	0.0012
2,4,4',5-TeCB	PCB-074	32690-93-0	0.001	0.001	UJ	0.001
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0013	0.0013	UJ	0.0013
	PCB-055/080		0.0228	0.0011	J	0.0011
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0057	0.0009	NJ	0.0009
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0011	0.0011	UJ	0.0011
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.002	0.0013	NJ	0.0013
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0019	0.0012	NJ	0.0012
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.101	0.0012	UJ	0.0012
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0012	0.0012	UJ	0.0012
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0022	0.0022	UJ	0.0022
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0037	0.0022	J	0.0022
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0007	0.0007	UJ	0.0007
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0006	0.0006	UJ	0.0006
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0007	0.0007	UJ	0.0007
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0008	0.0008	UJ	0.0008
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0009	0.0009	UJ	0.0009
	PCB-093/098/102		0.0009	0.0009	UJ	0.0009
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0031	0.0007	NJ	0.0007
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0008	0.0008	UJ	0.0008
	PCB-091/121		0.0007	0.0007	UJ	0.0007
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0011	0.0008	NJ	0.0008
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0019	0.001	NJ	0.001
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0008	0.0008	UJ	0.0008
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0046	0.0009	NJ	0.0009
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0051	0.0008	J	0.0008
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0007	0.0007	UJ	0.0007
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0014	0.0008	NJ	0.0008
	PCB-112/119		0.0016	0.0006	J	0.0006
	PCB-083/109		0.0008	0.0008	UJ	0.0008
	PCB-086/117		0.0008	0.0008	UJ	0.0008
	PCB-097/116		0.0008	0.0008	UJ	0.0008
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0007	0.0007	UJ	0.0007
	PCB-087/115		0.0008	0.0008	UJ	0.0008
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0163	0.0007	J	0.0007
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0009	0.0009	UJ	0.0009
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0006	0.0006	UJ	0.0006
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0111	0.0007	BJ	0.0007
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.001	0.001	UJ	0.001
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0011	0.0011	UJ	0.0011
	PCB-107/108		0.0164	0.0011	J	0.0011
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0009	0.0009	UJ	0.0009
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0009	0.0009	UJ	0.0009

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245	HRMS File:	FS102214A13

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0109	0.0009	J	0.0009
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0009	0.0009	UJ	0.0009
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.001	0.001	UJ	0.001
	PCB-105/127		0.0129	0.001	BJ	0.001
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0019	0.0014	NJ	0.0014
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.001	0.001	UJ	0.001
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0007	0.0007	UJ	0.0007
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0006	0.0006	UJ	0.0006
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0007	0.0007	UJ	0.0007
	PCB-136/148		0.0017	0.0007	NJ	0.0007
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0008	0.0008	UJ	0.0008
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0013	0.0009	NJ	0.0009
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.001	0.001	UJ	0.001
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0008	0.0008	UJ	0.0008
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0012	0.0012	UJ	0.0012
	PCB-139/149		0.0067	0.0009	J	0.0009
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0013	0.0013	UJ	0.0013
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0014	0.0014	UJ	0.0014
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0018	0.0018	UJ	0.0018
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0024	0.0014	UJ	0.0014
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0017	0.0017	UJ	0.0017
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0013	0.0013	UJ	0.0013
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.002	0.0013	UJ	0.0013
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0048	0.0011	J	0.0011
	PCB-132/161		0.0045	0.0012	NJ	0.0012
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0081	0.0012	J	0.0012
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0013	0.0013	UJ	0.0013
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0045	0.0014	NJ	0.0014
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0016	0.0016	UJ	0.0016
	PCB-163/164		0.0012	0.0012	UJ	0.0012
	PCB-138/160		0.0034	0.0013	NJ	0.0013
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.001	0.001	UJ	0.001
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0013	0.0013	UJ	0.0013
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.001	0.001	UJ	0.001
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0084	0.001	NJ	0.001
	PCB-128/162		0.0079	0.0013	NJ	0.0013
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.001	0.001	UJ	0.001
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0051	0.001	J	0.001
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.001	0.001	UJ	0.001
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0015	0.0015	UJ	0.0015
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.001	0.001	UJ	0.001
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0008	0.0008	UJ	0.0008
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.001	0.001	UJ	0.001
	PCB-182/187		0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0009	0.0009	NJ	0.0009
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0011	0.0011	UJ	0.0011

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245	HRMS File:	FS102214A13

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.001	0.001	UJ	0.001
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0012	0.001	NJ	0.001
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0011	0.0011	UJ	0.0011
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0052	0.0013	BJ	0.0013
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0007	0.0007	UJ	0.0007
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0026	0.0009	NJ	0.0009
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.001	0.001	UJ	0.001
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.001	0.001	UJ	0.001
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.001	0.001	UJ	0.001
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0063	0.0015	NJ	0.0015
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0014	0.0014	UJ	0.0014
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0015	0.0015	UJ	0.0015
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0019	0.0019	UJ	0.0019
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0016	0.0016	UJ	0.0016

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.014	0.0028	J
Dichlorobiphenyls	12	0.118	0.0012	B
Trichlorobiphenyls	24	0.032	0.0005	BJ
Tetrachlorobiphenyls	42	0.066	0.0007	B
Pentachlorobiphenyls	46	0.074	0.0006	
Hexachlorobiphenyls	42	0.025	0.0006	BJ
Heptachlorobiphenyls	24	0.005	0.0007	BJ
Octachlorobiphenyls	12	0.001	0.001	UJ
Nonachlorobiphenyls	3	0.0017	0.0017	UJ
Decachlorobiphenyl	1	0.0016	0.0016	UJ
Total PCB		0.334	0.0005	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245	HRMS File:	FS102214A13

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	14	5	145
$^{13}C_{12}$-4-MoCB	3L	9	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	33	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	34	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	35	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	73	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	56	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	68	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	64	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	59	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	85	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	91	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	79	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	86	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	89	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	56	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	67	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	67	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	65	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	50	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	98	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	42	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	71	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	68	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	57	10	145
$^{13}C_{12}$-DeCB	209L	47	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	117	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	101	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	80	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245D	HRMS File:	FS10231406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0054	0.0046	J	0.0046
3-MoCB	PCB-002	2051-61-8	0.0095	0.0059	J	0.0059
4-MoCB	PCB-003	2051-62-9	0.0063	0.0063	UJ	0.0063
2,6-DiCB	PCB-010	33146-45-1	0.0018	0.0018	NJ	0.0018
2,2'-DiCB	PCB-004	13029-08-8	0.0022	0.0021	NJ	0.0021
2,5-DiCB	PCB-009	34883-39-1	0.0019	0.0019	UJ	0.0019
2,4-DiCB	PCB-007	33284-50-3	0.0015	0.0015	UJ	0.0015
2,3'-DiCB	PCB-006	25569-80-6	0.0018	0.0018	UJ	0.0018
2,3/2,4'-DiCB	PCB-005/008		0.0091	0.0017	BJ	0.0017
3,5-DiCB	PCB-014	34883-41-5	0.0036	0.002	UJ	0.002
3,3'-DiCB	PCB-011	2050-67-1	0.0891	0.002		0.002
3,4/3,4'-DiCB	PCB-012/013		0.0037	0.0019	J	0.0019
4,4'-DiCB	PCB-015	2050-68-2	0.0035	0.0035	UJ	0.0035
2,2',6-TrCB	PCB-019	38444-73-4	0.001	0.001	UJ	0.001
2,4,6-TrCB	PCB-030	35693-92-6	0.0008	0.0008	UJ	0.0008
2,2',5-TrCB	PCB-018	37680-65-2	0.0053	0.0011	J	0.0011
2,2',4-TrCB	PCB-017	37680-66-3	0.0028	0.0012	J	0.0012
2,3,6-TrCB	PCB-024	55702-45-9	0.0009	0.0009	UJ	0.0009
2,3',6-TrCB	PCB-027	38444-76-7	0.0006	0.0006	UJ	0.0006
2,4',6-TrCB	PCB-032	38444-77-8	0.0021	0.0008	NJ	0.0008
2,2',3-TrCB	PCB-016	38444-78-9	0.0014	0.0014	UJ	0.0014
2,3,5-TrCB	PCB-023	55720-44-0	0.0011	0.0011	UJ	0.0011
2,3',5'-TrCB	PCB-034	37680-68-5	0.0011	0.0011	UJ	0.0011
2,4,5-TrCB	PCB-029	15862-07-4	0.0008	0.0008	UJ	0.0008
2,3',5-TrCB	PCB-026	38444-81-4	0.0009	0.0009	UJ	0.0009
2,3',4-TrCB	PCB-025	55712-37-3	0.0022	0.0011	J	0.0011
2,4',5-TrCB	PCB-031	16606-02-3	0.0046	0.0008	J	0.0008
2,4,4'-TrCB	PCB-028	7012-37-5	0.0074	0.001	BJ	0.001
2,3,4-TrCB	PCB-021	55702-46-0	0.0014	0.0014	UJ	0.0014
	PCB-020/033		0.0048	0.0011	BJ	0.0011
2,3,4'-TrCB	PCB-022	38444-85-8	0.0031	0.0013	J	0.0013
3,3',5-TrCB	PCB-036	38444-87-0	0.0011	0.0011	UJ	0.0011
3,4',5-TrCB	PCB-039	38444-88-1	0.0012	0.0012	UJ	0.0012
3,4,5-TrCB	PCB-038	53555-66-1	0.0014	0.0014	UJ	0.0014
3,3',4-TrCB	PCB-035	37680-69-6	0.0017	0.0014	NJ	0.0014
3,4,4'-TrCB	PCB-037	38444-90-5	0.0036	0.0036	UJ	0.0036
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0008	0.0008	UJ	0.0008
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0014	0.0014	UJ	0.0014
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0039	0.0015	J	0.0015
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0015	0.0015	UJ	0.0015
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0016	0.0016	NJ	0.0016
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0019	0.0019	UJ	0.0019
	PCB-052/069		0.0126	0.0014	BJ	0.0014
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0011	0.0011	UJ	0.0011
	PCB-043/049		0.0056	0.0016	J	0.0016
	PCB-065/075		0.0011	0.0011	UJ	0.0011
	PCB-047/048		0.0015	0.0015	UJ	0.0015
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0013	0.0013	UJ	0.0013
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0029	0.002	NJ	0.002
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0013	0.0013	UJ	0.0013
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0017	0.0017	UJ	0.0017

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245D	HRMS File:	FS10231406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0012	0.0012	UJ	0.0012
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0018	0.001	NJ	0.001
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0017	0.0017	UJ	0.0017
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0066	0.0011	J	0.0011
	PCB-040/057		0.0015	0.0015	UJ	0.0015
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0013	0.0013	UJ	0.0013
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0013	0.0013	UJ	0.0013
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0028	0.0011	J	0.0011
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0014	0.0014	UJ	0.0014
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0012	0.0012	UJ	0.0012
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0015	0.0015	UJ	0.0015
	PCB-055/080		0.0204	0.0013	NJ	0.0013
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0036	0.0011	NJ	0.0011
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0013	0.0013	UJ	0.0013
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0015	0.0015	UJ	0.0015
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0014	0.0014	UJ	0.0014
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0014	0.0014	UJ	0.0014
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0014	0.0014	UJ	0.0014
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0028	0.0028	UJ	0.0028
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0026	0.0026	UJ	0.0026
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0009	0.0009	UJ	0.0009
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0007	0.0007	UJ	0.0007
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0008	0.0008	UJ	0.0008
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0009	0.0009	UJ	0.0009
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0011	0.0011	UJ	0.0011
	PCB-093/098/102		0.0019	0.001	NJ	0.001
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0054	0.0008	J	0.0008
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.001	0.001	UJ	0.001
	PCB-091/121		0.0015	0.0008	NJ	0.0008
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.001	0.001	UJ	0.001
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.005	0.0011	NJ	0.0011
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0016	0.0009	NJ	0.0009
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0018	0.0011	NJ	0.0011
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0032	0.0009	NJ	0.0009
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0008	0.0008	UJ	0.0008
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0009	0.0009	UJ	0.0009
	PCB-112/119		0.0007	0.0007	UJ	0.0007
	PCB-083/109		0.0009	0.0009	UJ	0.0009
	PCB-086/117		0.0009	0.0009	UJ	0.0009
	PCB-097/116		0.001	0.001	UJ	0.001
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0008	0.0008	UJ	0.0008
	PCB-087/115		0.0009	0.0009	UJ	0.0009
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0037	0.0008	NJ	0.0008
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.001	0.001	UJ	0.001
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.003	0.0007	NJ	0.0007
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.004	0.0008	BJ	0.0008
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0012	0.0012	UJ	0.0012
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0011	0.0011	UJ	0.0011
	PCB-107/108		0.0133	0.0012	J	0.0012
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0011	0.0011	UJ	0.0011
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0011	0.0011	UJ	0.0011

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245D	HRMS File:	FS10231406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.011	0.0011	J	0.0011
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.001	0.001	UJ	0.001
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0011	0.0011	UJ	0.0011
	PCB-105/127		0.0135	0.0011	BJ	0.0011
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0032	0.0014	NJ	0.0014
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0011	0.0011	UJ	0.0011
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0006	0.0006	UJ	0.0006
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0011	0.0005	NJ	0.0005
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0014	0.0006	J	0.0006
	PCB-136/148		0.0012	0.0006	BJ	0.0006
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0009	0.0007	J	0.0007
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0016	0.0009	J	0.0009
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0007	0.0007	UJ	0.0007
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0011	0.0011	UJ	0.0011
	PCB-139/149		0.0057	0.0008	J	0.0008
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0011	0.0011	UJ	0.0011
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0015	0.0015	UJ	0.0015
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0026	0.0015	J	0.0015
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0011	0.0011	NJ	0.0011
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0011	0.0011	UJ	0.0011
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0034	0.0009	NJ	0.0009
	PCB-132/161		0.0047	0.001	NJ	0.001
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0046	0.001	J	0.001
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0029	0.0011	J	0.0011
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0022	0.0012	J	0.0012
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0024	0.0013	NJ	0.0013
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0013	0.0013	UJ	0.0013
	PCB-163/164		0.0018	0.001	J	0.001
	PCB-138/160		0.0081	0.0011	BJ	0.0011
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0011	0.0011	UJ	0.0011
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0009	0.0009	UJ	0.0009
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0113	0.0009	J	0.0009
	PCB-128/162		0.0029	0.0011	NJ	0.0011
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0008	0.0008	UJ	0.0008
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0011	0.0011	NJ	0.0011
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0024	0.0005	J	0.0005
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0006	0.0006	UJ	0.0006
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0007	0.0006	NJ	0.0006
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0013	0.0008	J	0.0008
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0012	0.0008	J	0.0008
	PCB-182/187		0.001	0.0007	J	0.0007
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0007	0.0007	UJ	0.0007
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0008	0.0008	UJ	0.0008

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245D	HRMS File:	FS10231406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0029	0.0008	J	0.0008
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0016	0.0008	NJ	0.0008
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0008	0.0008	UJ	0.0008
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0035	0.0009	NJ	0.0009
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0016	0.0005	NJ	0.0005
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0021	0.0008	NJ	0.0008
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0009	0.0005	NJ	0.0005
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0017	0.0007	J	0.0007
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0007	0.0007	UJ	0.0007
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0033	0.0006	NJ	0.0006

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0149	0.0046	J
Dichlorobiphenyls	12	0.102	0.0015	B
Trichlorobiphenyls	24	0.0302	0.0006	BJ
Tetrachlorobiphenyls	42	0.0315	0.0008	BJ
Pentachlorobiphenyls	46	0.0468	0.0007	
Hexachlorobiphenyls	42	0.0443	0.0005	
Heptachlorobiphenyls	24	0.0088	0.0005	BJ
Octachlorobiphenyls	12	0.002	0.0005	BJ
Nonachlorobiphenyls	3	0.0008	0.0008	UJ
Decachlorobiphenyl	1	0.0006	0.0006	UJ
Total PCB		0.28	0.0005	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (004-082514-1035)	Date Extracted:	10/10/2014
Field ID:	#14-13436 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142245D	HRMS File:	FS10231406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	11	5	145
$^{13}C_{12}$-4-MoCB	3L	10	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	34	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	45	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	37	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	90	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	59	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	76	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	74	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	57	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	78	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	77	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	75	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	79	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	83	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	54	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	67	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	70	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	71	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	73	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	46	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	95	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	40	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	74	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	58	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	59	10	145
$^{13}C_{12}$-DeCB	209L	53	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	120	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	102	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	75	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (001-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13445 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142254	HRMS File:	FS102214A14

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0284	0.0284	UJ	0.0284
3-MoCB	PCB-002	2051-61-8	0.0361	0.0361	UJ	0.0361
4-MoCB	PCB-003	2051-62-9	0.0395	0.0395	UJ	0.0395
2,6-DiCB	PCB-010	33146-45-1	0.0068	0.0068	UJ	0.0068
2,2'-DiCB	PCB-004	13029-08-8	0.0155	0.01	NJ	0.01
2,5-DiCB	PCB-009	34883-39-1	0.0071	0.0071	UJ	0.0071
2,4-DiCB	PCB-007	33284-50-3	0.0091	0.0058	NJ	0.0058
2,3'-DiCB	PCB-006	25569-80-6	0.0114	0.0068	J	0.0068
2,3/2,4'-DiCB	PCB-005/008		0.0156	0.0156	UJ	0.0156
3,5-DiCB	PCB-014	34883-41-5	0.0245	0.0187	NJ	0.0187
3,3'-DiCB	PCB-011	2050-67-1	0.0534	0.0189	B	0.0189
3,4/3,4'-DiCB	PCB-012/013		0.018	0.018	UJ	0.018
4,4'-DiCB	PCB-015	2050-68-2	0.0285	0.0259	J	0.0259
2,2',6-TrCB	PCB-019	38444-73-4	0.0047	0.0047	UJ	0.0047
2,4,6-TrCB	PCB-030	35693-92-6	0.0025	0.0025	UJ	0.0025
2,2',5-TrCB	PCB-018	37680-65-2	0.0122	0.003	J	0.003
2,2',4-TrCB	PCB-017	37680-66-3	0.0035	0.0035	UJ	0.0035
2,3,6-TrCB	PCB-024	55702-45-9	0.0029	0.0029	UJ	0.0029
2,3',6-TrCB	PCB-027	38444-76-7	0.0018	0.0018	UJ	0.0018
2,4',6-TrCB	PCB-032	38444-77-8	0.0026	0.0026	UJ	0.0026
2,2',3-TrCB	PCB-016	38444-78-9	0.0059	0.0042	NJ	0.0042
2,3,5-TrCB	PCB-023	55720-44-0	0.0031	0.0031	UJ	0.0031
2,3',5'-TrCB	PCB-034	37680-68-5	0.0034	0.0034	UJ	0.0034
2,4,5-TrCB	PCB-029	15862-07-4	0.0024	0.0024	UJ	0.0024
2,3',5-TrCB	PCB-026	38444-81-4	0.0027	0.0027	UJ	0.0027
2,3',4-TrCB	PCB-025	55712-37-3	0.003	0.003	UJ	0.003
2,4',5-TrCB	PCB-031	16606-02-3	0.0153	0.0023	J	0.0023
2,4,4'-TrCB	PCB-028	7012-37-5	0.0107	0.0031	BJ	0.0031
2,3,4-TrCB	PCB-021	55702-46-0	0.0042	0.0042	UJ	0.0042
	PCB-020/033		0.0049	0.0034	NJ	0.0034
2,3,4'-TrCB	PCB-022	38444-85-8	0.0041	0.0041	UJ	0.0041
3,3',5-TrCB	PCB-036	38444-87-0	0.0035	0.0035	UJ	0.0035
3,4',5-TrCB	PCB-039	38444-88-1	0.0036	0.0036	UJ	0.0036
3,4,5-TrCB	PCB-038	53555-66-1	0.0042	0.0042	UJ	0.0042
3,3',4-TrCB	PCB-035	37680-69-6	0.0042	0.0042	UJ	0.0042
3,4,4'-TrCB	PCB-037	38444-90-5	0.0052	0.0052	UJ	0.0052
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0022	0.0022	UJ	0.0022
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0026	0.0026	UJ	0.0026
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0027	0.0027	UJ	0.0027
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0027	0.0027	UJ	0.0027
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0046	0.0028	J	0.0028
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0035	0.0035	UJ	0.0035
	PCB-052/069		0.0088	0.0025	BJ	0.0025
2,3',5',6-TeCB	PCB-073	74338-23-1	0.002	0.002	UJ	0.002
	PCB-043/049		0.0055	0.0029	J	0.0029
	PCB-065/075		0.0019	0.0019	UJ	0.0019
	PCB-047/048		0.0072	0.0028	J	0.0028
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0024	0.0024	UJ	0.0024
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0062	0.0035	BJ	0.0035
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0023	0.0023	UJ	0.0023
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0031	0.0031	UJ	0.0031

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (001-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13445 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142254	HRMS File:	FS102214A14

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0023	0.0022	NJ	0.0022
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0018	0.0018	UJ	0.0018
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0031	0.0031	UJ	0.0031
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.002	0.002	UJ	0.002
	PCB-040/057		0.0027	0.0027	UJ	0.0027
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0026	0.0024	NJ	0.0024
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0023	0.0023	UJ	0.0023
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.002	0.002	UJ	0.002
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0026	0.0026	UJ	0.0026
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0022	0.0022	UJ	0.0022
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0028	0.0028	UJ	0.0028
	PCB-055/080		0.0023	0.0023	UJ	0.0023
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0019	0.0019	UJ	0.0019
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0023	0.0023	UJ	0.0023
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0027	0.0027	UJ	0.0027
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0025	0.0025	UJ	0.0025
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0025	0.0025	UJ	0.0025
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0025	0.0025	UJ	0.0025
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0033	0.0028	NJ	0.0028
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.262	0.0029		0.0029
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0017	0.0017	UJ	0.0017
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0009	0.0009	UJ	0.0009
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.001	0.001	UJ	0.001
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0011	0.0011	UJ	0.0011
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0013	0.0013	UJ	0.0013
	PCB-093/098/102		0.0013	0.0013	UJ	0.0013
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0039	0.001	J	0.001
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0012	0.0012	UJ	0.0012
	PCB-091/121		0.001	0.001	UJ	0.001
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0012	0.0012	UJ	0.0012
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0014	0.0014	UJ	0.0014
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0012	0.0012	UJ	0.0012
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0014	0.0014	UJ	0.0014
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0052	0.0012	J	0.0012
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.001	0.001	UJ	0.001
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0011	0.0011	UJ	0.0011
	PCB-112/119		0.0009	0.0009	UJ	0.0009
	PCB-083/109		0.0012	0.0012	UJ	0.0012
	PCB-086/117		0.0011	0.0011	UJ	0.0011
	PCB-097/116		0.0012	0.0012	UJ	0.0012
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.001	0.001	UJ	0.001
	PCB-087/115		0.0012	0.0012	UJ	0.0012
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.001	0.001	UJ	0.001
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0012	0.0012	UJ	0.0012
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0009	0.0009	UJ	0.0009
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.001	0.001	UJ	0.001
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0015	0.0015	UJ	0.0015
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0015	0.0015	UJ	0.0015
	PCB-107/108		0.0015	0.0015	UJ	0.0015
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0012	0.0012	UJ	0.0012
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0014	0.0014	UJ	0.0014

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (001-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13445 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142254	HRMS File:	FS102214A14

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0047	0.0012	J	0.0012
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0012	0.0012	UJ	0.0012
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0014	0.0014	UJ	0.0014
	PCB-105/127		0.003	0.0013	NJ	0.0013
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0019	0.0019	UJ	0.0019
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0014	0.0014	UJ	0.0014
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0009	0.0009	UJ	0.0009
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0008	0.0008	UJ	0.0008
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0009	0.0009	UJ	0.0009
	PCB-136/148		0.0015	0.001	BJ	0.001
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.001	0.001	UJ	0.001
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0014	0.0014	UJ	0.0014
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0011	0.0011	UJ	0.0011
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0016	0.0016	UJ	0.0016
	PCB-139/149		0.0056	0.0012	NJ	0.0012
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0017	0.0017	UJ	0.0017
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0018	0.0018	UJ	0.0018
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0023	0.0023	UJ	0.0023
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0019	0.0019	UJ	0.0019
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0023	0.0023	UJ	0.0023
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0017	0.0017	UJ	0.0017
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0017	0.0017	UJ	0.0017
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0067	0.0014	J	0.0014
	PCB-132/161		0.0016	0.0016	UJ	0.0016
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0215	0.0015	J	0.0015
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0065	0.0019	NJ	0.0019
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.002	0.002	UJ	0.002
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0021	0.0021	UJ	0.0021
	PCB-163/164		0.0029	0.0015	NJ	0.0015
	PCB-138/160		0.0041	0.0017	NJ	0.0017
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.004	0.0017	NJ	0.0017
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0014	0.0014	UJ	0.0014
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0013	0.0013	UJ	0.0013
	PCB-128/162		0.0023	0.0017	NJ	0.0017
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0012	0.0012	UJ	0.0012
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0013	0.0013	UJ	0.0013
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0022	0.0022	UJ	0.0022
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0009	0.0009	NJ	0.0009
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.001	0.001	UJ	0.001
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0012	0.0012	UJ	0.0012
	PCB-182/187		0.0051	0.0011	J	0.0011
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0011	0.0011	UJ	0.0011
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0013	0.0013	UJ	0.0013

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (001-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13445 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142254	HRMS File:	FS102214A14

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.005	0.0013	J	0.0013
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0015	0.0012	NJ	0.0012
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0013	0.0013	UJ	0.0013
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0018	0.0015	NJ	0.0015
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0021	0.0009	NJ	0.0009
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.001	0.001	UJ	0.001
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0018	0.001	NJ	0.001
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.001	0.001	UJ	0.001
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.001	0.001	UJ	0.001
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.003	0.0013	NJ	0.0013
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0132	0.0015	J	0.0015
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0045	0.0019	NJ	0.0019
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.267	0.0023		0.0023

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0284	0.0284	UJ
Dichlorobiphenyls	12	0.0929	0.0058	B
Trichlorobiphenyls	24	0.038	0.0018	BJ
Tetrachlorobiphenyls	42	0.295	0.0018	
Pentachlorobiphenyls	46	0.014	0.0009	BJ
Hexachlorobiphenyls	42	0.029	0.0008	BJ
Heptachlorobiphenyls	24	0.01	0.0008	BJ
Octachlorobiphenyls	12	0.013	0.0009	BJ
Nonachlorobiphenyls	3	0.0018	0.0018	UJ
Decachlorobiphenyl	1	0.267	0.0023	
Total PCB		0.759	0.0008	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (001-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13445 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142254	HRMS File:	FS102214A14

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	6	5	145
$^{13}C_{12}$-4-MoCB	3L	6	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	7	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	31	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	8	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	44	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	17	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	56	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	51	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	28	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	74	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	74	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	67	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	72	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	65	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	41	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	60	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	59	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	59	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	53	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	44	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	94	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	38	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	66	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	63	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	54	10	145
$^{13}C_{12}$-DeCB	209L	45	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	118	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	99	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	79	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #2	Date Extracted:	10/10/2014
Field ID:	#14-13446 (Paint)	Date Analysed:	10/23/2014 10/26/2014
PRL ID:	PR142255	HRMS File:	FS10231407 FS10251409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0061	0.0061	UJ	0.0061
3-MoCB	PCB-002	2051-61-8	0.0088	0.0088	UJ	0.0088
4-MoCB	PCB-003	2051-62-9	0.012	0.012	UJ	0.012
2,6-DiCB	PCB-010	33146-45-1	0.0039	0.0039	UJ	0.0039
2,2'-DiCB	PCB-004	13029-08-8	0.0049	0.0049	UJ	0.0049
2,5-DiCB	PCB-009	34883-39-1	0.004	0.004	UJ	0.004
2,4-DiCB	PCB-007	33284-50-3	0.0033	0.0033	UJ	0.0033
2,3'-DiCB	PCB-006	25569-80-6	0.0038	0.0038	UJ	0.0038
2,3/2,4'-DiCB	PCB-005/008		0.0112	0.0035	BJ	0.0035
3,5-DiCB	PCB-014	34883-41-5	0.0042	0.0042	UJ	0.0042
3,3'-DiCB	PCB-011	2050-67-1	0.447	0.0043		0.0043
3,4/3,4'-DiCB	PCB-012/013		0.0041	0.0041	UJ	0.0041
4,4'-DiCB	PCB-015	2050-68-2	0.0068	0.0068	UJ	0.0068
2,2',6-TrCB	PCB-019	38444-73-4	0.0022	0.0022	UJ	0.0022
2,4,6-TrCB	PCB-030	35693-92-6	0.0014	0.0014	UJ	0.0014
2,2',5-TrCB	PCB-018	37680-65-2	0.0098	0.0018	J	0.0018
2,2',4-TrCB	PCB-017	37680-66-3	0.002	0.002	UJ	0.002
2,3,6-TrCB	PCB-024	55702-45-9	0.0017	0.0017	UJ	0.0017
2,3',6-TrCB	PCB-027	38444-76-7	0.0011	0.0011	UJ	0.0011
2,4',6-TrCB	PCB-032	38444-77-8	0.0015	0.0015	UJ	0.0015
2,2',3-TrCB	PCB-016	38444-78-9	0.0024	0.0024	UJ	0.0024
2,3,5-TrCB	PCB-023	55720-44-0	0.0019	0.0019	UJ	0.0019
2,3',5'-TrCB	PCB-034	37680-68-5	0.002	0.002	UJ	0.002
2,4,5-TrCB	PCB-029	15862-07-4	0.0014	0.0014	UJ	0.0014
2,3',5-TrCB	PCB-026	38444-81-4	0.0031	0.0016	J	0.0016
2,3',4-TrCB	PCB-025	55712-37-3	0.0018	0.0018	UJ	0.0018
2,4',5-TrCB	PCB-031	16606-02-3	0.0045	0.0014	J	0.0014
2,4,4'-TrCB	PCB-028	7012-37-5	0.0044	0.0018	NJ	0.0018
2,3,4-TrCB	PCB-021	55702-46-0	0.0024	0.0024	UJ	0.0024
	PCB-020/033		0.0091	0.0019	BJ	0.0019
2,3,4'-TrCB	PCB-022	38444-85-8	0.0023	0.0023	UJ	0.0023
3,3',5-TrCB	PCB-036	38444-87-0	0.006	0.002	J	0.002
3,4',5-TrCB	PCB-039	38444-88-1	0.0021	0.0021	UJ	0.0021
3,4,5-TrCB	PCB-038	53555-66-1	0.0024	0.0024	UJ	0.0024
3,3',4-TrCB	PCB-035	37680-69-6	0.338	0.0024		0.0024
3,4,4'-TrCB	PCB-037	38444-90-5	0.0038	0.0038	UJ	0.0038
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0015	0.0015	UJ	0.0015
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0019	0.0019	UJ	0.0019
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.002	0.002	UJ	0.002
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.002	0.002	UJ	0.002
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0021	0.0021	UJ	0.0021
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0026	0.0026	UJ	0.0026
	PCB-052/069		0.0123	0.0018	BJ	0.0018
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0015	0.0015	UJ	0.0015
	PCB-043/049		0.0021	0.0021	UJ	0.0021
	PCB-065/075		0.0014	0.0014	UJ	0.0014
	PCB-047/048		0.0027	0.002	NJ	0.002
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0018	0.0018	UJ	0.0018
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.005	0.0026	BJ	0.0026
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0017	0.0017	UJ	0.0017
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0023	0.0023	UJ	0.0023

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #2	Date Extracted:	10/10/2014
Field ID:	#14-13446 (Paint)	Date Analysed:	10/23/2014 10/26/2014
PRL ID:	PR142255	HRMS File:	FS10231407 FS10251409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0028	0.0017	J	0.0017
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0013	0.0013	UJ	0.0013
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0023	0.0023	UJ	0.0023
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0015	0.0015	UJ	0.0015
	PCB-040/057		0.002	0.002	UJ	0.002
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0018	0.0018	UJ	0.0018
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0017	0.0017	UJ	0.0017
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0015	0.0015	UJ	0.0015
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0019	0.0019	UJ	0.0019
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0016	0.0016	UJ	0.0016
2,3',4',5-TeCB	PCB-070	32598-11-1	0.002	0.002	UJ	0.002
	PCB-055/080		0.0018	0.0017	NJ	0.0017
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0014	0.0014	UJ	0.0014
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0037	0.0017	J	0.0017
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.002	0.002	UJ	0.002
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0018	0.0018	UJ	0.0018
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0018	0.0018	UJ	0.0018
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0022	0.0018	NJ	0.0018
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0022	0.0022	UJ	0.0022
3,3',4,4'-TeCB	PCB-077	32598-13-3	1.57	0.0022		0.0022
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0021	0.0012	NJ	0.0012
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0006	0.0006	UJ	0.0006
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0008	0.0008	UJ	0.0008
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0008	0.0008	UJ	0.0008
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.001	0.001	UJ	0.001
	PCB-093/098/102		0.001	0.001	UJ	0.001
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0043	0.0008	NJ	0.0008
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0009	0.0009	UJ	0.0009
	PCB-091/121		0.0019	0.0007	J	0.0007
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0009	0.0009	UJ	0.0009
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0026	0.001	J	0.001
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0009	0.0009	UJ	0.0009
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.001	0.001	UJ	0.001
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.007	0.0009	J	0.0009
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0007	0.0007	UJ	0.0007
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0027	0.0008	J	0.0008
	PCB-112/119		0.0007	0.0007	UJ	0.0007
	PCB-083/109		0.0009	0.0009	UJ	0.0009
	PCB-086/117		0.0008	0.0008	UJ	0.0008
	PCB-097/116		0.0031	0.0009	J	0.0009
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0007	0.0007	UJ	0.0007
	PCB-087/115		0.0029	0.0009	J	0.0009
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0007	0.0007	UJ	0.0007
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0021	0.0009	J	0.0009
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0007	0.0007	UJ	0.0007
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0018	0.0011	J	0.0011
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0011	0.0011	UJ	0.0011
	PCB-107/108		0.0012	0.0012	UJ	0.0012
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0009	0.0009	UJ	0.0009
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.001	0.001	UJ	0.001

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #2	Date Extracted:	10/10/2014
Field ID:	#14-13446 (Paint)	Date Analysed:	10/23/2014 10/26/2014
PRL ID:	PR142255	HRMS File:	FS10231407 FS10251409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0054	0.0009	J	0.0009
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0009	0.0009	UJ	0.0009
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0032	0.0011	NJ	0.0011
	PCB-105/127		0.0017	0.001	BJ	0.001
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0071	0.0013	J	0.0013
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0011	0.0011	UJ	0.0011
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0006	0.0006	UJ	0.0006
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0006	0.0006	UJ	0.0006
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0007	0.0007	UJ	0.0007
	PCB-136/148		0.0007	0.0007	UJ	0.0007
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0007	0.0007	UJ	0.0007
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0016	0.001	J	0.001
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0008	0.0008	UJ	0.0008
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0012	0.0012	UJ	0.0012
	PCB-139/149		0.0095	0.0009	J	0.0009
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0012	0.0012	UJ	0.0012
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0013	0.0013	UJ	0.0013
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0022	0.0017	BJ	0.0017
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0016	0.0016	UJ	0.0016
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0012	0.0012	UJ	0.0012
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0012	0.0012	UJ	0.0012
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0102	0.001	J	0.001
	PCB-132/161		0.0064	0.0011	J	0.0011
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0141	0.0011	J	0.0011
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0012	0.0012	UJ	0.0012
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0014	0.0014	UJ	0.0014
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0043	0.0014	J	0.0014
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0015	0.0015	UJ	0.0015
	PCB-163/164		0.0033	0.0011	NJ	0.0011
	PCB-138/160		0.0065	0.0012	BJ	0.0012
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.001	0.001	UJ	0.001
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0012	0.0012	UJ	0.0012
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.001	0.001	UJ	0.001
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0009	0.0009	UJ	0.0009
	PCB-128/162		0.0044	0.0012	NJ	0.0012
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0036	0.0009	NJ	0.0009
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0013	0.0013	UJ	0.0013
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0009	0.0006	NJ	0.0006
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0011	0.0006	NJ	0.0006
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0008	0.0008	UJ	0.0008
	PCB-182/187		0.0063	0.0007	J	0.0007
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0008	0.0008	UJ	0.0008
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0009	0.0009	UJ	0.0009

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #2	Date Extracted:	10/10/2014
Field ID:	#14-13446 (Paint)	Date Analysed:	10/23/2014 10/26/2014
PRL ID:	PR142255	HRMS File:	FS10231407 FS10251409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0019	0.0008	J	0.0008
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0008	0.0008	NJ	0.0008
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0012	0.0008	NJ	0.0008
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0009	0.0009	UJ	0.0009
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0009	0.0008	NJ	0.0008
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0032	0.001	BJ	0.001
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0006	0.0005	NJ	0.0005
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.21	0.0005		0.0005

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0061	0.0061	UJ
Dichlorobiphenyls	12	0.458	0.0033	
Trichlorobiphenyls	24	0.371	0.0011	
Tetrachlorobiphenyls	42	1.59	0.0013	
Pentachlorobiphenyls	46	0.039	0.0006	BJ
Hexachlorobiphenyls	42	0.053	0.0006	
Heptachlorobiphenyls	24	0.011	0.0006	BJ
Octachlorobiphenyls	12	0.0005	0.0005	UJ
Nonachlorobiphenyls	3	0.0007	0.0007	UJ
Decachlorobiphenyl	1	0.21	0.0005	
Total PCB		2.74	0.0005	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #2	Date Extracted:	10/10/2014
Field ID:	#14-13446 (Paint)	Date Analysed:	10/23/2014 10/26/2014
PRL ID:	PR142255	HRMS File:	FS10231407 FS10251409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	6	5	145
$^{13}C_{12}$-4-MoCB	3L	7	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	13	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	19	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	15	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	61	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	26	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	66	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	70	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	37	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	81	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	78	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	74	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	77	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	72	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	47	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	69	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	66	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	69	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	71	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	46	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	94	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	41	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	72	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	60	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	60	10	145
$^{13}C_{12}$-DeCB	209L	50	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	120	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	101	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	82	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (003-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13447 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142256	HRMS File:	FS102214A15

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0122	0.0031	NJ	0.0031
3-MoCB	PCB-002	2051-61-8	0.0046	0.0046	UJ	0.0046
4-MoCB	PCB-003	2051-62-9	0.0068	0.0068	UJ	0.0068
2,6-DiCB	PCB-010	33146-45-1	0.0019	0.0019	UJ	0.0019
2,2'-DiCB	PCB-004	13029-08-8	0.0086	0.0028	J	0.0028
2,5-DiCB	PCB-009	34883-39-1	0.002	0.002	UJ	0.002
2,4-DiCB	PCB-007	33284-50-3	0.0016	0.0016	UJ	0.0016
2,3'-DiCB	PCB-006	25569-80-6	0.0019	0.0019	UJ	0.0019
2,3/2,4'-DiCB	PCB-005/008		0.0148	0.0018	BJ	0.0018
3,5-DiCB	PCB-014	34883-41-5	0.0021	0.0021	UJ	0.0021
3,3'-DiCB	PCB-011	2050-67-1	0.0726	0.0021	B	0.0021
3,4/3,4'-DiCB	PCB-012/013		0.002	0.002	UJ	0.002
4,4'-DiCB	PCB-015	2050-68-2	0.0029	0.0029	UJ	0.0029
2,2',6-TrCB	PCB-019	38444-73-4	0.0013	0.0013	UJ	0.0013
2,4,6-TrCB	PCB-030	35693-92-6	0.0008	0.0008	UJ	0.0008
2,2',5-TrCB	PCB-018	37680-65-2	0.0066	0.001	J	0.001
2,2',4-TrCB	PCB-017	37680-66-3	0.0011	0.0011	UJ	0.0011
2,3,6-TrCB	PCB-024	55702-45-9	0.0009	0.0009	UJ	0.0009
2,3',6-TrCB	PCB-027	38444-76-7	0.0006	0.0006	UJ	0.0006
2,4',6-TrCB	PCB-032	38444-77-8	0.0031	0.0008	J	0.0008
2,2',3-TrCB	PCB-016	38444-78-9	0.0048	0.0013	J	0.0013
2,3,5-TrCB	PCB-023	55720-44-0	0.001	0.001	UJ	0.001
2,3',5'-TrCB	PCB-034	37680-68-5	0.0011	0.0011	UJ	0.0011
2,4,5-TrCB	PCB-029	15862-07-4	0.0028	0.0008	J	0.0008
2,3',5-TrCB	PCB-026	38444-81-4	0.0009	0.0009	NJ	0.0009
2,3',4-TrCB	PCB-025	55712-37-3	0.001	0.001	UJ	0.001
2,4',5-TrCB	PCB-031	16606-02-3	0.0054	0.0007	J	0.0007
2,4,4'-TrCB	PCB-028	7012-37-5	0.0061	0.001	BJ	0.001
2,3,4-TrCB	PCB-021	55702-46-0	0.0013	0.0013	UJ	0.0013
	PCB-020/033		0.0058	0.001	BJ	0.001
2,3,4'-TrCB	PCB-022	38444-85-8	0.0036	0.0013	NJ	0.0013
3,3',5-TrCB	PCB-036	38444-87-0	0.0014	0.0011	UJ	0.0011
3,4',5-TrCB	PCB-039	38444-88-1	0.0011	0.0011	UJ	0.0011
3,4,5-TrCB	PCB-038	53555-66-1	0.0019	0.0013	NJ	0.0013
3,3',4-TrCB	PCB-035	37680-69-6	0.0013	0.0013	UJ	0.0013
3,4,4'-TrCB	PCB-037	38444-90-5	0.0018	0.0018	UJ	0.0018
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0009	0.0009	UJ	0.0009
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0013	0.0013	UJ	0.0013
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0033	0.0014	J	0.0014
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0014	0.0014	UJ	0.0014
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0016	0.0015	NJ	0.0015
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0018	0.0018	UJ	0.0018
	PCB-052/069		0.0096	0.0013	BJ	0.0013
2,3',5',6-TeCB	PCB-073	74338-23-1	0.001	0.001	UJ	0.001
	PCB-043/049		0.0059	0.0015	J	0.0015
	PCB-065/075		0.001	0.001	UJ	0.001
	PCB-047/048		0.0063	0.0014	NJ	0.0014
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0019	0.0012	NJ	0.0012
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0069	0.0018	BJ	0.0018
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0012	0.0012	UJ	0.0012
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0016	0.0016	UJ	0.0016

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (003-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13447 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142256	HRMS File:	FS102214A15

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0012	0.0012	UJ	0.0012
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0009	0.0009	UJ	0.0009
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0016	0.0016	UJ	0.0016
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0011	0.0011	UJ	0.0011
	PCB-040/057		0.0014	0.0014	UJ	0.0014
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0013	0.0013	UJ	0.0013
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0012	0.0012	UJ	0.0012
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.001	0.001	UJ	0.001
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0013	0.0013	UJ	0.0013
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0026	0.0011	NJ	0.0011
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0108	0.0014	J	0.0014
	PCB-055/080		0.0012	0.0012	UJ	0.0012
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.001	0.001	UJ	0.001
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0016	0.0012	NJ	0.0012
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0014	0.0014	UJ	0.0014
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0013	0.0013	UJ	0.0013
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0013	0.0013	UJ	0.0013
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0013	0.0013	UJ	0.0013
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0019	0.0019	UJ	0.0019
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.002	0.002	UJ	0.002
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0007	0.0007	UJ	0.0007
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0005	0.0005	UJ	0.0005
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0006	0.0006	UJ	0.0006
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0007	0.0007	UJ	0.0007
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0008	0.0008	UJ	0.0008
	PCB-093/098/102		0.0008	0.0008	UJ	0.0008
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0071	0.0007	J	0.0007
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0008	0.0008	UJ	0.0008
	PCB-091/121		0.0006	0.0006	UJ	0.0006
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0008	0.0008	UJ	0.0008
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0014	0.0009	NJ	0.0009
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0008	0.0008	UJ	0.0008
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0009	0.0009	UJ	0.0009
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0041	0.0007	J	0.0007
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0006	0.0006	UJ	0.0006
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0007	0.0007	NJ	0.0007
	PCB-112/119		0.0006	0.0006	UJ	0.0006
	PCB-083/109		0.0007	0.0007	UJ	0.0007
	PCB-086/117		0.0007	0.0007	UJ	0.0007
	PCB-097/116		0.0008	0.0008	UJ	0.0008
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0006	0.0006	UJ	0.0006
	PCB-087/115		0.0019	0.0007	J	0.0007
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0006	0.0006	UJ	0.0006
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0008	0.0008	UJ	0.0008
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0006	0.0006	UJ	0.0006
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.001	0.001	UJ	0.001
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0011	0.0011	UJ	0.0011
	PCB-107/108		0.0013	0.001	NJ	0.001
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0009	0.0009	UJ	0.0009
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0009	0.0009	UJ	0.0009

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (003-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13447 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142256	HRMS File:	FS102214A15

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0047	0.0008	J	0.0008
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0009	0.0009	UJ	0.0009
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0009	0.0009	UJ	0.0009
	PCB-105/127		0.0009	0.0009	UJ	0.0009
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0014	0.0014	UJ	0.0014
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0009	0.0009	UJ	0.0009
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0007	0.0007	UJ	0.0007
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0006	0.0006	UJ	0.0006
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0007	0.0007	UJ	0.0007
	PCB-136/148		0.0016	0.0007	BJ	0.0007
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0008	0.0008	UJ	0.0008
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.001	0.001	UJ	0.001
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0008	0.0008	UJ	0.0008
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0012	0.0012	UJ	0.0012
	PCB-139/149		0.0027	0.0009	J	0.0009
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0013	0.0013	NJ	0.0013
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0014	0.0014	UJ	0.0014
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0018	0.0018	UJ	0.0018
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0023	0.0014	NJ	0.0014
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0017	0.0017	UJ	0.0017
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0023	0.0013	NJ	0.0013
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0013	0.0013	UJ	0.0013
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0011	0.0011	UJ	0.0011
	PCB-132/161		0.0042	0.0012	J	0.0012
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0061	0.0012	J	0.0012
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0013	0.0013	UJ	0.0013
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0031	0.0014	J	0.0014
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0016	0.0016	UJ	0.0016
	PCB-163/164		0.0012	0.0012	UJ	0.0012
	PCB-138/160		0.0058	0.0013	BJ	0.0013
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.001	0.001	UJ	0.001
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0013	0.0013	UJ	0.0013
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.001	0.001	UJ	0.001
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.001	0.001	UJ	0.001
	PCB-128/162		0.0013	0.0013	UJ	0.0013
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.001	0.001	UJ	0.001
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.001	0.001	UJ	0.001
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.001	0.001	UJ	0.001
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0018	0.0018	UJ	0.0018
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0008	0.0007	NJ	0.0007
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0007	0.0007	UJ	0.0007
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.001	0.001	UJ	0.001
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0009	0.0009	UJ	0.0009
	PCB-182/187		0.0032	0.0008	J	0.0008
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.001	0.001	UJ	0.001

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (003-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13447 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142256	HRMS File:	FS102214A15

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.001	0.001	UJ	0.001
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.001	0.001	UJ	0.001
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0016	0.0009	NJ	0.0009
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.001	0.001	UJ	0.001
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.001	0.001	UJ	0.001
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0033	0.0012	BJ	0.0012
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0007	0.0007	UJ	0.0007
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.001	0.001	UJ	0.001
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0013	0.0007	NJ	0.0007
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0016	0.0009	NJ	0.0009
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0007	0.0007	NJ	0.0007
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.001	0.001	UJ	0.001
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.001	0.001	UJ	0.001
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0037	0.001	BJ	0.001
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.253	0.0016		0.0016

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0031	0.0031	UJ
Dichlorobiphenyls	12	0.097	0.0016	B
Trichlorobiphenyls	24	0.035	0.0006	BJ
Tetrachlorobiphenyls	42	0.037	0.0009	BJ
Pentachlorobiphenyls	46	0.018	0.0005	BJ
Hexachlorobiphenyls	42	0.024	0.0006	BJ
Heptachlorobiphenyls	24	0.006	0.0006	BJ
Octachlorobiphenyls	12	0.004	0.0007	BJ
Nonachlorobiphenyls	3	0.0013	0.0013	UJ
Decachlorobiphenyl	1	0.253	0.0016	
Total PCB		0.474	0.0005	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (003-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13447 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142256	HRMS File:	FS102214A15

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	9	5	145
$^{13}C_{12}$-4-MoCB	3L	7	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	19	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	36	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	22	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	79	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	40	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	69	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	67	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	57	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	90	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	89	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	84	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	87	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	87	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	55	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	68	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	68	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	59	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	52	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	101	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	43	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	75	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	72	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	59	10	145
$^{13}C_{12}$-DeCB	209L	48	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	122	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	100	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	77	10	145

DATA REPORT

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Field ID:	#14-13448 (Paint)	Date Analysed:	10/24/2014
PRL ID:	PR142257	HRMS File:	FS10231409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0052	0.0026	J	0.0026
3-MoCB	PCB-002	2051-61-8	0.0071	0.004	NJ	0.004
4-MoCB	PCB-003	2051-62-9	0.006	0.006	UJ	0.006
2,6-DiCB	PCB-010	33146-45-1	0.0018	0.0018	UJ	0.0018
2,2'-DiCB	PCB-004	13029-08-8	0.0025	0.0025	UJ	0.0025
2,5-DiCB	PCB-009	34883-39-1	0.0018	0.0018	UJ	0.0018
2,4-DiCB	PCB-007	33284-50-3	0.0015	0.0015	UJ	0.0015
2,3'-DiCB	PCB-006	25569-80-6	0.0018	0.0018	UJ	0.0018
2,3/2,4'-DiCB	PCB-005/008		0.0049	0.0016	BJ	0.0016
3,5-DiCB	PCB-014	34883-41-5	0.002	0.002	UJ	0.002
3,3'-DiCB	PCB-011	2050-67-1	0.0917	0.002		0.002
3,4/3,4'-DiCB	PCB-012/013		0.0019	0.0019	UJ	0.0019
4,4'-DiCB	PCB-015	2050-68-2	0.0028	0.0028	UJ	0.0028
2,2',6-TrCB	PCB-019	38444-73-4	0.002	0.0016	J	0.0016
2,4,6-TrCB	PCB-030	35693-92-6	0.0009	0.0009	UJ	0.0009
2,2',5-TrCB	PCB-018	37680-65-2	0.0057	0.0011	J	0.0011
2,2',4-TrCB	PCB-017	37680-66-3	0.0014	0.0012	NJ	0.0012
2,3,6-TrCB	PCB-024	55702-45-9	0.001	0.001	UJ	0.001
2,3',6-TrCB	PCB-027	38444-76-7	0.0007	0.0007	UJ	0.0007
2,4',6-TrCB	PCB-032	38444-77-8	0.0025	0.0009	NJ	0.0009
2,2',3-TrCB	PCB-016	38444-78-9	0.0023	0.0014	J	0.0014
2,3,5-TrCB	PCB-023	55720-44-0	0.0011	0.0011	UJ	0.0011
2,3',5'-TrCB	PCB-034	37680-68-5	0.0015	0.0012	NJ	0.0012
2,4,5-TrCB	PCB-029	15862-07-4	0.0008	0.0008	UJ	0.0008
2,3',5-TrCB	PCB-026	38444-81-4	0.001	0.001	UJ	0.001
2,3',4-TrCB	PCB-025	55712-37-3	0.0011	0.0011	UJ	0.0011
2,4',5-TrCB	PCB-031	16606-02-3	0.0037	0.0008	NJ	0.0008
2,4,4'-TrCB	PCB-028	7012-37-5	0.0093	0.0011	BJ	0.0011
2,3,4-TrCB	PCB-021	55702-46-0	0.0014	0.0014	UJ	0.0014
	PCB-020/033		0.0033	0.0011	BJ	0.0011
2,3,4'-TrCB	PCB-022	38444-85-8	0.0014	0.0014	UJ	0.0014
3,3',5-TrCB	PCB-036	38444-87-0	0.0032	0.0012	J	0.0012
3,4',5-TrCB	PCB-039	38444-88-1	0.0012	0.0012	UJ	0.0012
3,4,5-TrCB	PCB-038	53555-66-1	0.0014	0.0014	UJ	0.0014
3,3',4-TrCB	PCB-035	37680-69-6	0.0014	0.0014	UJ	0.0014
3,4,4'-TrCB	PCB-037	38444-90-5	0.0017	0.0017	UJ	0.0017
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.001	0.001	UJ	0.001
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0013	0.0013	UJ	0.0013
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0018	0.0013	J	0.0013
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0021	0.0013	J	0.0013
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0014	0.0014	UJ	0.0014
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0017	0.0017	UJ	0.0017
	PCB-052/069		0.0114	0.0012	BJ	0.0012
2,3',5',6-TeCB	PCB-073	74338-23-1	0.001	0.001	UJ	0.001
	PCB-043/049		0.0048	0.0014	J	0.0014
	PCB-065/075		0.0009	0.0009	UJ	0.0009
	PCB-047/048		0.0027	0.0014	NJ	0.0014
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0012	0.0012	UJ	0.0012
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0066	0.0017	BJ	0.0017
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0011	0.0011	UJ	0.0011
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0042	0.0015	NJ	0.0015

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IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0034	0.0011	J	0.0011
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0009	0.0009	UJ	0.0009
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0015	0.0015	UJ	0.0015
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0015	0.001	J	0.001
	PCB-040/057		0.0013	0.0013	UJ	0.0013
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0012	0.0012	UJ	0.0012
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0011	0.0011	UJ	0.0011
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.001	0.001	UJ	0.001
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0013	0.0013	UJ	0.0013
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0011	0.0011	UJ	0.0011
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0035	0.0014	J	0.0014
	PCB-055/080		0.0011	0.0011	UJ	0.0011
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0009	0.0009	UJ	0.0009
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0011	0.0011	UJ	0.0011
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0013	0.0013	UJ	0.0013
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0023	0.0012	NJ	0.0012
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0012	0.0012	UJ	0.0012
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0012	0.0012	UJ	0.0012
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0015	0.0015	UJ	0.0015
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0015	0.0015	UJ	0.0015
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0007	0.0007	UJ	0.0007
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0004	0.0004	UJ	0.0004
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0005	0.0005	UJ	0.0005
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0006	0.0006	UJ	0.0006
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0008	0.0007	NJ	0.0007
	PCB-093/098/102		0.0007	0.0007	UJ	0.0007
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.006	0.0005	J	0.0005
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0006	0.0006	UJ	0.0006
	PCB-091/121		0.0005	0.0005	UJ	0.0005
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0015	0.0006	J	0.0006
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0026	0.0007	J	0.0007
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0006	0.0006	UJ	0.0006
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0007	0.0007	UJ	0.0007
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0065	0.0006	J	0.0006
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0005	0.0005	UJ	0.0005
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0006	0.0006	UJ	0.0006
	PCB-112/119		0.0005	0.0005	UJ	0.0005
	PCB-083/109		0.0013	0.0006	J	0.0006
	PCB-086/117		0.0006	0.0006	UJ	0.0006
	PCB-097/116		0.0006	0.0006	UJ	0.0006
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0005	0.0005	UJ	0.0005
	PCB-087/115		0.0033	0.0006	J	0.0006
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0005	0.0005	UJ	0.0005
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0007	0.0007	UJ	0.0007
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0005	0.0005	NJ	0.0005
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0008	0.0008	UJ	0.0008
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0017	0.0008	J	0.0008
	PCB-107/108		0.0008	0.0008	UJ	0.0008
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0007	0.0007	UJ	0.0007
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0007	0.0007	UJ	0.0007

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PRL ID:	PR142257	HRMS File:	FS10231409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0061	0.0006	J	0.0006
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0007	0.0007	UJ	0.0007
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0008	0.0008	UJ	0.0008
	PCB-105/127		0.0023	0.0007	BJ	0.0007
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0012	0.001	NJ	0.001
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0008	0.0008	UJ	0.0008
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0005	0.0005	UJ	0.0005
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0005	0.0005	UJ	0.0005
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0005	0.0005	UJ	0.0005
	PCB-136/148		0.001	0.0005	NJ	0.0005
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0006	0.0006	UJ	0.0006
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0008	0.0008	UJ	0.0008
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0006	0.0006	NJ	0.0006
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0009	0.0009	UJ	0.0009
	PCB-139/149		0.0038	0.0007	J	0.0007
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.001	0.001	UJ	0.001
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0013	0.0013	UJ	0.0013
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.001	0.001	NJ	0.001
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0032	0.0012	NJ	0.0012
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.001	0.001	UJ	0.001
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0009	0.0009	UJ	0.0009
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0012	0.0008	NJ	0.0008
	PCB-132/161		0.002	0.0009	NJ	0.0009
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0078	0.0008	J	0.0008
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0012	0.0011	NJ	0.0011
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0022	0.0011	NJ	0.0011
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0011	0.0011	UJ	0.0011
	PCB-163/164		0.0009	0.0009	UJ	0.0009
	PCB-138/160		0.0085	0.0009	BJ	0.0009
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0009	0.0009	UJ	0.0009
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0008	0.0008	UJ	0.0008
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0044	0.0007	NJ	0.0007
	PCB-128/162		0.0017	0.0009	NJ	0.0009
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.002	0.0007	NJ	0.0007
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0007	0.0007	UJ	0.0007
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.001	0.001	UJ	0.001
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0006	0.0005	NJ	0.0005
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0007	0.0006	J	0.0006
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0007	0.0007	UJ	0.0007
	PCB-182/187		0.0006	0.0006	UJ	0.0006
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0006	0.0006	UJ	0.0006
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0007	0.0007	UJ	0.0007

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IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0007	0.0007	NJ	0.0007
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0007	0.0007	UJ	0.0007
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0006	0.0006	UJ	0.0006
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0032	0.0008	BJ	0.0008
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0021	0.0007	NJ	0.0007
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0006	0.0004	NJ	0.0004
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0008	0.0004	NJ	0.0004
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0021	0.0006	J	0.0006
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0006	0.0006	UJ	0.0006
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0045	0.0007	NJ	0.0007
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.004	0.0006	NJ	0.0006
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0019	0.0007	NJ	0.0007
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.225	0.0005		0.0005

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.005	0.0026	J
Dichlorobiphenyls	12	0.097	0.0015	B
Trichlorobiphenyls	24	0.025	0.0007	BJ
Tetrachlorobiphenyls	42	0.034	0.0009	BJ
Pentachlorobiphenyls	46	0.032	0.0004	BJ
Hexachlorobiphenyls	42	0.021	0.0005	BJ
Heptachlorobiphenyls	24	0.004	0.0005	BJ
Octachlorobiphenyls	12	0.002	0.0004	BJ
Nonachlorobiphenyls	3	0.0006	0.0006	UJ
Decachlorobiphenyl	1	0.225	0.0005	
Total PCB		0.445	0.0004	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #3	Date Extracted:	10/10/2014
Field ID:	#14-13448 (Paint)	Date Analysed:	10/24/2014
PRL ID:	PR142257	HRMS File:	FS10231409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	11	5	145
$^{13}C_{12}$-4-MoCB	3L	8	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	20	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	34	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	18	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	87	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	36	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	85	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	85	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	55	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	98	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	95	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	90	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	93	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	88	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	60	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	78	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	73	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	78	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	82	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	57	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	113	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	49	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	85	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	76	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	72	10	145
$^{13}C_{12}$-DeCB	209L	60	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	125	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	106	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	77	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (105-091514-0900)	Date Extracted:	10/10/2014
Field ID:	#14-13449 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142258	HRMS File:	FS10231408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0131	0.0058	NJ	0.0058
3-MoCB	PCB-002	2051-61-8	0.0072	0.0072	UJ	0.0072
4-MoCB	PCB-003	2051-62-9	0.016	0.0077	NJ	0.0077
2,6-DiCB	PCB-010	33146-45-1	0.0032	0.0032	UJ	0.0032
2,2'-DiCB	PCB-004	13029-08-8	0.0044	0.0044	UJ	0.0044
2,5-DiCB	PCB-009	34883-39-1	0.0033	0.0033	UJ	0.0033
2,4-DiCB	PCB-007	33284-50-3	0.0027	0.0027	UJ	0.0027
2,3'-DiCB	PCB-006	25569-80-6	0.0032	0.0032	UJ	0.0032
2,3/2,4'-DiCB	PCB-005/008		0.0085	0.0029	BJ	0.0029
3,5-DiCB	PCB-014	34883-41-5	0.0035	0.0035	UJ	0.0035
3,3'-DiCB	PCB-011	2050-67-1	0.0036	0.0036	UJ	0.0036
3,4/3,4'-DiCB	PCB-012/013		0.0034	0.0034	UJ	0.0034
4,4'-DiCB	PCB-015	2050-68-2	0.0052	0.0052	UJ	0.0052
2,2',6-TrCB	PCB-019	38444-73-4	0.002	0.002	UJ	0.002
2,4,6-TrCB	PCB-030	35693-92-6	0.0013	0.0013	UJ	0.0013
2,2',5-TrCB	PCB-018	37680-65-2	0.0017	0.0017	UJ	0.0017
2,2',4-TrCB	PCB-017	37680-66-3	0.0031	0.0018	NJ	0.0018
2,3,6-TrCB	PCB-024	55702-45-9	0.0015	0.0015	UJ	0.0015
2,3',6-TrCB	PCB-027	38444-76-7	0.001	0.001	UJ	0.001
2,4',6-TrCB	PCB-032	38444-77-8	0.0041	0.0013	NJ	0.0013
2,2',3-TrCB	PCB-016	38444-78-9	0.0053	0.0022	NJ	0.0022
2,3,5-TrCB	PCB-023	55720-44-0	0.0017	0.0017	UJ	0.0017
2,3',5'-TrCB	PCB-034	37680-68-5	0.0018	0.0018	UJ	0.0018
2,4,5-TrCB	PCB-029	15862-07-4	0.0051	0.0013	NJ	0.0013
2,3',5-TrCB	PCB-026	38444-81-4	0.0015	0.0015	UJ	0.0015
2,3',4-TrCB	PCB-025	55712-37-3	0.0016	0.0016	UJ	0.0016
2,4',5-TrCB	PCB-031	16606-02-3	0.0012	0.0012	UJ	0.0012
2,4,4'-TrCB	PCB-028	7012-37-5	0.0113	0.0016	BJ	0.0016
2,3,4-TrCB	PCB-021	55702-46-0	0.0022	0.0022	UJ	0.0022
	PCB-020/033		0.0068	0.0017	BJ	0.0017
2,3,4'-TrCB	PCB-022	38444-85-8	0.0058	0.0021	J	0.0021
3,3',5-TrCB	PCB-036	38444-87-0	0.0018	0.0018	UJ	0.0018
3,4',5-TrCB	PCB-039	38444-88-1	0.0019	0.0019	UJ	0.0019
3,4,5-TrCB	PCB-038	53555-66-1	0.0021	0.0021	UJ	0.0021
3,3',4-TrCB	PCB-035	37680-69-6	0.0026	0.0022	NJ	0.0022
3,4,4'-TrCB	PCB-037	38444-90-5	0.0033	0.0033	UJ	0.0033
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.001	0.001	UJ	0.001
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0017	0.0017	UJ	0.0017
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0018	0.0018	UJ	0.0018
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0017	0.0017	UJ	0.0017
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0019	0.0019	UJ	0.0019
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0023	0.0023	UJ	0.0023
	PCB-052/069		0.0138	0.0016	BJ	0.0016
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0013	0.0013	UJ	0.0013
	PCB-043/049		0.0019	0.0019	UJ	0.0019
	PCB-065/075		0.0013	0.0013	UJ	0.0013
	PCB-047/048		0.0018	0.0018	UJ	0.0018
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0016	0.0016	UJ	0.0016
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0168	0.0023	BJ	0.0023
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0017	0.0015	NJ	0.0015
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.002	0.002	UJ	0.002

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (105-091514-0900)	Date Extracted:	10/10/2014
Field ID:	#14-13449 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142258	HRMS File:	FS10231408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0015	0.0015	UJ	0.0015
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0012	0.0012	UJ	0.0012
2,2',3,4-TeCB	PCB-041	52663-59-9	0.002	0.002	UJ	0.002
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0013	0.0013	UJ	0.0013
	PCB-040/057		0.0018	0.0018	UJ	0.0018
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0016	0.0016	UJ	0.0016
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0015	0.0015	UJ	0.0015
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0013	0.0013	UJ	0.0013
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0017	0.0017	UJ	0.0017
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0014	0.0014	UJ	0.0014
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0037	0.0018	NJ	0.0018
	PCB-055/080		0.0015	0.0015	UJ	0.0015
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0012	0.0012	UJ	0.0012
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0015	0.0015	UJ	0.0015
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0017	0.0017	UJ	0.0017
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0016	0.0016	UJ	0.0016
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0016	0.0016	UJ	0.0016
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0016	0.0016	UJ	0.0016
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0026	0.0026	UJ	0.0026
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0028	0.0028	UJ	0.0028
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0008	0.0008	UJ	0.0008
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0006	0.0006	UJ	0.0006
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0008	0.0008	UJ	0.0008
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0008	0.0008	UJ	0.0008
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.001	0.001	UJ	0.001
	PCB-093/098/102		0.001	0.001	UJ	0.001
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.005	0.0008	J	0.0008
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0009	0.0009	UJ	0.0009
	PCB-091/121		0.0007	0.0007	UJ	0.0007
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0009	0.0009	UJ	0.0009
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.001	0.001	UJ	0.001
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0009	0.0009	UJ	0.0009
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.001	0.001	UJ	0.001
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0038	0.0009	J	0.0009
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0007	0.0007	UJ	0.0007
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0009	0.0008	J	0.0008
	PCB-112/119		0.0009	0.0007	J	0.0007
	PCB-083/109		0.0009	0.0009	UJ	0.0009
	PCB-086/117		0.0008	0.0008	UJ	0.0008
	PCB-097/116		0.0009	0.0009	UJ	0.0009
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0007	0.0007	UJ	0.0007
	PCB-087/115		0.0009	0.0009	UJ	0.0009
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0007	0.0007	UJ	0.0007
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.001	0.0009	NJ	0.0009
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0007	0.0007	UJ	0.0007
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0011	0.0011	UJ	0.0011
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0011	0.0011	UJ	0.0011
	PCB-107/108		0.0012	0.0012	UJ	0.0012
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0013	0.001	NJ	0.001
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.001	0.001	UJ	0.001

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (105-091514-0900)	Date Extracted:	10/10/2014
Field ID:	#14-13449 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142258	HRMS File:	FS10231408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.001	0.001	NJ	0.001
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.001	0.001	UJ	0.001
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0011	0.0011	UJ	0.0011
	PCB-105/127		0.0011	0.0011	UJ	0.0011
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.002	0.002	UJ	0.002
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0007	0.0007	UJ	0.0007
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0006	0.0006	UJ	0.0006
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0005	0.0005	UJ	0.0005
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0006	0.0006	UJ	0.0006
	PCB-136/148		0.0013	0.0006	BJ	0.0006
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0007	0.0007	UJ	0.0007
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0013	0.0008	NJ	0.0008
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0011	0.0009	NJ	0.0009
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0007	0.0007	UJ	0.0007
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0011	0.0011	UJ	0.0011
	PCB-139/149		0.0034	0.0008	J	0.0008
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0011	0.0011	UJ	0.0011
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0015	0.0015	UJ	0.0015
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0015	0.0015	UJ	0.0015
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0011	0.0011	UJ	0.0011
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0011	0.0011	UJ	0.0011
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0009	0.0009	UJ	0.0009
	PCB-132/161		0.001	0.001	UJ	0.001
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.003	0.001	J	0.001
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0011	0.0011	UJ	0.0011
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0012	0.0012	NJ	0.0012
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0013	0.0013	UJ	0.0013
	PCB-163/164		0.001	0.001	UJ	0.001
	PCB-138/160		0.0011	0.0011	UJ	0.0011
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0011	0.0011	UJ	0.0011
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0009	0.0009	UJ	0.0009
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0009	0.0009	UJ	0.0009
	PCB-128/162		0.0011	0.0011	UJ	0.0011
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0011	0.0008	NJ	0.0008
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0009	0.0009	UJ	0.0009
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0015	0.0015	UJ	0.0015
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0006	0.0006	UJ	0.0006
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0008	0.0008	UJ	0.0008
	PCB-182/187		0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0009	0.0008	NJ	0.0008
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0009	0.0009	UJ	0.0009

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (105-091514-0900)	Date Extracted:	10/10/2014
Field ID:	#14-13449 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142258	HRMS File:	FS10231408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0009	0.0009	UJ	0.0009
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0027	0.001	BJ	0.001
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0008	0.0006	NJ	0.0006
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.001	0.0009	NJ	0.0009
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0014	0.0006	NJ	0.0006
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0026	0.0007	NJ	0.0007
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.001	0.0004	NJ	0.0004
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0009	0.0004	J	0.0004
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0006	0.0006	UJ	0.0006
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0046	0.0006	J	0.0006
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0013	0.0008	J	0.0008
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0012	0.0007	NJ	0.0007
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0022	0.0007	J	0.0007
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0011	0.0005	NJ	0.0005

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0058	0.0058	UJ
Dichlorobiphenyls	12	0.009	0.0027	BJ
Trichlorobiphenyls	24	0.024	0.001	BJ
Tetrachlorobiphenyls	42	0.031	0.001	BJ
Pentachlorobiphenyls	46	0.011	0.0006	BJ
Hexachlorobiphenyls	42	0.007	0.0005	BJ
Heptachlorobiphenyls	24	0.003	0.0006	BJ
Octachlorobiphenyls	12	0.006	0.0004	BJ
Nonachlorobiphenyls	3	0.003	0.0007	J
Decachlorobiphenyl	1	0.0005	0.0005	UJ
Total PCB		0.094	0.0004	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (105-091514-0900)	Date Extracted:	10/10/2014
Field ID:	#14-13449 (Paint)	Date Analysed:	10/23/2014
PRL ID:	PR142258	HRMS File:	FS10231408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	6	5	145
$^{13}C_{12}$-4-MoCB	3L	7	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	17	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	26	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	19	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	78	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	35	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	62	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	61	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	55	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	82	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	87	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	77	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	77	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	67	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	59	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	67	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	68	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	68	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	62	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	50	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	90	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	45	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	75	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	59	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	65	10	145
$^{13}C_{12}$-DeCB	209L	54	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	97	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	93	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	74	10	145

Pacific Rim Laboratories Inc. #103, 19575-55A Avenue, Surrey, BC V3S 8P8 CANADA
Tel: + 604.532.8711 Fax: + 604.532.8712 Email: info@pacificrimlabs.com

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Paint	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014
PRL ID:	PC140853B	HRMS File:	FS102214A05

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0052	0.0052	UJ	0.0052
3-MoCB	PCB-002	2051-61-8	0.0074	0.0074	UJ	0.0074
4-MoCB	PCB-003	2051-62-9	0.0098	0.0098	UJ	0.0098
2,6-DiCB	PCB-010	33146-45-1	0.0036	0.0036	UJ	0.0036
2,2'-DiCB	PCB-004	13029-08-8	0.0041	0.0041	UJ	0.0041
2,5-DiCB	PCB-009	34883-39-1	0.0038	0.0038	UJ	0.0038
2,4-DiCB	PCB-007	33284-50-3	0.0031	0.0031	UJ	0.0031
2,3'-DiCB	PCB-006	25569-80-6	0.0036	0.0036	UJ	0.0036
2,3/2,4'-DiCB	PCB-005/008		0.0116	0.0033	J	0.0033
3,5-DiCB	PCB-014	34883-41-5	0.004	0.004	UJ	0.004
3,3'-DiCB	PCB-011	2050-67-1	0.0148	0.0041	J	0.0041
3,4/3,4'-DiCB	PCB-012/013		0.0039	0.0039	UJ	0.0039
4,4'-DiCB	PCB-015	2050-68-2	0.0079	0.0079	UJ	0.0079
2,2',6-TrCB	PCB-019	38444-73-4	0.0021	0.0021	UJ	0.0021
2,4,6-TrCB	PCB-030	35693-92-6	0.0017	0.0017	UJ	0.0017
2,2',5-TrCB	PCB-018	37680-65-2	0.002	0.002	UJ	0.002
2,2',4-TrCB	PCB-017	37680-66-3	0.0024	0.0024	UJ	0.0024
2,3,6-TrCB	PCB-024	55702-45-9	0.002	0.002	UJ	0.002
2,3',6-TrCB	PCB-027	38444-76-7	0.0012	0.0012	UJ	0.0012
2,4',6-TrCB	PCB-032	38444-77-8	0.0018	0.0018	UJ	0.0018
2,2',3-TrCB	PCB-016	38444-78-9	0.0029	0.0029	UJ	0.0029
2,3,5-TrCB	PCB-023	55720-44-0	0.0021	0.0021	UJ	0.0021
2,3',5'-TrCB	PCB-034	37680-68-5	0.0023	0.0023	UJ	0.0023
2,4,5-TrCB	PCB-029	15862-07-4	0.0016	0.0016	UJ	0.0016
2,3',5-TrCB	PCB-026	38444-81-4	0.0017	0.0017	UJ	0.0017
2,3',4-TrCB	PCB-025	55712-37-3	0.002	0.002	UJ	0.002
2,4',5-TrCB	PCB-031	16606-02-3	0.0015	0.0015	UJ	0.0015
2,4,4'-TrCB	PCB-028	7012-37-5	0.0038	0.0021	J	0.0021
2,3,4-TrCB	PCB-021	55702-46-0	0.0029	0.0029	UJ	0.0029
	PCB-020/033		0.0063	0.0023	J	0.0023
2,3,4'-TrCB	PCB-022	38444-85-8	0.0039	0.0028	NJ	0.0028
3,3',5-TrCB	PCB-036	38444-87-0	0.0024	0.0024	UJ	0.0024
3,4',5-TrCB	PCB-039	38444-88-1	0.0025	0.0025	UJ	0.0025
3,4,5-TrCB	PCB-038	53555-66-1	0.0028	0.0028	UJ	0.0028
3,3',4-TrCB	PCB-035	37680-69-6	0.0029	0.0029	UJ	0.0029
3,4,4'-TrCB	PCB-037	38444-90-5	0.0072	0.0072	UJ	0.0072
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0014	0.0014	UJ	0.0014
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0026	0.0026	UJ	0.0026
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0027	0.0027	UJ	0.0027
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0027	0.0027	UJ	0.0027
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0028	0.0028	UJ	0.0028
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0035	0.0035	UJ	0.0035
	PCB-052/069		0.0103	0.0025	J	0.0025
2,3',5',6-TeCB	PCB-073	74338-23-1	0.002	0.002	UJ	0.002
	PCB-043/049		0.0028	0.0028	UJ	0.0028
	PCB-065/075		0.0019	0.0019	UJ	0.0019
	PCB-047/048		0.0028	0.0028	UJ	0.0028
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0024	0.0024	UJ	0.0024
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.008	0.0035	J	0.0035
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0023	0.0023	UJ	0.0023
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0031	0.0031	UJ	0.0031

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Paint	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014
PRL ID:	PC140853B	HRMS File:	FS102214A05

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0022	0.0022	UJ	0.0022
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0018	0.0018	UJ	0.0018
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0031	0.0031	UJ	0.0031
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.002	0.002	UJ	0.002
	PCB-040/057		0.0027	0.0027	UJ	0.0027
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0024	0.0024	UJ	0.0024
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0023	0.0023	UJ	0.0023
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.002	0.002	UJ	0.002
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0026	0.0026	UJ	0.0026
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0022	0.0022	UJ	0.0022
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0027	0.0027	UJ	0.0027
	PCB-055/080		0.0023	0.0023	UJ	0.0023
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0019	0.0019	UJ	0.0019
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0023	0.0023	UJ	0.0023
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0027	0.0027	UJ	0.0027
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0025	0.0025	UJ	0.0025
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0025	0.0025	UJ	0.0025
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0025	0.0025	UJ	0.0025
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0052	0.0052	UJ	0.0052
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0051	0.0051	UJ	0.0051
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0017	0.0017	UJ	0.0017
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0013	0.0013	UJ	0.0013
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0015	0.0015	UJ	0.0015
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0017	0.0017	UJ	0.0017
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.002	0.002	UJ	0.002
	PCB-093/098/102		0.0019	0.0019	UJ	0.0019
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0053	0.0016	NJ	0.0016
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0019	0.0019	UJ	0.0019
	PCB-091/121		0.0015	0.0015	UJ	0.0015
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0019	0.0019	UJ	0.0019
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0042	0.0021	NJ	0.0021
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0018	0.0018	UJ	0.0018
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0021	0.0021	UJ	0.0021
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0018	0.0018	UJ	0.0018
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0015	0.0015	UJ	0.0015
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0017	0.0017	UJ	0.0017
	PCB-112/119		0.0014	0.0014	UJ	0.0014
	PCB-083/109		0.0018	0.0018	UJ	0.0018
	PCB-086/117		0.0017	0.0017	UJ	0.0017
	PCB-097/116		0.0022	0.0019	NJ	0.0019
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0015	0.0015	UJ	0.0015
	PCB-087/115		0.0018	0.0018	UJ	0.0018
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0015	0.0015	UJ	0.0015
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0019	0.0019	UJ	0.0019
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0014	0.0014	UJ	0.0014
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0026	0.0015	J	0.0015
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0023	0.0023	UJ	0.0023
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0019	0.0019	UJ	0.0019
	PCB-107/108		0.0024	0.0024	UJ	0.0024
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.002	0.002	UJ	0.002
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0021	0.0021	UJ	0.0021

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Paint	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014
PRL ID:	PC140853B	HRMS File:	FS102214A05

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.002	0.002	UJ	0.002
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0021	0.0021	UJ	0.0021
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0022	0.0022	UJ	0.0022
	PCB-105/127		0.0046	0.002	J	0.002
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0028	0.0028	UJ	0.0028
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0019	0.0019	UJ	0.0019
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.001	0.001	UJ	0.001
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0009	0.0009	UJ	0.0009
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.001	0.001	UJ	0.001
	PCB-136/148		0.0025	0.0011	J	0.0011
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0011	0.0011	UJ	0.0011
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0013	0.0013	UJ	0.0013
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0015	0.0015	UJ	0.0015
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0012	0.0012	UJ	0.0012
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0018	0.0018	UJ	0.0018
	PCB-139/149		0.0013	0.0013	UJ	0.0013
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0018	0.0018	UJ	0.0018
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.002	0.002	UJ	0.002
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0028	0.0026	J	0.0026
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0025	0.0025	UJ	0.0025
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0019	0.0019	UJ	0.0019
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0019	0.0019	UJ	0.0019
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0015	0.0015	UJ	0.0015
	PCB-132/161		0.0017	0.0017	UJ	0.0017
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0017	0.0017	UJ	0.0017
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0018	0.0018	UJ	0.0018
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0021	0.0021	UJ	0.0021
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0022	0.0022	UJ	0.0022
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0023	0.0023	UJ	0.0023
	PCB-163/164		0.0017	0.0017	UJ	0.0017
	PCB-138/160		0.0033	0.0019	J	0.0019
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0018	0.0018	UJ	0.0018
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0015	0.0015	UJ	0.0015
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0015	0.0015	UJ	0.0015
	PCB-128/162		0.0019	0.0019	UJ	0.0019
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0015	0.0015	UJ	0.0015
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0014	0.0014	UJ	0.0014
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0019	0.0019	NJ	0.0019
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0016	0.0016	UJ	0.0016
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0011	0.0011	UJ	0.0011
	PCB-182/187		0.0013	0.001	NJ	0.001
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.001	0.001	UJ	0.001
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0012	0.0012	UJ	0.0012

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Paint	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014
PRL ID:	PC140853B	HRMS File:	FS102214A05

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0012	0.0012	UJ	0.0012
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.001	0.001	UJ	0.001
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0039	0.0014	J	0.0014
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0015	0.0013	NJ	0.0013
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0026	0.0009	J	0.0009
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.001	0.001	UJ	0.001
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0009	0.0009	UJ	0.0009

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0052	0.0052	UJ
Dichlorobiphenyls	12	0.027	0.0031	J
Trichlorobiphenyls	24	0.01	0.0012	J
Tetrachlorobiphenyls	42	0.018	0.0014	J
Pentachlorobiphenyls	46	0.008	0.0013	J
Hexachlorobiphenyls	42	0.008	0.0009	J
Heptachlorobiphenyls	24	0.004	0.0007	J
Octachlorobiphenyls	12	0.003	0.0007	J
Nonachlorobiphenyls	3	0.001	0.001	UJ
Decachlorobiphenyl	1	0.0009	0.0009	UJ
Total PCB		0.078	0.0007	

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Paint	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014
PRL ID:	PC140853B	HRMS File:	FS102214A05

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
$^{13}C_{12}$-2-MoCB	1L	15	5	145
$^{13}C_{12}$-4-MoCB	3L	6	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	21	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	20	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	19	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	43	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	31	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	37	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	36	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	29	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	50	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	52	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	45	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	53	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	72	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	29	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	51	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	55	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	64	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	63	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	29	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	99	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	31	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	82	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	62	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	69	10	145
$^{13}C_{12}$-DeCB	209L	57	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	104	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	78	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	68	10	145

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QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Paint	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014
PRL ID:	PC140854S	HRMS File:	FS10221403

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2-MoCB	PCB-001	2051-60-7	1	82.0	60	135	Pass	5
4-MoCB	PCB-003	2051-62-9	1	95.7	60	135	Pass	3
2,6-DiCB	PCB-010	33146-45-1	1	58.6				-
2,2'-DiCB	PCB-004	13029-08-8	1	115.9	60	135	Pass	12
	PCB-005/008		1	128.7				-
4,4'-DiCB	PCB-015	2050-68-2	1	107.6	60	135	Pass	17
2,2',6-TrCB	PCB-019	38444-73-4	1	103.6	60	135	Pass	14
2,2',5-TrCB	PCB-018	37680-65-2	1	84.5				-
2,4,4'-TrCB	PCB-028	7012-37-5	1	93.7				-
	PCB-020/033		1	101.9				-
2,3,4'-TrCB	PCB-022	38444-85-8	1	152.3				-
3,4,4'-TrCB	PCB-037	38444-90-5	1	109.6	60	135	Pass	44
2,2',6,6'-TeCB	PCB-054	15968-05-5	1	114.4	60	135	Pass	24
	PCB-052/069		1	90.8				-
	PCB-043/049		1	121.3				-
2,2',3,5'-TeCB	PCB-044	41464-39-5	1	132.3				-
2,2',3,4-TeCB	PCB-041	52663-59-9	1	89.4				-
2,2',3,3'-TeCB	PCB-040	38444-93-8	1	77.0				-
2,4,4',5-TeCB	PCB-074	32690-93-0	1	98.5				-
2,3',4',5-TeCB	PCB-070	32598-11-1	1	142.1				-
2,3',4,4'-TeCB	PCB-066	32598-10-0	1	85.8				-
2,3,4,4'-TeCB	PCB-060	33025-41-1	1	138.6				-
3,4,4',5-TeCB	PCB-081	70362-50-4	1	107.1	60	135	Pass	35
3,3',4,4'-TeCB	PCB-077	32598-13-3	1	97.9	60	135	Pass	35
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	1	104.7	60	135	Pass	28
2,2',3,5',6-PeCB	PCB-095	38379-99-6	1	46.1				-
2,2',3,4',5-PeCB	PCB-090	68194-07-0	1	62.6				-
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	1	70.6				-
2,2',4,4',5-PeCB	PCB-099	38380-01-7	1	64.9				-
2,3',4,4',6-PeCB	PCB-119	56558-17-9	1	63.4				-
	PCB-087/115		1	58.5				-
2,3,3',4',6-PeCB	PCB-110	38380-03-9	1	83.4				-
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	1	96.2	60	135	Pass	46
2,3',4,4',5-PeCB	PCB-118	31508-00-6	1	97.9	60	135	Pass	51
2,3,4,4',5-PeCB	PCB-114	74472-37-0	1	103.7	60	135	Pass	46
2,3,3',4,4'-PeCB	PCB-105	32598-14-4	1	100.7	60	135	Pass	53
3,3',4,4',5-PeCB	PCB-126	57465-28-8	1	79.1	60	135	Pass	69
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	1	107.0	60	135	Pass	26
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	1	39.4				-
	PCB-139/149		1	54.5				-
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	1	82.6				-
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	1	122.0				-
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	1	102.6				-
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	1	112.1				-
2,2',3,4,4',5'-HxCB	PCB-138	35065-28-2	1	101.6				-
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	1	113.2				-
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	1	92.8				-
2,2',3,3',4,4'-HxCB	PCB-128	38380-07-3	1	105.7				-
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	1	113.3	60	135	Pass	51
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	1	109.2	60	135	Pass	57
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	1	116.4	60	135	Pass	65
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	1	121.3	60	135	Pass	63

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QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Paint	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014
PRL ID:	PC140854S	HRMS File:	FS10221403

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	1	114.7	60	135	Pass	28
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	1	75.3				-
	PCB-182/187		1	70.4				-
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	1	76.6				-
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	1	84.2				-
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	1	84.1				-
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	1	96.4				-
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	1	99.2				-
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	1	103.6				-
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	1	105.2				-
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	1	101.1	60	135	Pass	94
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	1	106.1	60	135	Pass	30
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	1	71.1				-
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	1	94.0				-
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	1	102.8				-
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	1	133.9				-
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	1	112.0	60	135	Pass	74
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	1	103.1	60	135	Pass	55
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	1	108.6	60	135	Pass	62
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	1	100.1	60	135	Pass	52

LOF - level of fortification

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (007-082814-1401)	Date Extracted:	10/16/2014
Field ID:	#14-13437 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142246	HRMS File:	FS10281406 FS10291415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0089	0.0089	UJ	0.0089
3-MoCB	PCB-002	2051-61-8	0.0164	0.0164	UJ	0.0164
4-MoCB	PCB-003	2051-62-9	0.052	0.052	U	0.052
2,6-DiCB	PCB-010	33146-45-1	0.0056	0.0056	UJ	0.0056
2,2'-DiCB	PCB-004	13029-08-8	0.0062	0.0062	UJ	0.0062
2,5-DiCB	PCB-009	34883-39-1	0.0058	0.0058	UJ	0.0058
2,4-DiCB	PCB-007	33284-50-3	0.0047	0.0047	UJ	0.0047
2,3'-DiCB	PCB-006	25569-80-6	0.0055	0.0055	UJ	0.0055
2,3/2,4'-DiCB	PCB-005/008		0.0054	0.0054	UJ	0.0054
3,5-DiCB	PCB-014	34883-41-5	0.0065	0.0065	UJ	0.0065
3,3'-DiCB	PCB-011	2050-67-1	0.0066	0.0066	UJ	0.0066
3,4/3,4'-DiCB	PCB-012/013		0.0063	0.0063	UJ	0.0063
4,4'-DiCB	PCB-015	2050-68-2	0.009	0.009	UJ	0.009
2,2',6-TrCB	PCB-019	38444-73-4	0.002	0.002	UJ	0.002
2,4,6-TrCB	PCB-030	35693-92-6	0.0018	0.0018	UJ	0.0018
2,2',5-TrCB	PCB-018	37680-65-2	0.0091	0.0022	NJ	0.0022
2,2',4-TrCB	PCB-017	37680-66-3	0.0025	0.0025	UJ	0.0025
2,3,6-TrCB	PCB-024	55702-45-9	0.0021	0.0021	UJ	0.0021
2,3',6-TrCB	PCB-027	38444-76-7	0.0014	0.0014	UJ	0.0014
2,4',6-TrCB	PCB-032	38444-77-8	0.0018	0.0018	UJ	0.0018
2,2',3-TrCB	PCB-016	38444-78-9	0.003	0.003	UJ	0.003
2,3,5-TrCB	PCB-023	55720-44-0	0.0023	0.0023	UJ	0.0023
2,3',5'-TrCB	PCB-034	37680-68-5	0.0024	0.0024	UJ	0.0024
2,4,5-TrCB	PCB-029	15862-07-4	0.0018	0.0018	UJ	0.0018
2,3',5-TrCB	PCB-026	38444-81-4	0.002	0.002	UJ	0.002
2,3',4-TrCB	PCB-025	55712-37-3	0.0022	0.0022	UJ	0.0022
2,4',5-TrCB	PCB-031	16606-02-3	0.0056	0.0017	J	0.0017
2,4,4'-TrCB	PCB-028	7012-37-5	0.0051	0.0022	BJ	0.0022
2,3,4-TrCB	PCB-021	55702-46-0	0.003	0.003	UJ	0.003
	PCB-020/033		0.0075	0.0024	J	0.0024
2,3,4'-TrCB	PCB-022	38444-85-8	0.0029	0.0029	UJ	0.0029
3,3',5-TrCB	PCB-036	38444-87-0	0.0025	0.0025	UJ	0.0025
3,4',5-TrCB	PCB-039	38444-88-1	0.0026	0.0026	UJ	0.0026
3,4,5-TrCB	PCB-038	53555-66-1	0.003	0.003	UJ	0.003
3,3',4-TrCB	PCB-035	37680-69-6	0.003	0.003	UJ	0.003
3,4,4'-TrCB	PCB-037	38444-90-5	0.0096	0.0096	UJ	0.0096
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0009	0.0009	UJ	0.0009
2,2',4,6-TeCB	PCB-050	62796-65-0	0.002	0.002	UJ	0.002
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0021	0.0021	UJ	0.0021
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0021	0.0021	UJ	0.0021
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0022	0.0022	UJ	0.0022
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0027	0.0027	UJ	0.0027
	PCB-052/069		0.007	0.007	UJ	0.007
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0056	0.0056	UJ	0.0056
	PCB-043/049		0.0081	0.0081	UJ	0.0081
	PCB-065/075		0.0055	0.0055	UJ	0.0055
	PCB-047/048		0.0079	0.0079	UJ	0.0079
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0069	0.0069	UJ	0.0069
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0101	0.0101	UJ	0.0101
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0065	0.0065	UJ	0.0065
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0088	0.0088	UJ	0.0088

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (007-082814-1401)	Date Extracted:	10/16/2014
Field ID:	#14-13437 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142246	HRMS File:	FS10281406 FS10291415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0064	0.0064	UJ	0.0064
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0051	0.0051	UJ	0.0051
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0089	0.0089	UJ	0.0089
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0058	0.0058	UJ	0.0058
	PCB-040/057		0.0078	0.0078	UJ	0.0078
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0069	0.0069	UJ	0.0069
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0065	0.0065	UJ	0.0065
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0057	0.0057	UJ	0.0057
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0074	0.0074	UJ	0.0074
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0062	0.0062	UJ	0.0062
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0078	0.0078	UJ	0.0078
	PCB-055/080		0.0065	0.0065	UJ	0.0065
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0054	0.0054	UJ	0.0054
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0065	0.0065	UJ	0.0065
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0076	0.0076	UJ	0.0076
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0071	0.0071	UJ	0.0071
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.007	0.007	UJ	0.007
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0071	0.0071	UJ	0.0071
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0072	0.0072	UJ	0.0072
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0071	0.0071	UJ	0.0071
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0013	0.0013	UJ	0.0013
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0014	0.0014	UJ	0.0014
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0016	0.0016	UJ	0.0016
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0018	0.0018	UJ	0.0018
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0021	0.0021	UJ	0.0021
	PCB-093/098/102		0.002	0.002	UJ	0.002
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0044	0.0016	J	0.0016
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0019	0.0019	UJ	0.0019
	PCB-091/121		0.0016	0.0016	UJ	0.0016
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0019	0.0019	UJ	0.0019
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0022	0.0022	UJ	0.0022
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0019	0.0019	UJ	0.0019
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0022	0.0022	UJ	0.0022
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0021	0.0019	NJ	0.0019
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0016	0.0016	UJ	0.0016
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0017	0.0017	UJ	0.0017
	PCB-112/119		0.0014	0.0014	UJ	0.0014
	PCB-083/109		0.0018	0.0018	UJ	0.0018
	PCB-086/117		0.0026	0.0018	J	0.0018
	PCB-097/116		0.0019	0.0019	UJ	0.0019
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0015	0.0015	UJ	0.0015
	PCB-087/115		0.0018	0.0018	UJ	0.0018
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0015	0.0015	UJ	0.0015
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.002	0.002	UJ	0.002
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0015	0.0015	UJ	0.0015
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0016	0.0016	UJ	0.0016
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0024	0.0024	UJ	0.0024
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0025	0.0025	UJ	0.0025
	PCB-107/108		0.0024	0.0024	UJ	0.0024
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0022	0.0022	UJ	0.0022
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0022	0.0022	UJ	0.0022

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (007-082814-1401)	Date Extracted:	10/16/2014
Field ID:	#14-13437 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142246	HRMS File:	FS10281406 FS10291415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0023	0.0023	UJ	0.0023
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0024	0.0024	UJ	0.0024
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0023	0.0023	UJ	0.0023
	PCB-105/127		0.0027	0.0027	UJ	0.0027
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0048	0.0048	UJ	0.0048
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0015	0.0015	UJ	0.0015
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0012	0.0012	UJ	0.0012
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0011	0.0011	UJ	0.0011
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0012	0.0012	UJ	0.0012
	PCB-136/148		0.0033	0.0013	J	0.0013
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0014	0.0014	UJ	0.0014
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0016	0.0016	UJ	0.0016
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0018	0.0018	UJ	0.0018
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0014	0.0014	UJ	0.0014
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0022	0.0022	UJ	0.0022
	PCB-139/149		0.0039	0.0016	BJ	0.0016
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0022	0.0022	UJ	0.0022
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0024	0.0024	UJ	0.0024
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0031	0.0031	UJ	0.0031
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0025	0.0025	UJ	0.0025
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.003	0.003	UJ	0.003
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0023	0.0023	UJ	0.0023
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0023	0.0023	UJ	0.0023
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0019	0.0019	UJ	0.0019
	PCB-132/161		0.0043	0.0021	NJ	0.0021
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0185	0.002	BJ	0.002
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0022	0.0022	UJ	0.0022
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0025	0.0025	UJ	0.0025
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0026	0.0026	UJ	0.0026
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0028	0.0028	UJ	0.0028
	PCB-163/164		0.0021	0.0021	UJ	0.0021
	PCB-138/160		0.0037	0.0023	J	0.0023
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0022	0.0022	UJ	0.0022
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0018	0.0018	UJ	0.0018
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0018	0.0018	UJ	0.0018
	PCB-128/162		0.0024	0.0023	NJ	0.0023
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0018	0.0018	UJ	0.0018
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0018	0.0018	UJ	0.0018
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0018	0.0018	UJ	0.0018
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0031	0.0031	UJ	0.0031
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.001	0.001	UJ	0.001
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.001	0.001	UJ	0.001
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0013	0.0013	UJ	0.0013
	PCB-182/187		0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0012	0.0012	UJ	0.0012
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.002	0.0013	J	0.0013

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (007-082814-1401)	Date Extracted:	10/16/2014
Field ID:	#14-13437 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142246	HRMS File:	FS10281406 FS10291415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0014	0.0014	UJ	0.0014
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0016	0.0013	BJ	0.0013
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0014	0.0014	UJ	0.0014
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0016	0.0016	UJ	0.0016
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.001	0.001	UJ	0.001
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0014	0.0014	UJ	0.0014
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.001	0.001	UJ	0.001
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.001	0.001	UJ	0.001
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0036	0.0011	NJ	0.0011
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0023	0.0008	NJ	0.0008

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0089	0.0089	UJ
Dichlorobiphenyls	12	0.0047	0.0047	UJ
Trichlorobiphenyls	24	0.0182	0.0014	BJ
Tetrachlorobiphenyls	42	0.0009	0.0009	UJ
Pentachlorobiphenyls	46	0.0066	0.0013	BJ
Hexachlorobiphenyls	42	0.0294	0.0011	BJ
Heptachlorobiphenyls	24	0.0036	0.0009	BJ
Octachlorobiphenyls	12	0.0007	0.0007	UJ
Nonachlorobiphenyls	3	0.0013	0.0013	UJ
Decachlorobiphenyl	1	0.0008	0.0008	UJ
Total PCB		0.0578	0.0007	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (007-082814-1401)	Date Extracted:	10/16/2014
Field ID:	#14-13437 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142246	HRMS File:	FS10281406 FS10291415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	10	5	145
$^{13}C_{12}$-4-MoCB	3L	5	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	27	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	63	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	32	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	51	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	49	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	39	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	45	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	54	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	61	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	68	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	62	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	61	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	64	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	47	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	56	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	58	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	60	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	48	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	43	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	74	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	36	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	64	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	47	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	53	10	145
$^{13}C_{12}$-DeCB	209L	44	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	70	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	56	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	47	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247	HRMS File:	FS10281407 FS10291416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0047	0.0047	UJ	0.0047
3-MoCB	PCB-002	2051-61-8	0.0074	0.0074	UJ	0.0074
4-MoCB	PCB-003	2051-62-9	0.0129	0.0129	UJ	0.0129
2,6-DiCB	PCB-010	33146-45-1	0.0039	0.0039	UJ	0.0039
2,2'-DiCB	PCB-004	13029-08-8	0.0039	0.0039	UJ	0.0039
2,5-DiCB	PCB-009	34883-39-1	0.0122	0.0041	NJ	0.0041
2,4-DiCB	PCB-007	33284-50-3	0.0033	0.0033	UJ	0.0033
2,3'-DiCB	PCB-006	25569-80-6	0.0039	0.0039	UJ	0.0039
2,3/2,4'-DiCB	PCB-005/008		0.0049	0.0049	UJ	0.0049
3,5-DiCB	PCB-014	34883-41-5	0.0059	0.0059	UJ	0.0059
3,3'-DiCB	PCB-011	2050-67-1	0.0059	0.0059	UJ	0.0059
3,4/3,4'-DiCB	PCB-012/013		0.0056	0.0056	UJ	0.0056
4,4'-DiCB	PCB-015	2050-68-2	0.0081	0.0081	UJ	0.0081
2,2',6-TrCB	PCB-019	38444-73-4	0.0016	0.0016	UJ	0.0016
2,4,6-TrCB	PCB-030	35693-92-6	0.0015	0.0015	UJ	0.0015
2,2',5-TrCB	PCB-018	37680-65-2	0.0017	0.0017	UJ	0.0017
2,2',4-TrCB	PCB-017	37680-66-3	0.0021	0.0021	UJ	0.0021
2,3,6-TrCB	PCB-024	55702-45-9	0.0017	0.0017	UJ	0.0017
2,3',6-TrCB	PCB-027	38444-76-7	0.001	0.001	UJ	0.001
2,4',6-TrCB	PCB-032	38444-77-8	0.0015	0.0015	UJ	0.0015
2,2',3-TrCB	PCB-016	38444-78-9	0.0025	0.0025	UJ	0.0025
2,3,5-TrCB	PCB-023	55720-44-0	0.0018	0.0018	UJ	0.0018
2,3',5'-TrCB	PCB-034	37680-68-5	0.002	0.002	UJ	0.002
2,4,5-TrCB	PCB-029	15862-07-4	0.0014	0.0013	NJ	0.0013
2,3',5-TrCB	PCB-026	38444-81-4	0.0015	0.0015	UJ	0.0015
2,3',4-TrCB	PCB-025	55712-37-3	0.0017	0.0017	UJ	0.0017
2,4',5-TrCB	PCB-031	16606-02-3	0.0032	0.0013	NJ	0.0013
2,4,4'-TrCB	PCB-028	7012-37-5	0.0041	0.0018	BJ	0.0018
2,3,4-TrCB	PCB-021	55702-46-0	0.0025	0.0025	UJ	0.0025
	PCB-020/033		0.002	0.002	UJ	0.002
2,3,4'-TrCB	PCB-022	38444-85-8	0.0034	0.0024	NJ	0.0024
3,3',5-TrCB	PCB-036	38444-87-0	0.003	0.002	J	0.002
3,4',5-TrCB	PCB-039	38444-88-1	0.0021	0.0021	UJ	0.0021
3,4,5-TrCB	PCB-038	53555-66-1	0.0024	0.0024	UJ	0.0024
3,3',4-TrCB	PCB-035	37680-69-6	0.0025	0.0025	UJ	0.0025
3,4,4'-TrCB	PCB-037	38444-90-5	0.0094	0.0094	UJ	0.0094
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0009	0.0009	UJ	0.0009
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0021	0.0021	UJ	0.0021
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0022	0.0022	UJ	0.0022
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0022	0.0022	UJ	0.0022
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0023	0.0023	UJ	0.0023
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0028	0.0028	UJ	0.0028
	PCB-052/069		0.0066	0.0057	BJ	0.0057
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0046	0.0046	UJ	0.0046
	PCB-043/049		0.0067	0.0067	UJ	0.0067
	PCB-065/075		0.0045	0.0045	UJ	0.0045
	PCB-047/048		0.0065	0.0065	UJ	0.0065
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0056	0.0056	UJ	0.0056
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0082	0.0082	UJ	0.0082
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0054	0.0054	UJ	0.0054
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0072	0.0072	UJ	0.0072

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247	HRMS File:	FS10281407 FS10291416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0052	0.0052	UJ	0.0052
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0042	0.0042	UJ	0.0042
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0073	0.0073	UJ	0.0073
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0047	0.0047	UJ	0.0047
	PCB-040/057		0.0064	0.0064	UJ	0.0064
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0056	0.0056	UJ	0.0056
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0054	0.0054	UJ	0.0054
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0046	0.0046	UJ	0.0046
2,3,4,5-TeCB	PCB-061	33284-53-6	0.006	0.006	UJ	0.006
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0051	0.0051	UJ	0.0051
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0064	0.0064	UJ	0.0064
	PCB-055/080		0.0053	0.0053	UJ	0.0053
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0044	0.0044	UJ	0.0044
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0053	0.0053	UJ	0.0053
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0062	0.0062	UJ	0.0062
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0058	0.0058	UJ	0.0058
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0057	0.0057	UJ	0.0057
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0058	0.0058	UJ	0.0058
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0057	0.0057	UJ	0.0057
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.006	0.006	UJ	0.006
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0014	0.0014	UJ	0.0014
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0014	0.0014	UJ	0.0014
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0017	0.0017	UJ	0.0017
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0019	0.0019	UJ	0.0019
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0022	0.0022	UJ	0.0022
	PCB-093/098/102		0.0021	0.0021	UJ	0.0021
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0019	0.0017	NJ	0.0017
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.002	0.002	UJ	0.002
	PCB-091/121		0.0017	0.0017	UJ	0.0017
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.002	0.002	UJ	0.002
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0023	0.0023	UJ	0.0023
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.002	0.002	UJ	0.002
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0023	0.0023	UJ	0.0023
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0028	0.002	BJ	0.002
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0016	0.0016	UJ	0.0016
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0018	0.0018	UJ	0.0018
	PCB-112/119		0.0015	0.0015	UJ	0.0015
	PCB-083/109		0.0019	0.0019	UJ	0.0019
	PCB-086/117		0.0019	0.0019	UJ	0.0019
	PCB-097/116		0.002	0.002	UJ	0.002
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0016	0.0016	UJ	0.0016
	PCB-087/115		0.0019	0.0019	UJ	0.0019
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0016	0.0016	UJ	0.0016
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0021	0.0021	UJ	0.0021
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0015	0.0015	UJ	0.0015
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0016	0.0016	UJ	0.0016
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0025	0.0025	UJ	0.0025
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0024	0.0024	UJ	0.0024
	PCB-107/108		0.0026	0.0026	UJ	0.0026
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0024	0.0024	UJ	0.0024
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0023	0.0023	UJ	0.0023

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247	HRMS File:	FS10281407 FS10291416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0024	0.0024	UJ	0.0024
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0024	0.0024	UJ	0.0024
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0024	0.0024	UJ	0.0024
	PCB-105/127		0.0027	0.0027	UJ	0.0027
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0041	0.0041	UJ	0.0041
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0015	0.0015	UJ	0.0015
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0011	0.0011	UJ	0.0011
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.001	0.001	UJ	0.001
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0011	0.0011	UJ	0.0011
	PCB-136/148		0.0012	0.0012	UJ	0.0012
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0013	0.0013	UJ	0.0013
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0015	0.0015	NJ	0.0015
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0013	0.0013	UJ	0.0013
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.002	0.002	UJ	0.002
	PCB-139/149		0.0028	0.0015	NJ	0.0015
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.002	0.002	UJ	0.002
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0022	0.0022	UJ	0.0022
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0029	0.0029	UJ	0.0029
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0023	0.0023	UJ	0.0023
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0028	0.0028	UJ	0.0028
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0021	0.0021	UJ	0.0021
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0021	0.0021	UJ	0.0021
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0017	0.0017	UJ	0.0017
	PCB-132/161		0.0019	0.0019	UJ	0.0019
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0057	0.0019	BJ	0.0019
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.002	0.002	UJ	0.002
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0023	0.0023	UJ	0.0023
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0024	0.0024	UJ	0.0024
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0025	0.0025	UJ	0.0025
	PCB-163/164		0.0019	0.0019	UJ	0.0019
	PCB-138/160		0.0021	0.0021	UJ	0.0021
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.002	0.002	UJ	0.002
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0017	0.0017	UJ	0.0017
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0016	0.0016	UJ	0.0016
	PCB-128/162		0.0021	0.0021	UJ	0.0021
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0016	0.0016	UJ	0.0016
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0016	0.0016	UJ	0.0016
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0016	0.0016	UJ	0.0016
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0027	0.0027	UJ	0.0027
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0014	0.0014	UJ	0.0014
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.001	0.001	UJ	0.001
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0012	0.0012	UJ	0.0012
	PCB-182/187		0.001	0.001	UJ	0.001
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0011	0.0011	UJ	0.0011
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0012	0.0012	UJ	0.0012

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247	HRMS File:	FS10281407 FS10291416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0013	0.0013	UJ	0.0013
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0015	0.0015	UJ	0.0015
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.001	0.0007	NJ	0.0007
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0026	0.001	NJ	0.001
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0022	0.0011	NJ	0.0011
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.002	0.0006	NJ	0.0006

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0047	0.0047	UJ
Dichlorobiphenyls	12	0.0033	0.0033	UJ
Trichlorobiphenyls	24	0.0071	0.001	BJ
Tetrachlorobiphenyls	42	0.0066	0.0009	BJ
Pentachlorobiphenyls	46	0.0028	0.0014	BJ
Hexachlorobiphenyls	42	0.0057	0.001	BJ
Heptachlorobiphenyls	24	0.0008	0.0008	UJ
Octachlorobiphenyls	12	0.0006	0.0006	UJ
Nonachlorobiphenyls	3	0.0011	0.0011	UJ
Decachlorobiphenyl	1	0.0006	0.0006	UJ
Total PCB		0.0222	0.0006	BJ

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247	HRMS File:	FS10281407 FS10291416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	19	5	145
$^{13}C_{12}$-4-MoCB	3L	15	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	43	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	56	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	38	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	72	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	58	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	56	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	62	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	66	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	68	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	80	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	71	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	82	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	83	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	59	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	67	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	72	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	81	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	83	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	48	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	98	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	46	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	86	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	64	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	67	10	145
$^{13}C_{12}$-DeCB	209L	62	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	77	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	65	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	57	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247D	HRMS File:	FS10281408 FS10291417

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0059	0.0059	UJ	0.0059
3-MoCB	PCB-002	2051-61-8	0.0109	0.0109	UJ	0.0109
4-MoCB	PCB-003	2051-62-9	0.0351	0.0351	UJ	0.0351
2,6-DiCB	PCB-010	33146-45-1	0.0054	0.0054	UJ	0.0054
2,2'-DiCB	PCB-004	13029-08-8	0.0073	0.0055	NJ	0.0055
2,5-DiCB	PCB-009	34883-39-1	0.0056	0.0056	UJ	0.0056
2,4-DiCB	PCB-007	33284-50-3	0.0046	0.0046	UJ	0.0046
2,3'-DiCB	PCB-006	25569-80-6	0.0054	0.0054	UJ	0.0054
2,3/2,4'-DiCB	PCB-005/008		0.0152	0.005	J	0.005
3,5-DiCB	PCB-014	34883-41-5	0.006	0.006	UJ	0.006
3,3'-DiCB	PCB-011	2050-67-1	0.006	0.006	UJ	0.006
3,4/3,4'-DiCB	PCB-012/013		0.0057	0.0057	UJ	0.0057
4,4'-DiCB	PCB-015	2050-68-2	0.0145	0.0145	UJ	0.0145
2,2',6-TrCB	PCB-019	38444-73-4	0.0017	0.0017	UJ	0.0017
2,4,6-TrCB	PCB-030	35693-92-6	0.0016	0.0016	UJ	0.0016
2,2',5-TrCB	PCB-018	37680-65-2	0.0019	0.0019	UJ	0.0019
2,2',4-TrCB	PCB-017	37680-66-3	0.0022	0.0022	UJ	0.0022
2,3,6-TrCB	PCB-024	55702-45-9	0.0018	0.0018	UJ	0.0018
2,3',6-TrCB	PCB-027	38444-76-7	0.0011	0.0011	UJ	0.0011
2,4',6-TrCB	PCB-032	38444-77-8	0.0016	0.0016	UJ	0.0016
2,2',3-TrCB	PCB-016	38444-78-9	0.0026	0.0026	UJ	0.0026
2,3,5-TrCB	PCB-023	55720-44-0	0.0028	0.002	NJ	0.002
2,3',5'-TrCB	PCB-034	37680-68-5	0.0022	0.0022	UJ	0.0022
2,4,5-TrCB	PCB-029	15862-07-4	0.0015	0.0015	UJ	0.0015
2,3',5-TrCB	PCB-026	38444-81-4	0.0017	0.0017	UJ	0.0017
2,3',4-TrCB	PCB-025	55712-37-3	0.0019	0.0019	UJ	0.0019
2,4',5-TrCB	PCB-031	16606-02-3	0.0022	0.0014	NJ	0.0014
2,4,4'-TrCB	PCB-028	7012-37-5	0.002	0.002	UJ	0.002
2,3,4-TrCB	PCB-021	55702-46-0	0.0026	0.0026	UJ	0.0026
	PCB-020/033		0.0021	0.0021	UJ	0.0021
2,3,4'-TrCB	PCB-022	38444-85-8	0.0026	0.0026	UJ	0.0026
3,3',5-TrCB	PCB-036	38444-87-0	0.0022	0.0022	UJ	0.0022
3,4',5-TrCB	PCB-039	38444-88-1	0.0023	0.0023	UJ	0.0023
3,4,5-TrCB	PCB-038	53555-66-1	0.0044	0.0026	J	0.0026
3,3',4-TrCB	PCB-035	37680-69-6	0.0045	0.0026	J	0.0026
3,4,4'-TrCB	PCB-037	38444-90-5	0.0094	0.0094	UJ	0.0094
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.001	0.001	UJ	0.001
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0021	0.0021	UJ	0.0021
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0022	0.0022	UJ	0.0022
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0022	0.0022	UJ	0.0022
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0023	0.0023	UJ	0.0023
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0029	0.0029	UJ	0.0029
	PCB-052/069		0.0049	0.002	NJ	0.002
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0016	0.0016	UJ	0.0016
	PCB-043/049		0.0068	0.0023	J	0.0023
	PCB-065/075		0.0016	0.0016	UJ	0.0016
	PCB-047/048		0.0056	0.0023	J	0.0023
2,3,4,6-TeCB	PCB-062	54230-22-7	0.002	0.002	UJ	0.002
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0029	0.0029	UJ	0.0029
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0042	0.0019	NJ	0.0019
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0037	0.0025	J	0.0025

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247D	HRMS File:	FS10281408 FS10291417

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0027	0.0018	NJ	0.0018
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0015	0.0015	UJ	0.0015
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0026	0.0026	UJ	0.0026
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0017	0.0017	UJ	0.0017
	PCB-040/057		0.0022	0.0022	UJ	0.0022
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0027	0.002	NJ	0.002
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0019	0.0019	UJ	0.0019
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0016	0.0016	UJ	0.0016
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0021	0.0021	UJ	0.0021
2,4,4',5-TeCB	PCB-074	32690-93-0	0.002	0.0018	NJ	0.0018
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0023	0.0023	UJ	0.0023
	PCB-055/080		0.0019	0.0019	UJ	0.0019
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0016	0.0016	UJ	0.0016
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0021	0.0019	NJ	0.0019
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0022	0.0022	UJ	0.0022
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0021	0.0021	UJ	0.0021
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.002	0.002	UJ	0.002
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0021	0.0021	UJ	0.0021
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0057	0.0057	UJ	0.0057
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0076	0.0076	UJ	0.0076
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0014	0.0014	UJ	0.0014
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0014	0.0014	UJ	0.0014
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0017	0.0017	UJ	0.0017
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0019	0.0019	UJ	0.0019
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0022	0.0022	UJ	0.0022
	PCB-093/098/102		0.0021	0.0021	UJ	0.0021
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0023	0.0017	NJ	0.0017
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.002	0.002	UJ	0.002
	PCB-091/121		0.0016	0.0016	UJ	0.0016
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.002	0.002	J	0.002
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0023	0.0023	UJ	0.0023
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.002	0.002	UJ	0.002
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0023	0.0023	UJ	0.0023
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0026	0.0019	BJ	0.0019
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0016	0.0016	UJ	0.0016
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0018	0.0018	UJ	0.0018
	PCB-112/119		0.0015	0.0015	UJ	0.0015
	PCB-083/109		0.0019	0.0019	UJ	0.0019
	PCB-086/117		0.0018	0.0018	UJ	0.0018
	PCB-097/116		0.002	0.002	UJ	0.002
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0016	0.0016	UJ	0.0016
	PCB-087/115		0.0019	0.0019	UJ	0.0019
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0035	0.0016	NJ	0.0016
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0036	0.0021	J	0.0021
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0015	0.0015	UJ	0.0015
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0016	0.0016	UJ	0.0016
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0025	0.0025	UJ	0.0025
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0024	0.0024	UJ	0.0024
	PCB-107/108		0.0025	0.0025	UJ	0.0025
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0025	0.0025	UJ	0.0025
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0023	0.0023	UJ	0.0023

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247D	HRMS File:	FS10281408 FS10291417

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0024	0.0024	UJ	0.0024
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0023	0.0023	UJ	0.0023
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0024	0.0024	UJ	0.0024
	PCB-105/127		0.0027	0.0027	UJ	0.0027
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0046	0.0046	UJ	0.0046
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0014	0.0014	UJ	0.0014
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0011	0.0011	UJ	0.0011
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0011	0.0011	UJ	0.0011
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0012	0.0012	UJ	0.0012
	PCB-136/148		0.0012	0.0012	UJ	0.0012
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0013	0.0013	UJ	0.0013
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0013	0.0013	UJ	0.0013
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0021	0.0021	UJ	0.0021
	PCB-139/149		0.0052	0.0015	BJ	0.0015
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0021	0.0021	UJ	0.0021
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0023	0.0023	UJ	0.0023
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0029	0.0029	UJ	0.0029
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0024	0.0024	UJ	0.0024
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0028	0.0028	UJ	0.0028
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0022	0.0022	UJ	0.0022
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0022	0.0022	UJ	0.0022
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0018	0.0018	UJ	0.0018
	PCB-132/161		0.002	0.002	UJ	0.002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0098	0.0019	BJ	0.0019
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0021	0.0021	UJ	0.0021
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0024	0.0024	UJ	0.0024
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0025	0.0025	J	0.0025
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0026	0.0026	UJ	0.0026
	PCB-163/164		0.0019	0.0019	UJ	0.0019
	PCB-138/160		0.012	0.0021	J	0.0021
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0021	0.0021	UJ	0.0021
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0017	0.0017	UJ	0.0017
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0017	0.0017	UJ	0.0017
	PCB-128/162		0.0021	0.0021	UJ	0.0021
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0016	0.0016	UJ	0.0016
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0016	0.0016	UJ	0.0016
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0017	0.0017	UJ	0.0017
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0031	0.0031	UJ	0.0031
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.001	0.001	UJ	0.001
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0015	0.0012	J	0.0012
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0012	0.0012	UJ	0.0012
	PCB-182/187		0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0022	0.0011	J	0.0011
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0012	0.0012	UJ	0.0012

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247D	HRMS File:	FS10281408 FS10291417

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0013	0.0013	UJ	0.0013
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0035	0.0015	J	0.0015
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0012	0.0009	NJ	0.0009
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.002	0.0011	NJ	0.0011
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0038	0.001	NJ	0.001
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0012	0.0007	BJ	0.0007

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0059	0.0059	UJ
Dichlorobiphenyls	12	0.0152	0.0046	J
Trichlorobiphenyls	24	0.0089	0.0011	BJ
Tetrachlorobiphenyls	42	0.0161	0.001	BJ
Pentachlorobiphenyls	46	0.0082	0.0014	BJ
Hexachlorobiphenyls	42	0.0295	0.0011	BJ
Heptachlorobiphenyls	24	0.0072	0.0008	BJ
Octachlorobiphenyls	12	0.0007	0.0007	UJ
Nonachlorobiphenyls	3	0.0012	0.0012	UJ
Decachlorobiphenyl	1	0.0012	0.0007	BJ
Total PCB		0.0863	0.0007	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (010-090914-0906)	Date Extracted:	10/16/2014
Field ID:	#14-13438 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142247D	HRMS File:	FS10281408 FS10291417

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	18	5	145
$^{13}C_{12}$-4-MoCB	3L	2	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	34	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	13	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	37	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	72	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	59	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	69	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	18	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	63	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	72	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	88	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	73	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	69	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	84	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	59	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	70	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	72	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	100	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	87	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	51	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	93	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	44	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	77	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	55	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	62	10	145
$^{13}C_{12}$-DeCB	209L	58	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	78	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	63	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	60	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (011-090914-0908)	Date Extracted:	10/16/2014
Field ID:	#14-13439 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142248	HRMS File:	FS10281409 FS10291418

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0026	0.0026	UJ	0.0026
3-MoCB	PCB-002	2051-61-8	0.0041	0.0041	UJ	0.0041
4-MoCB	PCB-003	2051-62-9	0.0068	0.0068	UJ	0.0068
2,6-DiCB	PCB-010	33146-45-1	0.0047	0.0047	UJ	0.0047
2,2'-DiCB	PCB-004	13029-08-8	0.0046	0.0046	UJ	0.0046
2,5-DiCB	PCB-009	34883-39-1	0.0049	0.0049	UJ	0.0049
2,4-DiCB	PCB-007	33284-50-3	0.0107	0.004	NJ	0.004
2,3'-DiCB	PCB-006	25569-80-6	0.0047	0.0047	UJ	0.0047
2,3/2,4'-DiCB	PCB-005/008		0.0078	0.002	J	0.002
3,5-DiCB	PCB-014	34883-41-5	0.0026	0.0024	NJ	0.0024
3,3'-DiCB	PCB-011	2050-67-1	0.0311	0.0024	J	0.0024
3,4/3,4'-DiCB	PCB-012/013		0.0023	0.0023	UJ	0.0023
4,4'-DiCB	PCB-015	2050-68-2	0.0033	0.0033	UJ	0.0033
2,2',6-TrCB	PCB-019	38444-73-4	0.0017	0.0017	UJ	0.0017
2,4,6-TrCB	PCB-030	35693-92-6	0.0016	0.0016	UJ	0.0016
2,2',5-TrCB	PCB-018	37680-65-2	0.0045	0.0019	BJ	0.0019
2,2',4-TrCB	PCB-017	37680-66-3	0.0022	0.0022	UJ	0.0022
2,3,6-TrCB	PCB-024	55702-45-9	0.0018	0.0018	UJ	0.0018
2,3',6-TrCB	PCB-027	38444-76-7	0.0012	0.0012	UJ	0.0012
2,4',6-TrCB	PCB-032	38444-77-8	0.0016	0.0016	UJ	0.0016
2,2',3-TrCB	PCB-016	38444-78-9	0.0027	0.0027	UJ	0.0027
2,3,5-TrCB	PCB-023	55720-44-0	0.002	0.002	UJ	0.002
2,3',5'-TrCB	PCB-034	37680-68-5	0.0039	0.0022	NJ	0.0022
2,4,5-TrCB	PCB-029	15862-07-4	0.0015	0.0015	UJ	0.0015
2,3',5-TrCB	PCB-026	38444-81-4	0.0021	0.0017	NJ	0.0017
2,3',4-TrCB	PCB-025	55712-37-3	0.0019	0.0019	UJ	0.0019
2,4',5-TrCB	PCB-031	16606-02-3	0.0026	0.0014	NJ	0.0014
2,4,4'-TrCB	PCB-028	7012-37-5	0.0033	0.002	NJ	0.002
2,3,4-TrCB	PCB-021	55702-46-0	0.0027	0.0027	UJ	0.0027
	PCB-020/033		0.0021	0.0021	UJ	0.0021
2,3,4'-TrCB	PCB-022	38444-85-8	0.0026	0.0026	UJ	0.0026
3,3',5-TrCB	PCB-036	38444-87-0	0.0022	0.0022	UJ	0.0022
3,4',5-TrCB	PCB-039	38444-88-1	0.0045	0.0023	J	0.0023
3,4,5-TrCB	PCB-038	53555-66-1	0.0026	0.0026	UJ	0.0026
3,3',4-TrCB	PCB-035	37680-69-6	0.0027	0.0027	UJ	0.0027
3,4,4'-TrCB	PCB-037	38444-90-5	0.0097	0.0097	UJ	0.0097
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0009	0.0009	UJ	0.0009
2,2',4,6-TeCB	PCB-050	62796-65-0	0.002	0.002	UJ	0.002
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0021	0.0021	UJ	0.0021
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0021	0.0021	UJ	0.0021
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0022	0.0022	UJ	0.0022
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0027	0.0027	UJ	0.0027
	PCB-052/069		0.0057	0.0022	BJ	0.0022
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0018	0.0018	UJ	0.0018
	PCB-043/049		0.0028	0.0026	NJ	0.0026
	PCB-065/075		0.0017	0.0017	UJ	0.0017
	PCB-047/048		0.007	0.0025	J	0.0025
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0022	0.0022	UJ	0.0022
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0049	0.0032	NJ	0.0032
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0021	0.0021	UJ	0.0021
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0028	0.0028	UJ	0.0028

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (011-090914-0908)	Date Extracted:	10/16/2014
Field ID:	#14-13439 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142248	HRMS File:	FS10281409 FS10291418

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.002	0.002	UJ	0.002
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0016	0.0016	UJ	0.0016
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0029	0.0029	UJ	0.0029
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0019	0.0019	UJ	0.0019
	PCB-040/057		0.0025	0.0025	UJ	0.0025
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0022	0.0022	UJ	0.0022
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0021	0.0021	UJ	0.0021
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0018	0.0018	UJ	0.0018
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0024	0.0024	UJ	0.0024
2,4,4',5-TeCB	PCB-074	32690-93-0	0.002	0.002	UJ	0.002
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0025	0.0025	UJ	0.0025
	PCB-055/080		0.0021	0.0021	UJ	0.0021
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0017	0.0017	UJ	0.0017
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0021	0.0021	UJ	0.0021
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0024	0.0024	UJ	0.0024
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0023	0.0023	UJ	0.0023
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0022	0.0022	UJ	0.0022
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0023	0.0023	UJ	0.0023
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0023	0.0023	UJ	0.0023
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0023	0.0023	UJ	0.0023
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0013	0.0013	UJ	0.0013
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0013	0.0013	UJ	0.0013
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0015	0.0015	UJ	0.0015
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0017	0.0017	UJ	0.0017
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.002	0.002	UJ	0.002
	PCB-093/098/102		0.0019	0.0019	UJ	0.0019
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0035	0.0016	J	0.0016
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0018	0.0018	UJ	0.0018
	PCB-091/121		0.0015	0.0015	UJ	0.0015
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0019	0.0019	UJ	0.0019
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0021	0.0021	UJ	0.0021
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0018	0.0018	UJ	0.0018
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0022	0.0021	J	0.0021
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0018	0.0018	NJ	0.0018
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0015	0.0015	UJ	0.0015
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0017	0.0017	UJ	0.0017
	PCB-112/119		0.0014	0.0014	UJ	0.0014
	PCB-083/109		0.0018	0.0018	UJ	0.0018
	PCB-086/117		0.0017	0.0017	UJ	0.0017
	PCB-097/116		0.0018	0.0018	UJ	0.0018
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0014	0.0014	UJ	0.0014
	PCB-087/115		0.0024	0.0018	BJ	0.0018
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0015	0.0015	UJ	0.0015
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0019	0.0019	UJ	0.0019
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.003	0.0014	NJ	0.0014
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0019	0.0015	NJ	0.0015
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0023	0.0023	UJ	0.0023
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0024	0.0024	UJ	0.0024
	PCB-107/108		0.0023	0.0023	UJ	0.0023
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0022	0.0022	UJ	0.0022
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0021	0.0021	UJ	0.0021

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (011-090914-0908)	Date Extracted:	10/16/2014
Field ID:	#14-13439 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142248	HRMS File:	FS10281409 FS10291418

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0022	0.0022	UJ	0.0022
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0022	0.0022	UJ	0.0022
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0022	0.0022	UJ	0.0022
	PCB-105/127		0.0025	0.0025	UJ	0.0025
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0044	0.0044	UJ	0.0044
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0014	0.0014	UJ	0.0014
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0011	0.0011	UJ	0.0011
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0011	0.0011	NJ	0.0011
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0012	0.0012	UJ	0.0012
	PCB-136/148		0.0012	0.0012	UJ	0.0012
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0013	0.0013	UJ	0.0013
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0013	0.0013	UJ	0.0013
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0021	0.0021	UJ	0.0021
	PCB-139/149		0.0042	0.0015	BJ	0.0015
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0021	0.0021	UJ	0.0021
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0023	0.0023	UJ	0.0023
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.003	0.003	UJ	0.003
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0024	0.0024	UJ	0.0024
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0029	0.0029	UJ	0.0029
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0022	0.0022	UJ	0.0022
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0022	0.0022	UJ	0.0022
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0018	0.0018	UJ	0.0018
	PCB-132/161		0.002	0.002	UJ	0.002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0022	0.0019	NJ	0.0019
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0021	0.0021	UJ	0.0021
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0024	0.0024	UJ	0.0024
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0025	0.0025	UJ	0.0025
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0026	0.0026	UJ	0.0026
	PCB-163/164		0.002	0.002	UJ	0.002
	PCB-138/160		0.0068	0.0021	J	0.0021
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0021	0.0021	UJ	0.0021
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0017	0.0017	UJ	0.0017
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0017	0.0017	UJ	0.0017
	PCB-128/162		0.0021	0.0021	UJ	0.0021
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0017	0.0017	UJ	0.0017
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0017	0.0017	UJ	0.0017
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0017	0.0017	UJ	0.0017
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.003	0.003	UJ	0.003
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.001	0.001	UJ	0.001
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0012	0.0012	UJ	0.0012
	PCB-182/187		0.0015	0.0011	NJ	0.0011
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0011	0.0011	UJ	0.0011
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0012	0.0012	UJ	0.0012

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (011-090914-0908)	Date Extracted:	10/16/2014
Field ID:	#14-13439 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142248	HRMS File:	FS10281409 FS10291418

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0013	0.0013	UJ	0.0013
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0051	0.0015	J	0.0015
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.001	0.001	UJ	0.001
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.001	0.001	UJ	0.001
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0028	0.0008	NJ	0.0008

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0026	0.0026	UJ
Dichlorobiphenyls	12	0.0389	0.002	J
Trichlorobiphenyls	24	0.009	0.0012	BJ
Tetrachlorobiphenyls	42	0.0127	0.0009	BJ
Pentachlorobiphenyls	46	0.0086	0.0013	BJ
Hexachlorobiphenyls	42	0.011	0.0011	BJ
Heptachlorobiphenyls	24	0.0051	0.0008	BJ
Octachlorobiphenyls	12	0.0007	0.0007	UJ
Nonachlorobiphenyls	3	0.0012	0.0012	UJ
Decachlorobiphenyl	1	0.0008	0.0008	UJ
Total PCB		0.0853	0.0007	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (011-090914-0908)	Date Extracted:	10/16/2014
Field ID:	#14-13439 (Liquids - not oil)	Date Analysed:	10/28/2014 10/29/2014
PRL ID:	PR142248	HRMS File:	FS10281409 FS10291418

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	21	5	145
$^{13}C_{12}$-4-MoCB	3L	16	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	38	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	70	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	39	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	78	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	60	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	77	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	80	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	69	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	75	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	88	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	92	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	77	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	86	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	62	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	67	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	70	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	86	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	81	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	51	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	92	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	46	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	82	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	61	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	66	10	145
$^{13}C_{12}$-DeCB	209L	57	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	80	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	67	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	59	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (035-082714-1453)	Date Extracted:	10/16/2014
Field ID:	#14-13443 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142252	HRMS File:	FS10281415 FS10301412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0029	0.0029	UJ	0.0029
3-MoCB	PCB-002	2051-61-8	0.0047	0.0047	UJ	0.0047
4-MoCB	PCB-003	2051-62-9	0.0085	0.0085	UJ	0.0085
2,6-DiCB	PCB-010	33146-45-1	0.0057	0.0057	UJ	0.0057
2,2'-DiCB	PCB-004	13029-08-8	0.0049	0.0049	UJ	0.0049
2,5-DiCB	PCB-009	34883-39-1	0.0059	0.0059	UJ	0.0059
2,4-DiCB	PCB-007	33284-50-3	0.0048	0.0048	UJ	0.0048
2,3'-DiCB	PCB-006	25569-80-6	0.0056	0.0056	UJ	0.0056
2,3/2,4'-DiCB	PCB-005/008		0.0037	0.0037	UJ	0.0037
3,5-DiCB	PCB-014	34883-41-5	0.0045	0.0045	UJ	0.0045
3,3'-DiCB	PCB-011	2050-67-1	0.0055	0.0045	NJ	0.0045
3,4/3,4'-DiCB	PCB-012/013		0.0043	0.0043	UJ	0.0043
4,4'-DiCB	PCB-015	2050-68-2	0.0062	0.0062	UJ	0.0062
2,2',6-TrCB	PCB-019	38444-73-4	0.0019	0.0018	NJ	0.0018
2,4,6-TrCB	PCB-030	35693-92-6	0.0016	0.0016	UJ	0.0016
2,2',5-TrCB	PCB-018	37680-65-2	0.0021	0.0018	NJ	0.0018
2,2',4-TrCB	PCB-017	37680-66-3	0.0022	0.0022	UJ	0.0022
2,3,6-TrCB	PCB-024	55702-45-9	0.0018	0.0018	UJ	0.0018
2,3',6-TrCB	PCB-027	38444-76-7	0.0011	0.0011	UJ	0.0011
2,4',6-TrCB	PCB-032	38444-77-8	0.0016	0.0016	UJ	0.0016
2,2',3-TrCB	PCB-016	38444-78-9	0.0027	0.0027	UJ	0.0027
2,3,5-TrCB	PCB-023	55720-44-0	0.0019	0.0019	UJ	0.0019
2,3',5'-TrCB	PCB-034	37680-68-5	0.0022	0.0022	UJ	0.0022
2,4,5-TrCB	PCB-029	15862-07-4	0.0014	0.0014	UJ	0.0014
2,3',5-TrCB	PCB-026	38444-81-4	0.0016	0.0016	UJ	0.0016
2,3',4-TrCB	PCB-025	55712-37-3	0.0018	0.0018	NJ	0.0018
2,4',5-TrCB	PCB-031	16606-02-3	0.0013	0.0013	UJ	0.0013
2,4,4'-TrCB	PCB-028	7012-37-5	0.002	0.002	UJ	0.002
2,3,4-TrCB	PCB-021	55702-46-0	0.0026	0.0026	UJ	0.0026
	PCB-020/033		0.0021	0.0021	UJ	0.0021
2,3,4'-TrCB	PCB-022	38444-85-8	0.0026	0.0026	UJ	0.0026
3,3',5-TrCB	PCB-036	38444-87-0	0.0022	0.0022	UJ	0.0022
3,4',5-TrCB	PCB-039	38444-88-1	0.0023	0.0023	UJ	0.0023
3,4,5-TrCB	PCB-038	53555-66-1	0.0026	0.0026	UJ	0.0026
3,3',4-TrCB	PCB-035	37680-69-6	0.0027	0.0027	UJ	0.0027
3,4,4'-TrCB	PCB-037	38444-90-5	0.0086	0.0086	UJ	0.0086
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.001	0.001	UJ	0.001
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0021	0.0021	UJ	0.0021
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0022	0.0022	UJ	0.0022
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0021	0.0021	UJ	0.0021
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0023	0.0023	UJ	0.0023
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0028	0.0028	UJ	0.0028
	PCB-052/069		0.0037	0.0032	BJ	0.0032
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0025	0.0025	UJ	0.0025
	PCB-043/049		0.0037	0.0037	UJ	0.0037
	PCB-065/075		0.0025	0.0025	UJ	0.0025
	PCB-047/048		0.0036	0.0036	UJ	0.0036
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0031	0.0031	UJ	0.0031
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0046	0.0046	UJ	0.0046
2,3,3',6-TeCB	PCB-059	74472-33-6	0.003	0.003	UJ	0.003
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.004	0.004	UJ	0.004

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (035-082714-1453)	Date Extracted:	10/16/2014
Field ID:	#14-13443 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142252	HRMS File:	FS10281415 FS10301412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0029	0.0029	UJ	0.0029
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0023	0.0023	UJ	0.0023
2,2',3,4-TeCB	PCB-041	52663-59-9	0.004	0.004	UJ	0.004
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0026	0.0026	UJ	0.0026
	PCB-040/057		0.0035	0.0035	UJ	0.0035
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0031	0.0031	UJ	0.0031
2,3,4',5-TeCB	PCB-063	74472-34-7	0.003	0.003	UJ	0.003
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0026	0.0026	UJ	0.0026
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0033	0.0033	UJ	0.0033
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0028	0.0028	UJ	0.0028
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0035	0.0035	UJ	0.0035
	PCB-055/080		0.0029	0.0029	UJ	0.0029
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0024	0.0024	UJ	0.0024
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.003	0.003	UJ	0.003
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0034	0.0034	UJ	0.0034
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0032	0.0032	UJ	0.0032
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0032	0.0032	UJ	0.0032
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0032	0.0032	UJ	0.0032
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0033	0.0033	UJ	0.0033
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0032	0.0032	UJ	0.0032
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0015	0.0015	UJ	0.0015
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0012	0.0012	UJ	0.0012
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0014	0.0014	UJ	0.0014
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0016	0.0016	UJ	0.0016
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0019	0.0019	UJ	0.0019
	PCB-093/098/102		0.0018	0.0018	UJ	0.0018
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0042	0.0015	J	0.0015
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0017	0.0017	UJ	0.0017
	PCB-091/121		0.0014	0.0014	UJ	0.0014
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0017	0.0017	UJ	0.0017
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.002	0.002	UJ	0.002
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0026	0.0017	J	0.0017
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0019	0.0019	UJ	0.0019
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0019	0.0017	NJ	0.0017
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0014	0.0014	UJ	0.0014
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0015	0.0015	UJ	0.0015
	PCB-112/119		0.0013	0.0013	UJ	0.0013
	PCB-083/109		0.0016	0.0016	UJ	0.0016
	PCB-086/117		0.0016	0.0016	UJ	0.0016
	PCB-097/116		0.0017	0.0017	UJ	0.0017
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0013	0.0013	UJ	0.0013
	PCB-087/115		0.0016	0.0016	UJ	0.0016
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0014	0.0014	UJ	0.0014
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0018	0.0018	UJ	0.0018
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0013	0.0013	UJ	0.0013
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0046	0.0014	BJ	0.0014
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0022	0.0022	UJ	0.0022
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.002	0.002	UJ	0.002
	PCB-107/108		0.0022	0.0022	UJ	0.0022
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0019	0.0019	UJ	0.0019
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.002	0.002	UJ	0.002

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (035-082714-1453)	Date Extracted:	10/16/2014
Field ID:	#14-13443 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142252	HRMS File:	FS10281415 FS10301412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0032	0.0019	BJ	0.0019
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0019	0.0019	UJ	0.0019
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.002	0.002	UJ	0.002
	PCB-105/127		0.002	0.002	UJ	0.002
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0033	0.0033	UJ	0.0033
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0014	0.0014	UJ	0.0014
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.001	0.001	UJ	0.001
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0009	0.0009	UJ	0.0009
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.001	0.001	UJ	0.001
	PCB-136/148		0.0018	0.0011	J	0.0011
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0011	0.0011	UJ	0.0011
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0013	0.0013	UJ	0.0013
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0015	0.0015	UJ	0.0015
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0011	0.0011	UJ	0.0011
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0018	0.0018	UJ	0.0018
	PCB-139/149		0.0028	0.0013	BJ	0.0013
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0018	0.0018	UJ	0.0018
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.002	0.002	UJ	0.002
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0025	0.0025	UJ	0.0025
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.002	0.002	UJ	0.002
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0024	0.0024	UJ	0.0024
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0019	0.0019	UJ	0.0019
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0019	0.0019	UJ	0.0019
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0015	0.0015	UJ	0.0015
	PCB-132/161		0.0053	0.0017	J	0.0017
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0094	0.0016	BJ	0.0016
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0018	0.0018	UJ	0.0018
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0021	0.0021	UJ	0.0021
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0022	0.0022	UJ	0.0022
	PCB-163/164		0.0017	0.0017	UJ	0.0017
	PCB-138/160		0.0018	0.0018	UJ	0.0018
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0018	0.0018	UJ	0.0018
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0015	0.0015	UJ	0.0015
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0018	0.0014	NJ	0.0014
	PCB-128/162		0.0018	0.0018	UJ	0.0018
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0016	0.0013	NJ	0.0013
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0014	0.0014	UJ	0.0014
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0014	0.0014	UJ	0.0014
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0024	0.0024	UJ	0.0024
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0011	0.0011	UJ	0.0011
	PCB-182/187		0.0012	0.001	NJ	0.001
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.001	0.001	UJ	0.001
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0012	0.0012	UJ	0.0012

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (035-082714-1453)	Date Extracted:	10/16/2014
Field ID:	#14-13443 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142252	HRMS File:	FS10281415 FS10301412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0012	0.0012	UJ	0.0012
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.001	0.001	UJ	0.001
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0045	0.0014	J	0.0014
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0019	0.0013	NJ	0.0013
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0006	0.0006	UJ	0.0006
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0017	0.0009	NJ	0.0009
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0021	0.001	NJ	0.001
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0019	0.001	NJ	0.001
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.003	0.0007	NJ	0.0007

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0029	0.0029	UJ
Dichlorobiphenyls	12	0.0037	0.0037	UJ
Trichlorobiphenyls	24	0.0011	0.0011	UJ
Tetrachlorobiphenyls	42	0.0037	0.001	BJ
Pentachlorobiphenyls	46	0.0144	0.0012	BJ
Hexachlorobiphenyls	42	0.0193	0.0009	BJ
Heptachlorobiphenyls	24	0.0045	0.0008	BJ
Octachlorobiphenyls	12	0.0006	0.0006	UJ
Nonachlorobiphenyls	3	0.001	0.001	UJ
Decachlorobiphenyl	1	0.0007	0.0007	UJ
Total PCB		0.0419	0.0006	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (035-082714-1453)	Date Extracted:	10/16/2014
Field ID:	#14-13443 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142252	HRMS File:	FS10281415 FS10301412

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	25	5	145
$^{13}C_{12}$-4-MoCB	3L	22	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	46	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	64	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	43	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	70	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	56	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	80	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	91	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	60	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	77	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	82	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	73	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	74	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	85	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	57	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	68	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	70	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	79	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	67	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	46	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	105	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	42	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	89	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	65	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	74	10	145
$^{13}C_{12}$-DeCB	209L	63	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	71	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	69	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	57	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (026-100214-1450)	Date Extracted:	10/16/2014
Field ID:	#14-14782 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142510	HRMS File:	FS10281413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0042	0.0042	UJ	0.0042
3-MoCB	PCB-002	2051-61-8	0.0132	0.0062	NJ	0.0062
4-MoCB	PCB-003	2051-62-9	0.0087	0.0087	UJ	0.0087
2,6-DiCB	PCB-010	33146-45-1	0.0036	0.0036	UJ	0.0036
2,2'-DiCB	PCB-004	13029-08-8	0.128	0.0047		0.0047
2,5-DiCB	PCB-009	34883-39-1	0.0038	0.0038	UJ	0.0038
2,4-DiCB	PCB-007	33284-50-3	0.0031	0.0031	UJ	0.0031
2,3'-DiCB	PCB-006	25569-80-6	0.107	0.0036		0.0036
2,3/2,4'-DiCB	PCB-005/008		0.476	0.0033		0.0033
3,5-DiCB	PCB-014	34883-41-5	0.004	0.004	UJ	0.004
3,3'-DiCB	PCB-011	2050-67-1	0.336	0.004		0.004
3,4/3,4'-DiCB	PCB-012/013		0.0038	0.0038	UJ	0.0038
4,4'-DiCB	PCB-015	2050-68-2	0.0856	0.0061		0.0061
2,2',6-TrCB	PCB-019	38444-73-4	0.0662	0.0022		0.0022
2,4,6-TrCB	PCB-030	35693-92-6	0.0017	0.0017	UJ	0.0017
2,2',5-TrCB	PCB-018	37680-65-2	0.609	0.0023		0.0023
2,2',4-TrCB	PCB-017	37680-66-3	0.225	0.0024		0.0024
2,3,6-TrCB	PCB-024	55702-45-9	0.0019	0.0019	UJ	0.0019
2,3',6-TrCB	PCB-027	38444-76-7	0.0394	0.0014	J	0.0014
2,4',6-TrCB	PCB-032	38444-77-8	0.169	0.0017		0.0017
2,2',3-TrCB	PCB-016	38444-78-9	0.227	0.0028		0.0028
2,3,5-TrCB	PCB-023	55720-44-0	0.0024	0.0024	UJ	0.0024
2,3',5'-TrCB	PCB-034	37680-68-5	0.0023	0.0023	UJ	0.0023
2,4,5-TrCB	PCB-029	15862-07-4	0.0018	0.0018	UJ	0.0018
2,3',5-TrCB	PCB-026	38444-81-4	0.13	0.002		0.002
2,3',4-TrCB	PCB-025	55712-37-3	0.0517	0.0023		0.0023
2,4',5-TrCB	PCB-031	16606-02-3	0.666	0.0017		0.0017
2,4,4'-TrCB	PCB-028	7012-37-5	0.662	0.0021		0.0021
2,3,4-TrCB	PCB-021	55702-46-0	0.0028	0.0028	UJ	0.0028
	PCB-020/033		0.345	0.0023		0.0023
2,3,4'-TrCB	PCB-022	38444-85-8	0.279	0.0027		0.0027
3,3',5-TrCB	PCB-036	38444-87-0	0.0023	0.0023	UJ	0.0023
3,4',5-TrCB	PCB-039	38444-88-1	0.0024	0.0024	UJ	0.0024
3,4,5-TrCB	PCB-038	53555-66-1	0.0028	0.0028	UJ	0.0028
3,3',4-TrCB	PCB-035	37680-69-6	0.0028	0.0028	UJ	0.0028
3,4,4'-TrCB	PCB-037	38444-90-5	0.0285	0.0061	NJ	0.0061
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0014	0.0014	UJ	0.0014
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0031	0.0031	UJ	0.0031
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0758	0.0032		0.0032
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0444	0.0032		0.0032
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0496	0.0034		0.0034
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0333	0.0041	J	0.0041
	PCB-052/069		0.465	0.0029		0.0029
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0023	0.0023	UJ	0.0023
	PCB-043/049		0.235	0.0034		0.0034
	PCB-065/075		0.0023	0.0023	UJ	0.0023
	PCB-047/048		0.213	0.0033		0.0033
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0029	0.0029	UJ	0.0029
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.347	0.0042		0.0042
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0228	0.0027	UJ	0.0027
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0821	0.0037		0.0037

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (026-100214-1450)	Date Extracted:	10/16/2014
Field ID:	#14-14782 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142510	HRMS File:	FS10281413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.136	0.0027		0.0027
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0595	0.0021		0.0021
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0395	0.0037	J	0.0037
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0024	0.0024	UJ	0.0024
	PCB-040/057		0.0397	0.0033	J	0.0033
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0029	0.0029	UJ	0.0029
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0027	0.0027	UJ	0.0027
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0024	0.0024	UJ	0.0024
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0031	0.0031	UJ	0.0031
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0026	0.0026	UJ	0.0026
2,3',4',5-TeCB	PCB-070	32598-11-1	0.265	0.0033		0.0033
	PCB-055/080		0.0027	0.0027	UJ	0.0027
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0658	0.0023		0.0023
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0027	0.0027	UJ	0.0027
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0229	0.0032	J	0.0032
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0264	0.003	NJ	0.003
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0029	0.0029	UJ	0.0029
3,3',4,5-TeCB	PCB-078	70362-49-1	0.003	0.003	UJ	0.003
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0112	0.008	J	0.008
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0087	0.0087	UJ	0.0087
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0015	0.0015	UJ	0.0015
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0017	0.0017	UJ	0.0017
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.002	0.002	UJ	0.002
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0023	0.0023	UJ	0.0023
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0027	0.0027	UJ	0.0027
	PCB-093/098/102		0.0026	0.0026	UJ	0.0026
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.169	0.0021		0.0021
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0025	0.0025	UJ	0.0025
	PCB-091/121		0.0261	0.002	J	0.002
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0104	0.0025	J	0.0025
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0677	0.0028		0.0028
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0024	0.0024	UJ	0.0024
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0028	0.0028	UJ	0.0028
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.175	0.0024		0.0024
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.002	0.002	UJ	0.002
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0454	0.0022		0.0022
	PCB-112/119		0.0018	0.0018	UJ	0.0018
	PCB-083/109		0.0024	0.0024	UJ	0.0024
	PCB-086/117		0.0023	0.0023	UJ	0.0023
	PCB-097/116		0.038	0.0025	J	0.0025
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0019	0.0019	UJ	0.0019
	PCB-087/115		0.058	0.0024		0.0024
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.002	0.002	UJ	0.002
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0097	0.0025	J	0.0025
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0019	0.0019	UJ	0.0019
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.11	0.002		0.002
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0031	0.0031	UJ	0.0031
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0043	0.0043	UJ	0.0043
	PCB-107/108		0.0031	0.0031	UJ	0.0031
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0029	0.0029	UJ	0.0029
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0028	0.0028	UJ	0.0028

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (026-100214-1450)	Date Extracted:	10/16/2014
Field ID:	#14-14782 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142510	HRMS File:	FS10281413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0542	0.003		0.003
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0037	0.0037	UJ	0.0037
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0029	0.0029	UJ	0.0029
	PCB-105/127		0.0072	0.0035	NJ	0.0035
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0071	0.0071	UJ	0.0071
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0022	0.0022	UJ	0.0022
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0025	0.0025	UJ	0.0025
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0023	0.0023	UJ	0.0023
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0025	0.0025	UJ	0.0025
	PCB-136/148		0.017	0.0026	J	0.0026
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0033	0.0028	NJ	0.0028
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.01	0.0032	J	0.0032
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0037	0.0037	UJ	0.0037
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0029	0.0029	UJ	0.0029
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0045	0.0045	UJ	0.0045
	PCB-139/149		0.0673	0.0033		0.0033
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0045	0.0045	UJ	0.0045
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0049	0.0049	UJ	0.0049
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0064	0.0064	UJ	0.0064
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0051	0.0051	UJ	0.0051
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0061	0.0061	UJ	0.0061
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.007	0.0047	NJ	0.0047
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0047	0.0047	UJ	0.0047
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0038	0.0038	UJ	0.0038
	PCB-132/161		0.0522	0.0042		0.0042
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.089	0.0041		0.0041
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0045	0.0045	UJ	0.0045
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0118	0.0052	J	0.0052
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0054	0.0054	UJ	0.0054
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0056	0.0056	UJ	0.0056
	PCB-163/164		0.0242	0.0042	J	0.0042
	PCB-138/160		0.0839	0.0046		0.0046
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0073	0.0037	NJ	0.0037
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0046	0.0046	UJ	0.0046
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0037	0.0037	UJ	0.0037
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0036	0.0036	UJ	0.0036
	PCB-128/162		0.0122	0.0046	NJ	0.0046
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0038	0.0038	UJ	0.0038
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0043	0.0043	UJ	0.0043
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.007	0.0039	NJ	0.0039
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0087	0.0087	UJ	0.0087
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0023	0.0023	UJ	0.0023
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0023	0.0023	UJ	0.0023
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0083	0.0022	J	0.0022
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0024	0.0024	UJ	0.0024
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0026	0.0026	UJ	0.0026
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0033	0.0033	UJ	0.0033
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0032	0.0032	UJ	0.0032
	PCB-182/187		0.0054	0.0028	NJ	0.0028
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0067	0.0029	NJ	0.0029
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0033	0.0033	UJ	0.0033

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (026-100214-1450)	Date Extracted:	10/16/2014
Field ID:	#14-14782 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142510	HRMS File:	FS10281413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0102	0.0034	NJ	0.0034
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0033	0.0033	UJ	0.0033
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0031	0.0031	UJ	0.0031
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0033	0.0033	UJ	0.0033
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0031	0.0031	UJ	0.0031
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0034	0.0034	UJ	0.0034
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0029	0.0029	UJ	0.0029
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.028	0.0039	J	0.0039
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0025	0.0025	UJ	0.0025
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0025	0.0025	UJ	0.0025
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0035	0.0035	UJ	0.0035
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0023	0.0023	UJ	0.0023
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.004	0.004	UJ	0.004
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0054	0.0031	NJ	0.0031
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0029	0.0029	UJ	0.0029
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0028	0.0028	UJ	0.0028
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0031	0.0031	UJ	0.0031
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.003	0.003	UJ	0.003
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.004	0.004	UJ	0.004
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0043	0.0043	UJ	0.0043
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0039	0.0039	UJ	0.0039
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.004	0.004	UJ	0.004
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0119	0.0048	NJ	0.0048
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0068	0.0043	NJ	0.0043
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0334	0.0042	J	0.0042
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0046	0.0046	UJ	0.0046
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0049	0.0049	UJ	0.0049
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.007	0.007	UJ	0.007
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0045	0.0045	UJ	0.0045

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0042	0.0042	UJ
Dichlorobiphenyls	12	1.13	0.0031	
Trichlorobiphenyls	24	3.47	0.0014	
Tetrachlorobiphenyls	42	2.18	0.0014	
Pentachlorobiphenyls	46	0.764	0.0015	
Hexachlorobiphenyls	42	0.355	0.0022	
Heptachlorobiphenyls	24	0.0363	0.0022	J
Octachlorobiphenyls	12	0.0334	0.0028	J
Nonachlorobiphenyls	3	0.0046	0.0046	UJ
Decachlorobiphenyl	1	0.0045	0.0045	UJ
Total PCB		7.980	0.0014	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (026-100214-1450)	Date Extracted:	10/16/2014
Field ID:	#14-14782 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142510	HRMS File:	FS10281413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	17	5	145
$^{13}C_{12}$-4-MoCB	3L	9	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	36	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	49	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	37	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	81	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	64	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	63	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	46	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	74	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	95	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	95	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	83	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	91	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	67	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	60	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	58	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	61	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	46	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	59	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	128	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	37	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	75	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	90	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	57	10	145
$^{13}C_{12}$-DeCB	209L	44	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	102	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	68	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	58	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (009-091614-1520)	Date Extracted:	10/16/2014
Field ID:	#14-14786 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142514	HRMS File:	FS10281414 FS10301413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0027	0.0027	UJ	0.0027
3-MoCB	PCB-002	2051-61-8	0.0045	0.0045	UJ	0.0045
4-MoCB	PCB-003	2051-62-9	0.0088	0.0088	UJ	0.0088
2,6-DiCB	PCB-010	33146-45-1	0.0068	0.0068	UJ	0.0068
2,2'-DiCB	PCB-004	13029-08-8	0.0051	0.0051	UJ	0.0051
2,5-DiCB	PCB-009	34883-39-1	0.0071	0.0071	UJ	0.0071
2,4-DiCB	PCB-007	33284-50-3	0.0058	0.0058	UJ	0.0058
2,3'-DiCB	PCB-006	25569-80-6	0.0068	0.0068	UJ	0.0068
2,3/2,4'-DiCB	PCB-005/008		0.0036	0.0036	UJ	0.0036
3,5-DiCB	PCB-014	34883-41-5	0.0043	0.0043	UJ	0.0043
3,3'-DiCB	PCB-011	2050-67-1	0.0063	0.0043	NJ	0.0043
3,4/3,4'-DiCB	PCB-012/013		0.0041	0.0041	UJ	0.0041
4,4'-DiCB	PCB-015	2050-68-2	0.0059	0.0059	UJ	0.0059
2,2',6-TrCB	PCB-019	38444-73-4	0.002	0.002	UJ	0.002
2,4,6-TrCB	PCB-030	35693-92-6	0.0018	0.0018	UJ	0.0018
2,2',5-TrCB	PCB-018	37680-65-2	0.0021	0.0021	NJ	0.0021
2,2',4-TrCB	PCB-017	37680-66-3	0.0025	0.0025	UJ	0.0025
2,3,6-TrCB	PCB-024	55702-45-9	0.0021	0.0021	UJ	0.0021
2,3',6-TrCB	PCB-027	38444-76-7	0.0012	0.0012	UJ	0.0012
2,4',6-TrCB	PCB-032	38444-77-8	0.0018	0.0018	UJ	0.0018
2,2',3-TrCB	PCB-016	38444-78-9	0.003	0.003	UJ	0.003
2,3,5-TrCB	PCB-023	55720-44-0	0.0021	0.0021	UJ	0.0021
2,3',5'-TrCB	PCB-034	37680-68-5	0.0043	0.0024	J	0.0024
2,4,5-TrCB	PCB-029	15862-07-4	0.0016	0.0016	UJ	0.0016
2,3',5-TrCB	PCB-026	38444-81-4	0.0018	0.0018	UJ	0.0018
2,3',4-TrCB	PCB-025	55712-37-3	0.002	0.002	UJ	0.002
2,4',5-TrCB	PCB-031	16606-02-3	0.0026	0.0015	NJ	0.0015
2,4,4'-TrCB	PCB-028	7012-37-5	0.0053	0.0022	BJ	0.0022
2,3,4-TrCB	PCB-021	55702-46-0	0.003	0.003	UJ	0.003
	PCB-020/033		0.0024	0.0024	UJ	0.0024
2,3,4'-TrCB	PCB-022	38444-85-8	0.0029	0.0029	UJ	0.0029
3,3',5-TrCB	PCB-036	38444-87-0	0.0028	0.0025	J	0.0025
3,4',5-TrCB	PCB-039	38444-88-1	0.0026	0.0026	UJ	0.0026
3,4,5-TrCB	PCB-038	53555-66-1	0.003	0.003	UJ	0.003
3,3',4-TrCB	PCB-035	37680-69-6	0.003	0.003	UJ	0.003
3,4,4'-TrCB	PCB-037	38444-90-5	0.0098	0.0098	UJ	0.0098
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0012	0.0012	UJ	0.0012
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0025	0.0025	UJ	0.0025
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0027	0.0027	UJ	0.0027
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0026	0.0026	UJ	0.0026
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0028	0.0028	UJ	0.0028
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0034	0.0034	UJ	0.0034
	PCB-052/069		0.0066	0.0026	BJ	0.0026
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0021	0.0021	UJ	0.0021
	PCB-043/049		0.003	0.003	UJ	0.003
	PCB-065/075		0.002	0.002	UJ	0.002
	PCB-047/048		0.003	0.003	UJ	0.003
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0026	0.0026	UJ	0.0026
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0039	0.0038	NJ	0.0038
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0024	0.0024	UJ	0.0024
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0033	0.0033	UJ	0.0033

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (009-091614-1520)	Date Extracted:	10/16/2014
Field ID:	#14-14786 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142514	HRMS File:	FS10281414 FS10301413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0024	0.0024	UJ	0.0024
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0019	0.0019	UJ	0.0019
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0033	0.0033	UJ	0.0033
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0022	0.0022	UJ	0.0022
	PCB-040/057		0.0029	0.0029	UJ	0.0029
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0026	0.0026	UJ	0.0026
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0024	0.0024	UJ	0.0024
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0021	0.0021	UJ	0.0021
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0028	0.0028	UJ	0.0028
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0023	0.0023	UJ	0.0023
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0029	0.0029	UJ	0.0029
	PCB-055/080		0.0024	0.0024	UJ	0.0024
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.002	0.002	UJ	0.002
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0024	0.0024	UJ	0.0024
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0028	0.0028	UJ	0.0028
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0027	0.0027	UJ	0.0027
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0026	0.0026	UJ	0.0026
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0027	0.0027	UJ	0.0027
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0028	0.0028	UJ	0.0028
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0026	0.0026	UJ	0.0026
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0015	0.0015	UJ	0.0015
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0013	0.0013	UJ	0.0013
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0016	0.0016	UJ	0.0016
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0018	0.0018	UJ	0.0018
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0021	0.0021	UJ	0.0021
	PCB-093/098/102		0.002	0.002	UJ	0.002
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0034	0.0016	J	0.0016
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0019	0.0019	UJ	0.0019
	PCB-091/121		0.0015	0.0015	UJ	0.0015
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0019	0.0019	UJ	0.0019
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0022	0.0022	UJ	0.0022
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0018	0.0018	UJ	0.0018
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0021	0.0021	UJ	0.0021
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0056	0.0018	BJ	0.0018
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0015	0.0015	UJ	0.0015
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0017	0.0017	UJ	0.0017
	PCB-112/119		0.0014	0.0014	UJ	0.0014
	PCB-083/109		0.0018	0.0018	UJ	0.0018
	PCB-086/117		0.0017	0.0017	UJ	0.0017
	PCB-097/116		0.0019	0.0019	UJ	0.0019
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0015	0.0015	UJ	0.0015
	PCB-087/115		0.0018	0.0018	UJ	0.0018
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0015	0.0015	UJ	0.0015
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0019	0.0019	UJ	0.0019
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0023	0.0014	NJ	0.0014
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0024	0.0015	BJ	0.0015
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0027	0.0024	NJ	0.0024
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0024	0.0024	UJ	0.0024
	PCB-107/108		0.0024	0.0024	UJ	0.0024
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0021	0.0021	UJ	0.0021
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0021	0.0021	UJ	0.0021

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (009-091614-1520)	Date Extracted:	10/16/2014
Field ID:	#14-14786 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142514	HRMS File:	FS10281414 FS10301413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0032	0.002	BJ	0.002
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0023	0.0023	UJ	0.0023
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0022	0.0022	UJ	0.0022
	PCB-105/127		0.0026	0.0024	J	0.0024
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0043	0.0043	UJ	0.0043
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0017	0.0017	UJ	0.0017
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0013	0.0013	UJ	0.0013
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0012	0.0012	UJ	0.0012
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0013	0.0013	UJ	0.0013
	PCB-136/148		0.0014	0.0014	UJ	0.0014
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0015	0.0015	UJ	0.0015
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0017	0.0017	UJ	0.0017
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0019	0.0019	UJ	0.0019
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0015	0.0015	UJ	0.0015
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0023	0.0023	UJ	0.0023
	PCB-139/149		0.0071	0.0017	BJ	0.0017
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0023	0.0023	UJ	0.0023
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0026	0.0026	UJ	0.0026
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0033	0.0033	UJ	0.0033
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0026	0.0026	UJ	0.0026
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0032	0.0032	UJ	0.0032
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0025	0.0025	UJ	0.0025
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0024	0.0024	UJ	0.0024
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.002	0.002	UJ	0.002
	PCB-132/161		0.0054	0.0022	J	0.0022
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0101	0.0022	BJ	0.0022
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0023	0.0023	UJ	0.0023
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0027	0.0027	UJ	0.0027
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0028	0.0028	UJ	0.0028
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0029	0.0029	UJ	0.0029
	PCB-163/164		0.0023	0.0022	J	0.0022
	PCB-138/160		0.014	0.0024	J	0.0024
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0019	0.0019	UJ	0.0019
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0024	0.0024	UJ	0.0024
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0019	0.0019	UJ	0.0019
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0019	0.0019	UJ	0.0019
	PCB-128/162		0.0024	0.0024	UJ	0.0024
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0018	0.0018	UJ	0.0018
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0019	0.0019	UJ	0.0019
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0018	0.0018	UJ	0.0018
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0036	0.0036	UJ	0.0036
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0014	0.0014	UJ	0.0014
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0011	0.0011	UJ	0.0011
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.001	0.001	UJ	0.001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0011	0.0011	UJ	0.0011
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0014	0.0014	UJ	0.0014
	PCB-182/187		0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0013	0.0013	UJ	0.0013
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0015	0.0015	UJ	0.0015

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (009-091614-1520)	Date Extracted:	10/16/2014
Field ID:	#14-14786 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142514	HRMS File:	FS10281414 FS10301413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0015	0.0015	UJ	0.0015
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0018	0.0014	NJ	0.0014
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0031	0.0015	J	0.0015
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0016	0.0016	UJ	0.0016
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0018	0.0018	UJ	0.0018
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.002	0.0016	NJ	0.0016
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.001	0.001	UJ	0.001
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0021	0.0012	NJ	0.0012
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0016	0.0016	UJ	0.0016
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.002	0.002	UJ	0.002
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0052	0.0018	NJ	0.0018
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0019	0.0019	UJ	0.0019
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0014	0.0014	UJ	0.0014

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0027	0.0027	UJ
Dichlorobiphenyls	12	0.0036	0.0036	UJ
Trichlorobiphenyls	24	0.0124	0.0012	BJ
Tetrachlorobiphenyls	42	0.0066	0.0012	BJ
Pentachlorobiphenyls	46	0.0168	0.0013	BJ
Hexachlorobiphenyls	42	0.0389	0.0012	BJ
Heptachlorobiphenyls	24	0.0031	0.001	BJ
Octachlorobiphenyls	12	0.0012	0.0012	UJ
Nonachlorobiphenyls	3	0.0017	0.0017	UJ
Decachlorobiphenyl	1	0.0014	0.0014	UJ
Total PCB		0.078	0.001	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (009-091614-1520)	Date Extracted:	10/16/2014
Field ID:	#14-14786 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142514	HRMS File:	FS10281414 FS10301413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	32	5	145
$^{13}C_{12}$-4-MoCB	3L	23	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	46	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	74	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	43	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	74	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	57	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	79	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	100	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	58	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	79	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	93	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	76	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	82	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	83	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	57	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	68	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	68	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	83	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	77	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	52	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	109	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	44	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	83	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	73	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	66	10	145
$^{13}C_{12}$-DeCB	209L	54	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	75	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	75	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	61	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (008-091814-0925)	Date Extracted:	10/16/2014
Field ID:	#14-14787 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142515	HRMS File:	FS10281415 FS10301414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.003	0.003	UJ	0.003
3-MoCB	PCB-002	2051-61-8	0.0047	0.0047	UJ	0.0047
4-MoCB	PCB-003	2051-62-9	0.0081	0.0081	UJ	0.0081
2,6-DiCB	PCB-010	33146-45-1	0.0072	0.0072	UJ	0.0072
2,2'-DiCB	PCB-004	13029-08-8	0.0053	0.0053	UJ	0.0053
2,5-DiCB	PCB-009	34883-39-1	0.0074	0.0074	UJ	0.0074
2,4-DiCB	PCB-007	33284-50-3	0.0061	0.0061	UJ	0.0061
2,3'-DiCB	PCB-006	25569-80-6	0.0071	0.0071	UJ	0.0071
2,3/2,4'-DiCB	PCB-005/008		0.0027	0.0027	UJ	0.0027
3,5-DiCB	PCB-014	34883-41-5	0.0032	0.0032	UJ	0.0032
3,3'-DiCB	PCB-011	2050-67-1	0.0258	0.0032	J	0.0032
3,4/3,4'-DiCB	PCB-012/013		0.0031	0.0031	UJ	0.0031
4,4'-DiCB	PCB-015	2050-68-2	0.0044	0.0044	UJ	0.0044
2,2',6-TrCB	PCB-019	38444-73-4	0.0019	0.0019	UJ	0.0019
2,4,6-TrCB	PCB-030	35693-92-6	0.0017	0.0017	UJ	0.0017
2,2',5-TrCB	PCB-018	37680-65-2	0.0021	0.0021	UJ	0.0021
2,2',4-TrCB	PCB-017	37680-66-3	0.0024	0.0024	UJ	0.0024
2,3,6-TrCB	PCB-024	55702-45-9	0.002	0.002	UJ	0.002
2,3',6-TrCB	PCB-027	38444-76-7	0.0013	0.0013	UJ	0.0013
2,4',6-TrCB	PCB-032	38444-77-8	0.0018	0.0018	UJ	0.0018
2,2',3-TrCB	PCB-016	38444-78-9	0.0029	0.0029	UJ	0.0029
2,3,5-TrCB	PCB-023	55720-44-0	0.0022	0.0022	UJ	0.0022
2,3',5'-TrCB	PCB-034	37680-68-5	0.0024	0.0024	UJ	0.0024
2,4,5-TrCB	PCB-029	15862-07-4	0.0016	0.0016	UJ	0.0016
2,3',5-TrCB	PCB-026	38444-81-4	0.0018	0.0018	UJ	0.0018
2,3',4-TrCB	PCB-025	55712-37-3	0.002	0.002	UJ	0.002
2,4',5-TrCB	PCB-031	16606-02-3	0.0016	0.0016	UJ	0.0016
2,4,4'-TrCB	PCB-028	7012-37-5	0.0035	0.0021	BJ	0.0021
2,3,4-TrCB	PCB-021	55702-46-0	0.0029	0.0029	UJ	0.0029
	PCB-020/033		0.0049	0.0023	J	0.0023
2,3,4'-TrCB	PCB-022	38444-85-8	0.0028	0.0028	UJ	0.0028
3,3',5-TrCB	PCB-036	38444-87-0	0.0024	0.0024	UJ	0.0024
3,4',5-TrCB	PCB-039	38444-88-1	0.0025	0.0025	UJ	0.0025
3,4,5-TrCB	PCB-038	53555-66-1	0.0029	0.0029	UJ	0.0029
3,3',4-TrCB	PCB-035	37680-69-6	0.0052	0.0029	NJ	0.0029
3,4,4'-TrCB	PCB-037	38444-90-5	0.0098	0.0098	UJ	0.0098
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0018	0.0018	UJ	0.0018
2,2',4,6-TeCB	PCB-050	62796-65-0	0.108	0.0037		0.0037
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.547	0.004		0.004
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0039	0.0039	UJ	0.0039
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0041	0.0041	UJ	0.0041
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.005	0.005	UJ	0.005
	PCB-052/069		0.0492	0.0035		0.0035
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0028	0.0028	UJ	0.0028
	PCB-043/049		0.0041	0.0041	UJ	0.0041
	PCB-065/075		0.0032	0.0027	NJ	0.0027
	PCB-047/048		0.004	0.004	UJ	0.004
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0034	0.0034	UJ	0.0034
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0051	0.0051	UJ	0.0051
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0812	0.0033		0.0033
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0044	0.0044	UJ	0.0044

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (008-091814-0925)	Date Extracted:	10/16/2014
Field ID:	#14-14787 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142515	HRMS File:	FS10281415 FS10301414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0032	0.0032	UJ	0.0032
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0026	0.0026	UJ	0.0026
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0045	0.0045	UJ	0.0045
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0029	0.0029	UJ	0.0029
	PCB-040/057		0.0039	0.0039	UJ	0.0039
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0035	0.0035	UJ	0.0035
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0033	0.0033	UJ	0.0033
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0029	0.0029	UJ	0.0029
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0037	0.0037	UJ	0.0037
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0897	0.0031		0.0031
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0039	0.0039	UJ	0.0039
	PCB-055/080		0.0033	0.0033	UJ	0.0033
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0027	0.0027	UJ	0.0027
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0033	0.0033	UJ	0.0033
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.042	0.0038	N	0.0038
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0036	0.0036	UJ	0.0036
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0035	0.0035	UJ	0.0035
3,3',4,5-TeCB	PCB-078	70362-49-1	0.38	0.0036		0.0036
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0037	0.0037	UJ	0.0037
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0035	0.0035	UJ	0.0035
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0014	0.0014	UJ	0.0014
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0011	0.0011	UJ	0.0011
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0013	0.0013	UJ	0.0013
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0015	0.0015	UJ	0.0015
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0018	0.0018	UJ	0.0018
	PCB-093/098/102		0.0017	0.0017	UJ	0.0017
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0069	0.0014	J	0.0014
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0016	0.0016	UJ	0.0016
	PCB-091/121		0.0013	0.0013	UJ	0.0013
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0016	0.0016	UJ	0.0016
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0018	0.0018	UJ	0.0018
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0016	0.0016	UJ	0.0016
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0019	0.0018	J	0.0018
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0028	0.0016	NJ	0.0016
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0013	0.0013	UJ	0.0013
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0014	0.0014	UJ	0.0014
	PCB-112/119		0.0012	0.0012	UJ	0.0012
	PCB-083/109		0.0015	0.0015	UJ	0.0015
	PCB-086/117		0.0015	0.0015	UJ	0.0015
	PCB-097/116		0.0016	0.0016	UJ	0.0016
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0013	0.0013	UJ	0.0013
	PCB-087/115		0.0015	0.0015	UJ	0.0015
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0013	0.0013	UJ	0.0013
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0016	0.0016	UJ	0.0016
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0012	0.0012	UJ	0.0012
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0031	0.0013	BJ	0.0013
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.002	0.002	UJ	0.002
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0018	0.0018	UJ	0.0018
	PCB-107/108		0.002	0.002	UJ	0.002
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0018	0.0018	UJ	0.0018
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0018	0.0018	UJ	0.0018

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (008-091814-0925)	Date Extracted:	10/16/2014
Field ID:	#14-14787 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142515	HRMS File:	FS10281415 FS10301414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0019	0.0018	BJ	0.0018
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0018	0.0018	UJ	0.0018
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0019	0.0019	UJ	0.0019
	PCB-105/127		0.002	0.002	UJ	0.002
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.003	0.003	UJ	0.003
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0015	0.0015	UJ	0.0015
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0009	0.0009	UJ	0.0009
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0008	0.0008	UJ	0.0008
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0009	0.0009	UJ	0.0009
	PCB-136/148		0.0016	0.001	J	0.001
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.001	0.001	UJ	0.001
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0014	0.0014	UJ	0.0014
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0011	0.0011	UJ	0.0011
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0016	0.0016	UJ	0.0016
	PCB-139/149		0.005	0.0012	BJ	0.0012
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0017	0.0017	UJ	0.0017
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0018	0.0018	UJ	0.0018
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0024	0.0024	UJ	0.0024
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0019	0.0019	UJ	0.0019
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0023	0.0023	UJ	0.0023
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0017	0.0017	UJ	0.0017
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0017	0.0017	UJ	0.0017
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0014	0.0014	UJ	0.0014
	PCB-132/161		0.0035	0.0016	J	0.0016
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0027	0.0015	NJ	0.0015
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0019	0.0019	UJ	0.0019
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.002	0.002	UJ	0.002
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0021	0.0021	UJ	0.0021
	PCB-163/164		0.0024	0.0015	J	0.0015
	PCB-138/160		0.0072	0.0017	J	0.0017
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0017	0.0017	UJ	0.0017
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0014	0.0014	UJ	0.0014
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0013	0.0013	UJ	0.0013
	PCB-128/162		0.0017	0.0017	UJ	0.0017
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0014	0.0014	UJ	0.0014
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0019	0.0019	UJ	0.0019
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0019	0.0019	UJ	0.0019
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0222	0.0011	J	0.0011
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0012	0.0012	UJ	0.0012
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0013	0.0013	UJ	0.0013
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0016	0.0016	UJ	0.0016
	PCB-182/187		0.0014	0.0014	UJ	0.0014
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0156	0.0015	NJ	0.0015
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0036	0.0017	NJ	0.0017

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (008-091814-0925)	Date Extracted:	10/16/2014
Field ID:	#14-14787 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142515	HRMS File:	FS10281415 FS10301414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0017	0.0017	UJ	0.0017
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0015	0.0015	UJ	0.0015
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.002	0.002	NJ	0.002
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0012	0.0012	UJ	0.0012
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0018	0.0018	UJ	0.0018
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.001	0.001	UJ	0.001
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.001	0.0009	NJ	0.0009
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0213	0.0012	NJ	0.0012
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0306	0.0013	NJ	0.0013
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.253	0.0015	N	0.0015
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0022	0.0012	NJ	0.0012
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0011	0.0011	UJ	0.0011

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.003	0.003	UJ
Dichlorobiphenyls	12	0.0258	0.0027	J
Trichlorobiphenyls	24	0.0084	0.0013	BJ
Tetrachlorobiphenyls	42	1.26	0.0018	
Pentachlorobiphenyls	46	0.0139	0.0011	BJ
Hexachlorobiphenyls	42	0.0197	0.0008	BJ
Heptachlorobiphenyls	24	0.0222	0.0011	BJ
Octachlorobiphenyls	12	0.0009	0.0009	UJ
Nonachlorobiphenyls	3	0.0012	0.0012	UJ
Decachlorobiphenyl	1	0.0011	0.0011	UJ
Total PCB		1.350	0.0008	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (008-091814-0925)	Date Extracted:	10/16/2014
Field ID:	#14-14787 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142515	HRMS File:	FS10281415 FS10301414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	21	5	145
$^{13}C_{12}$-4-MoCB	3L	19	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	35	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	70	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	37	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	57	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	54	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	84	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	85	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	61	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	78	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	89	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	80	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	81	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	91	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	58	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	72	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	79	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	84	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	75	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	50	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	122	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	44	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	91	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	69	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	73	10	145
$^{13}C_{12}$-DeCB	209L	59	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	74	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	79	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	61	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (008-091814-0925) Replicate #4	Date Extracted:	10/16/2014
Field ID:	#14-14788 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142516	HRMS File:	FS10281416 FS10301415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0052	0.003	NJ	0.003
3-MoCB	PCB-002	2051-61-8	0.0048	0.0048	UJ	0.0048
4-MoCB	PCB-003	2051-62-9	0.009	0.009	UJ	0.009
2,6-DiCB	PCB-010	33146-45-1	0.0039	0.0039	UJ	0.0039
2,2'-DiCB	PCB-004	13029-08-8	0.0136	0.0057	NJ	0.0057
2,5-DiCB	PCB-009	34883-39-1	0.0041	0.0041	UJ	0.0041
2,4-DiCB	PCB-007	33284-50-3	0.005	0.0033	NJ	0.0033
2,3'-DiCB	PCB-006	25569-80-6	0.0039	0.0039	UJ	0.0039
2,3/2,4'-DiCB	PCB-005/008		0.0058	0.0058	UJ	0.0058
3,5-DiCB	PCB-014	34883-41-5	0.0069	0.0069	UJ	0.0069
3,3'-DiCB	PCB-011	2050-67-1	0.007	0.007	UJ	0.007
3,4/3,4'-DiCB	PCB-012/013		0.0066	0.0066	UJ	0.0066
4,4'-DiCB	PCB-015	2050-68-2	0.0096	0.0096	UJ	0.0096
2,2',6-TrCB	PCB-019	38444-73-4	0.0022	0.0022	UJ	0.0022
2,4,6-TrCB	PCB-030	35693-92-6	0.0021	0.0021	UJ	0.0021
2,2',5-TrCB	PCB-018	37680-65-2	0.0077	0.0025	BJ	0.0025
2,2',4-TrCB	PCB-017	37680-66-3	0.0029	0.0029	UJ	0.0029
2,3,6-TrCB	PCB-024	55702-45-9	0.0024	0.0024	UJ	0.0024
2,3',6-TrCB	PCB-027	38444-76-7	0.0015	0.0015	UJ	0.0015
2,4',6-TrCB	PCB-032	38444-77-8	0.0021	0.0021	UJ	0.0021
2,2',3-TrCB	PCB-016	38444-78-9	0.006	0.0035	J	0.0035
2,3,5-TrCB	PCB-023	55720-44-0	0.0026	0.0026	UJ	0.0026
2,3',5'-TrCB	PCB-034	37680-68-5	0.0028	0.0028	UJ	0.0028
2,4,5-TrCB	PCB-029	15862-07-4	0.002	0.002	UJ	0.002
2,3',5-TrCB	PCB-026	38444-81-4	0.0022	0.0022	UJ	0.0022
2,3',4-TrCB	PCB-025	55712-37-3	0.0025	0.0025	UJ	0.0025
2,4',5-TrCB	PCB-031	16606-02-3	0.0019	0.0019	UJ	0.0019
2,4,4'-TrCB	PCB-028	7012-37-5	0.0079	0.0026	BJ	0.0026
2,3,4-TrCB	PCB-021	55702-46-0	0.0035	0.0035	UJ	0.0035
	PCB-020/033		0.0028	0.0028	UJ	0.0028
2,3,4'-TrCB	PCB-022	38444-85-8	0.0047	0.0034	NJ	0.0034
3,3',5-TrCB	PCB-036	38444-87-0	0.0029	0.0029	UJ	0.0029
3,4',5-TrCB	PCB-039	38444-88-1	0.003	0.003	UJ	0.003
3,4,5-TrCB	PCB-038	53555-66-1	0.0035	0.0035	UJ	0.0035
3,3',4-TrCB	PCB-035	37680-69-6	0.0035	0.0035	UJ	0.0035
3,4,4'-TrCB	PCB-037	38444-90-5	0.015	0.015	UJ	0.015
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0028	0.0028	UJ	0.0028
2,2',4,6-TeCB	PCB-050	62796-65-0	0.195	0.0058		0.0058
2,2',5,6'-TeCB	PCB-053	41464-41-9	1.15	0.0061	N	0.0061
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.006	0.006	UJ	0.006
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0063	0.0063	UJ	0.0063
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0078	0.0078	UJ	0.0078
	PCB-052/069		0.0528	0.0087		0.0087
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0069	0.0069	UJ	0.0069
	PCB-043/049		0.01	0.01	UJ	0.01
	PCB-065/075		0.0067	0.0067	UJ	0.0067
	PCB-047/048		0.0098	0.0098	UJ	0.0098
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0085	0.0085	UJ	0.0085
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0124	0.0124	UJ	0.0124
2,3,3',6-TeCB	PCB-059	74472-33-6	0.483	0.0081		0.0081
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0109	0.0109	UJ	0.0109

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (008-091814-0925) Replicate #4	Date Extracted:	10/16/2014
Field ID:	#14-14788 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142516	HRMS File:	FS10281416 FS10301415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0079	0.0079	UJ	0.0079
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0063	0.0063	UJ	0.0063
2,2',3,4-TeCB	PCB-041	52663-59-9	0.094	0.011		0.011
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0071	0.0071	UJ	0.0071
	PCB-040/057		0.0096	0.0096	UJ	0.0096
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0085	0.0085	UJ	0.0085
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0081	0.0081	UJ	0.0081
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.007	0.007	UJ	0.007
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0091	0.0091	UJ	0.0091
2,4,4',5-TeCB	PCB-074	32690-93-0	0.316	0.0076		0.0076
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0097	0.0097	UJ	0.0097
	PCB-055/080		0.008	0.008	UJ	0.008
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0067	0.0067	UJ	0.0067
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0081	0.0081	UJ	0.0081
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0357	0.0094	NJ	0.0094
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0088	0.0088	UJ	0.0088
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0086	0.0086	UJ	0.0086
3,3',4,5-TeCB	PCB-078	70362-49-1	0.783	0.0088		0.0088
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0091	0.0091	UJ	0.0091
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0086	0.0086	UJ	0.0086
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0021	0.0021	UJ	0.0021
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0017	0.0017	UJ	0.0017
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.002	0.002	UJ	0.002
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0022	0.0022	UJ	0.0022
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0026	0.0026	UJ	0.0026
	PCB-093/098/102		0.0025	0.0025	UJ	0.0025
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.002	0.002	UJ	0.002
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0024	0.0024	UJ	0.0024
	PCB-091/121		0.002	0.002	UJ	0.002
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0024	0.0024	UJ	0.0024
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0027	0.0027	UJ	0.0027
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0023	0.0023	UJ	0.0023
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0027	0.0027	UJ	0.0027
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0063	0.0023	BJ	0.0023
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0027	0.002	NJ	0.002
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0034	0.0022	J	0.0022
	PCB-112/119		0.0018	0.0018	UJ	0.0018
	PCB-083/109		0.0023	0.0023	UJ	0.0023
	PCB-086/117		0.0022	0.0022	UJ	0.0022
	PCB-097/116		0.0024	0.0024	UJ	0.0024
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0019	0.0019	UJ	0.0019
	PCB-087/115		0.0023	0.0023	UJ	0.0023
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0019	0.0019	UJ	0.0019
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0025	0.0025	UJ	0.0025
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0018	0.0018	UJ	0.0018
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0028	0.0019	NJ	0.0019
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.003	0.003	UJ	0.003
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0026	0.0026	UJ	0.0026
	PCB-107/108		0.003	0.003	UJ	0.003
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0028	0.0028	UJ	0.0028
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0027	0.0027	UJ	0.0027

DATA REPORT

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Field ID:	#14-14788 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142516	HRMS File:	FS10281416 FS10301415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0027	0.0027	UJ	0.0027
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0025	0.0025	UJ	0.0025
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0028	0.0028	UJ	0.0028
	PCB-105/127		0.0028	0.0028	UJ	0.0028
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0036	0.0036	UJ	0.0036
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0023	0.0023	UJ	0.0023
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0012	0.0012	UJ	0.0012
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0022	0.0011	NJ	0.0011
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0012	0.0012	UJ	0.0012
	PCB-136/148		0.0013	0.0013	UJ	0.0013
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0014	0.0014	UJ	0.0014
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0016	0.0016	UJ	0.0016
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0018	0.0018	UJ	0.0018
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0014	0.0014	UJ	0.0014
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0022	0.0022	UJ	0.0022
	PCB-139/149		0.0052	0.0016	BJ	0.0016
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0022	0.0022	UJ	0.0022
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0024	0.0024	UJ	0.0024
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0031	0.0031	UJ	0.0031
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0025	0.0025	UJ	0.0025
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.003	0.003	UJ	0.003
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0023	0.0023	UJ	0.0023
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0023	0.0023	UJ	0.0023
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0019	0.0019	UJ	0.0019
	PCB-132/161		0.0022	0.0021	NJ	0.0021
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0064	0.002	BJ	0.002
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0022	0.0022	UJ	0.0022
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0025	0.0025	UJ	0.0025
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0026	0.0026	UJ	0.0026
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0028	0.0028	UJ	0.0028
	PCB-163/164		0.0021	0.0021	UJ	0.0021
	PCB-138/160		0.0119	0.0023	J	0.0023
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0022	0.0022	UJ	0.0022
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0018	0.0018	UJ	0.0018
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0018	0.0018	UJ	0.0018
	PCB-128/162		0.0055	0.0023	BJ	0.0023
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0017	0.0017	UJ	0.0017
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0017	0.0017	UJ	0.0017
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0017	0.0017	UJ	0.0017
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0023	0.0023	UJ	0.0023
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0036	0.0036	UJ	0.0036
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.002	0.002	UJ	0.002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0072	0.0019	J	0.0019
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0021	0.0021	UJ	0.0021
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.731	0.0022	N	0.0022
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0028	0.0028	UJ	0.0028
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0027	0.0027	UJ	0.0027
	PCB-182/187		0.0024	0.0024	UJ	0.0024
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0893	0.0025	N	0.0025
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0862	0.0028	N	0.0028

DATA REPORT

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Field ID:	#14-14788 (Liquids - not oil)	Date Analysed:	10/29/2014 10/31/2014
PRL ID:	PR142516	HRMS File:	FS10281416 FS10301415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0029	0.0029	UJ	0.0029
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0848	0.0028	N	0.0028
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0027	0.0027	UJ	0.0027
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0028	0.0028	UJ	0.0028
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0026	0.0026	UJ	0.0026
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0029	0.0029	UJ	0.0029
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0025	0.0025	UJ	0.0025
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0034	0.0034	UJ	0.0034
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0021	0.0021	UJ	0.0021
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.003	0.003	UJ	0.003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.002	0.002	UJ	0.002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0018	0.0018	UJ	0.0018
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0019	0.0019	UJ	0.0019
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0036	0.0012	NJ	0.0012
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.272	0.0016	N	0.0016
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0016	0.0016	UJ	0.0016
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	3.02	0.002	N	0.002
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0018	0.0018	UJ	0.0018
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0076	0.0014	NJ	0.0014

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.003	0.003	UJ
Dichlorobiphenyls	12	0.0033	0.0033	UJ
Trichlorobiphenyls	24	0.0216	0.0015	BJ
Tetrachlorobiphenyls	42	1.92	0.0028	
Pentachlorobiphenyls	46	0.0097	0.0017	BJ
Hexachlorobiphenyls	42	0.029	0.0011	BJ
Heptachlorobiphenyls	24	0.0072	0.0018	BJ
Octachlorobiphenyls	12	0.0012	0.0012	UJ
Nonachlorobiphenyls	3	0.0015	0.0015	UJ
Decachlorobiphenyl	1	0.0014	0.0014	UJ
Total PCB		1.990	0.0011	

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PRL ID:	PR142516	HRMS File:	FS10281416 FS10301415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	21	5	145
$^{13}C_{12}$-4-MoCB	3L	20	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	32	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	46	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	31	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	47	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	41	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	50	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	58	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	47	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	56	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	63	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	58	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	61	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	73	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	43	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	54	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	57	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	60	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	66	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	36	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	86	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	33	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	63	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	48	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	54	10	145
$^{13}C_{12}$-DeCB	209L	40	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	54	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	56	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	43	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (025-091814-1006)	Date Extracted:	10/16/2014
Field ID:	#14-14790 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142518	HRMS File:	FS10291403

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0031	0.0031	UJ	0.0031
3-MoCB	PCB-002	2051-61-8	0.0068	0.0047	J	0.0047
4-MoCB	PCB-003	2051-62-9	0.0071	0.0071	UJ	0.0071
2,6-DiCB	PCB-010	33146-45-1	0.0024	0.0024	UJ	0.0024
2,2'-DiCB	PCB-004	13029-08-8	0.0031	0.0031	UJ	0.0031
2,5-DiCB	PCB-009	34883-39-1	0.0025	0.0025	UJ	0.0025
2,4-DiCB	PCB-007	33284-50-3	0.002	0.002	UJ	0.002
2,3'-DiCB	PCB-006	25569-80-6	0.0024	0.0024	UJ	0.0024
2,3/2,4'-DiCB	PCB-005/008		0.0022	0.0022	UJ	0.0022
3,5-DiCB	PCB-014	34883-41-5	0.0027	0.0027	UJ	0.0027
3,3'-DiCB	PCB-011	2050-67-1	0.0527	0.0027		0.0027
3,4/3,4'-DiCB	PCB-012/013		0.0026	0.0026	UJ	0.0026
4,4'-DiCB	PCB-015	2050-68-2	0.0043	0.0043	UJ	0.0043
2,2',6-TrCB	PCB-019	38444-73-4	0.0017	0.0017	UJ	0.0017
2,4,6-TrCB	PCB-030	35693-92-6	0.0014	0.0014	UJ	0.0014
2,2',5-TrCB	PCB-018	37680-65-2	0.0058	0.0017	BJ	0.0017
2,2',4-TrCB	PCB-017	37680-66-3	0.0022	0.002	NJ	0.002
2,3,6-TrCB	PCB-024	55702-45-9	0.0016	0.0016	UJ	0.0016
2,3',6-TrCB	PCB-027	38444-76-7	0.001	0.001	UJ	0.001
2,4',6-TrCB	PCB-032	38444-77-8	0.0014	0.0014	UJ	0.0014
2,2',3-TrCB	PCB-016	38444-78-9	0.0023	0.0023	UJ	0.0023
2,3,5-TrCB	PCB-023	55720-44-0	0.0018	0.0018	UJ	0.0018
2,3',5'-TrCB	PCB-034	37680-68-5	0.0019	0.0019	UJ	0.0019
2,4,5-TrCB	PCB-029	15862-07-4	0.0013	0.0013	UJ	0.0013
2,3',5-TrCB	PCB-026	38444-81-4	0.0015	0.0015	UJ	0.0015
2,3',4-TrCB	PCB-025	55712-37-3	0.0017	0.0017	UJ	0.0017
2,4',5-TrCB	PCB-031	16606-02-3	0.0068	0.0013	J	0.0013
2,4,4'-TrCB	PCB-028	7012-37-5	0.0039	0.0017	BJ	0.0017
2,3,4-TrCB	PCB-021	55702-46-0	0.0023	0.0023	UJ	0.0023
	PCB-020/033		0.0043	0.0019	J	0.0019
2,3,4'-TrCB	PCB-022	38444-85-8	0.0023	0.0023	UJ	0.0023
3,3',5-TrCB	PCB-036	38444-87-0	0.0019	0.0019	UJ	0.0019
3,4',5-TrCB	PCB-039	38444-88-1	0.002	0.002	UJ	0.002
3,4,5-TrCB	PCB-038	53555-66-1	0.0023	0.0023	UJ	0.0023
3,3',4-TrCB	PCB-035	37680-69-6	0.0023	0.0023	UJ	0.0023
3,4,4'-TrCB	PCB-037	38444-90-5	0.0054	0.0054	UJ	0.0054
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0012	0.0012	UJ	0.0012
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0027	0.0027	UJ	0.0027
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0028	0.0028	UJ	0.0028
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0039	0.0028	J	0.0028
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0029	0.0029	UJ	0.0029
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0036	0.0036	UJ	0.0036
	PCB-052/069		0.013	0.0025	BJ	0.0025
2,3',5',6-TeCB	PCB-073	74338-23-1	0.002	0.002	UJ	0.002
	PCB-043/049		0.0029	0.0029	UJ	0.0029
	PCB-065/075		0.002	0.002	UJ	0.002
	PCB-047/048		0.0029	0.0029	UJ	0.0029
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0025	0.0025	UJ	0.0025
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0038	0.0036	NJ	0.0036
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0024	0.0024	UJ	0.0024
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0032	0.0032	UJ	0.0032

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (025-091814-1006)	Date Extracted:	10/16/2014
Field ID:	#14-14790 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142518	HRMS File:	FS10291403

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0023	0.0023	UJ	0.0023
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0019	0.0019	UJ	0.0019
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0032	0.0032	UJ	0.0032
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0021	0.0021	UJ	0.0021
	PCB-040/057		0.0028	0.0028	UJ	0.0028
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0025	0.0025	UJ	0.0025
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0024	0.0024	UJ	0.0024
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0051	0.0021	J	0.0021
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0027	0.0027	UJ	0.0027
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0022	0.0022	UJ	0.0022
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0028	0.0028	UJ	0.0028
	PCB-055/080		0.0023	0.0023	UJ	0.0023
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.002	0.002	UJ	0.002
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0024	0.0024	UJ	0.0024
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0028	0.0028	UJ	0.0028
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0026	0.0026	UJ	0.0026
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0025	0.0025	UJ	0.0025
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0026	0.0026	UJ	0.0026
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0069	0.0069	UJ	0.0069
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0074	0.0074	UJ	0.0074
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0015	0.0015	UJ	0.0015
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0017	0.0017	UJ	0.0017
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.002	0.002	UJ	0.002
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0023	0.0023	UJ	0.0023
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0026	0.0026	UJ	0.0026
	PCB-093/098/102		0.0025	0.0025	UJ	0.0025
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.002	0.002	UJ	0.002
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0024	0.0024	UJ	0.0024
	PCB-091/121		0.0033	0.002	NJ	0.002
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0024	0.0024	UJ	0.0024
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0028	0.0028	UJ	0.0028
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0024	0.0024	UJ	0.0024
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0027	0.0027	UJ	0.0027
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0023	0.0023	UJ	0.0023
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.002	0.002	UJ	0.002
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0022	0.0022	UJ	0.0022
	PCB-112/119		0.0018	0.0018	UJ	0.0018
	PCB-083/109		0.0023	0.0023	UJ	0.0023
	PCB-086/117		0.0022	0.0022	UJ	0.0022
	PCB-097/116		0.0024	0.0024	UJ	0.0024
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0019	0.0019	UJ	0.0019
	PCB-087/115		0.0023	0.0023	UJ	0.0023
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0019	0.0019	UJ	0.0019
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0025	0.0025	UJ	0.0025
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0018	0.0018	UJ	0.0018
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0076	0.0019	BJ	0.0019
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.003	0.003	UJ	0.003
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0042	0.0042	UJ	0.0042
	PCB-107/108		0.0031	0.0031	UJ	0.0031
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.003	0.003	UJ	0.003
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0028	0.0028	UJ	0.0028

DATA REPORT

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Client ID:	PCB Product Sample (025-091814-1006)	Date Extracted:	10/16/2014
Field ID:	#14-14790 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142518	HRMS File:	FS10291403

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0028	0.0028	UJ	0.0028
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0037	0.0037	UJ	0.0037
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0028	0.0028	UJ	0.0028
	PCB-105/127		0.0093	0.0033	NJ	0.0033
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.007	0.007	UJ	0.007
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0022	0.0022	UJ	0.0022
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0024	0.0024	UJ	0.0024
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0022	0.0022	UJ	0.0022
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0024	0.0024	UJ	0.0024
	PCB-136/148		0.0025	0.0025	UJ	0.0025
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0027	0.0027	UJ	0.0027
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0031	0.0031	UJ	0.0031
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0036	0.0036	NJ	0.0036
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0028	0.0028	UJ	0.0028
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0043	0.0043	UJ	0.0043
	PCB-139/149		0.0032	0.0032	UJ	0.0032
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0043	0.0043	UJ	0.0043
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0048	0.0048	UJ	0.0048
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0061	0.0061	UJ	0.0061
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0049	0.0049	UJ	0.0049
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0059	0.0059	UJ	0.0059
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0046	0.0046	UJ	0.0046
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0045	0.0045	UJ	0.0045
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0037	0.0037	UJ	0.0037
	PCB-132/161		0.0057	0.0041	J	0.0041
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0159	0.004	BJ	0.004
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0043	0.0043	UJ	0.0043
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.005	0.005	UJ	0.005
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0052	0.0052	UJ	0.0052
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0054	0.0054	UJ	0.0054
	PCB-163/164		0.004	0.004	UJ	0.004
	PCB-138/160		0.0044	0.0044	UJ	0.0044
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0035	0.0035	UJ	0.0035
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.011	0.0044	NJ	0.0044
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0036	0.0036	UJ	0.0036
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0035	0.0035	UJ	0.0035
	PCB-128/162		0.0044	0.0044	UJ	0.0044
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0035	0.0035	UJ	0.0035
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0087	0.0043	BJ	0.0043
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0036	0.0036	UJ	0.0036
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.009	0.009	UJ	0.009
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0021	0.0021	UJ	0.0021
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0021	0.0021	UJ	0.0021
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.002	0.002	UJ	0.002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0022	0.0022	UJ	0.0022
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0024	0.0024	UJ	0.0024
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.003	0.003	UJ	0.003
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0029	0.0029	UJ	0.0029
	PCB-182/187		0.0026	0.0026	UJ	0.0026
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0027	0.0027	UJ	0.0027
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.003	0.003	UJ	0.003

DATA REPORT

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PRL ID:	PR142518	HRMS File:	FS10291403

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0031	0.0031	UJ	0.0031
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.003	0.003	UJ	0.003
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0029	0.0029	UJ	0.0029
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.003	0.003	UJ	0.003
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0028	0.0028	UJ	0.0028
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0031	0.0031	UJ	0.0031
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0027	0.0027	UJ	0.0027
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0036	0.0036	UJ	0.0036
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0022	0.0022	UJ	0.0022
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0023	0.0023	UJ	0.0023
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0032	0.0032	UJ	0.0032
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0021	0.0021	UJ	0.0021
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0036	0.0036	UJ	0.0036
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0028	0.0028	UJ	0.0028
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0027	0.0027	UJ	0.0027
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0027	0.0027	UJ	0.0027
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0029	0.0029	UJ	0.0029
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0029	0.0029	UJ	0.0029
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0038	0.0038	UJ	0.0038
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0041	0.0041	UJ	0.0041
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0037	0.0037	UJ	0.0037
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0038	0.0038	UJ	0.0038
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0046	0.0046	UJ	0.0046
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0041	0.0041	UJ	0.0041
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0043	0.0043	UJ	0.0043
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0044	0.0044	UJ	0.0044
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0047	0.0047	UJ	0.0047
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.007	0.007	UJ	0.007
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0048	0.0048	UJ	0.0048

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0068	0.0031	J
Dichlorobiphenyls	12	0.0527	0.002	
Trichlorobiphenyls	24	0.0208	0.001	BJ
Tetrachlorobiphenyls	42	0.022	0.0012	BJ
Pentachlorobiphenyls	46	0.0076	0.0015	BJ
Hexachlorobiphenyls	42	0.0303	0.0022	BJ
Heptachlorobiphenyls	24	0.002	0.002	UJ
Octachlorobiphenyls	12	0.0027	0.0027	UJ
Nonachlorobiphenyls	3	0.0044	0.0044	UJ
Decachlorobiphenyl	1	0.0048	0.0048	UJ
Total PCB		0.140	0.001	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (025-091814-1006)	Date Extracted:	10/16/2014
Field ID:	#14-14790 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142518	HRMS File:	FS10291403

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	25	5	145
$^{13}C_{12}$-4-MoCB	3L	16	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	48	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	74	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	43	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	96	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	67	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	69	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	55	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	74	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	91	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	100	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	82	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	94	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	74	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	62	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	57	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	65	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	48	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	60	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	136	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	38	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	77	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	91	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	55	10	145
$^{13}C_{12}$-DeCB	209L	44	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	96	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	70	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	58	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (022-092914-1245)	Date Extracted:	10/16/2014
Field ID:	#14-14791 (Liquids - not oils)	Date Analysed:	10/29/2014
PRL ID:	PR142519	HRMS File:	FS10291404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0032	0.0032	UJ	0.0032
3-MoCB	PCB-002	2051-61-8	0.005	0.005	UJ	0.005
4-MoCB	PCB-003	2051-62-9	0.0086	0.0086	UJ	0.0086
2,6-DiCB	PCB-010	33146-45-1	0.0033	0.0033	UJ	0.0033
2,2'-DiCB	PCB-004	13029-08-8	0.0036	0.0036	UJ	0.0036
2,5-DiCB	PCB-009	34883-39-1	0.0034	0.0034	UJ	0.0034
2,4-DiCB	PCB-007	33284-50-3	0.0028	0.0028	UJ	0.0028
2,3'-DiCB	PCB-006	25569-80-6	0.0033	0.0033	UJ	0.0033
2,3/2,4'-DiCB	PCB-005/008		0.003	0.003	UJ	0.003
3,5-DiCB	PCB-014	34883-41-5	0.0056	0.0037	NJ	0.0037
3,3'-DiCB	PCB-011	2050-67-1	0.0037	0.0037	UJ	0.0037
3,4/3,4'-DiCB	PCB-012/013		0.0035	0.0035	UJ	0.0035
4,4'-DiCB	PCB-015	2050-68-2	0.0078	0.0078	UJ	0.0078
2,2',6-TrCB	PCB-019	38444-73-4	0.0015	0.0015	UJ	0.0015
2,4,6-TrCB	PCB-030	35693-92-6	0.0013	0.0013	UJ	0.0013
2,2',5-TrCB	PCB-018	37680-65-2	0.0015	0.0014	NJ	0.0014
2,2',4-TrCB	PCB-017	37680-66-3	0.0018	0.0018	UJ	0.0018
2,3,6-TrCB	PCB-024	55702-45-9	0.0015	0.0015	UJ	0.0015
2,3',6-TrCB	PCB-027	38444-76-7	0.0009	0.0009	UJ	0.0009
2,4',6-TrCB	PCB-032	38444-77-8	0.0016	0.0013	J	0.0013
2,2',3-TrCB	PCB-016	38444-78-9	0.0021	0.0021	UJ	0.0021
2,3,5-TrCB	PCB-023	55720-44-0	0.0015	0.0015	UJ	0.0015
2,3',5'-TrCB	PCB-034	37680-68-5	0.0017	0.0017	UJ	0.0017
2,4,5-TrCB	PCB-029	15862-07-4	0.0011	0.0011	UJ	0.0011
2,3',5-TrCB	PCB-026	38444-81-4	0.0013	0.0013	UJ	0.0013
2,3',4-TrCB	PCB-025	55712-37-3	0.0014	0.0014	UJ	0.0014
2,4',5-TrCB	PCB-031	16606-02-3	0.003	0.0011	J	0.0011
2,4,4'-TrCB	PCB-028	7012-37-5	0.0016	0.0016	UJ	0.0016
2,3,4-TrCB	PCB-021	55702-46-0	0.0021	0.0021	UJ	0.0021
	PCB-020/033		0.0026	0.0017	NJ	0.0017
2,3,4'-TrCB	PCB-022	38444-85-8	0.0021	0.0021	UJ	0.0021
3,3',5-TrCB	PCB-036	38444-87-0	0.0018	0.0018	UJ	0.0018
3,4',5-TrCB	PCB-039	38444-88-1	0.0019	0.0019	UJ	0.0019
3,4,5-TrCB	PCB-038	53555-66-1	0.0021	0.0021	UJ	0.0021
3,3',4-TrCB	PCB-035	37680-69-6	0.0021	0.0021	UJ	0.0021
3,4,4'-TrCB	PCB-037	38444-90-5	0.0061	0.0061	UJ	0.0061
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0008	0.0008	UJ	0.0008
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0017	0.0017	UJ	0.0017
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0018	0.0018	UJ	0.0018
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.003	0.0018	NJ	0.0018
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0019	0.0019	UJ	0.0019
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0023	0.0023	UJ	0.0023
	PCB-052/069		0.0102	0.0016	BJ	0.0016
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0013	0.0013	UJ	0.0013
	PCB-043/049		0.0019	0.0019	UJ	0.0019
	PCB-065/075		0.0013	0.0013	UJ	0.0013
	PCB-047/048		0.0019	0.0019	UJ	0.0019
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0016	0.0016	UJ	0.0016
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0024	0.0024	NJ	0.0024
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0015	0.0015	UJ	0.0015
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0021	0.0021	UJ	0.0021

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (022-092914-1245)	Date Extracted:	10/16/2014
Field ID:	#14-14791 (Liquids - not oils)	Date Analysed:	10/29/2014
PRL ID:	PR142519	HRMS File:	FS10291404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0015	0.0015	UJ	0.0015
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0012	0.0012	UJ	0.0012
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0021	0.0021	UJ	0.0021
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0014	0.0014	UJ	0.0014
	PCB-040/057		0.0018	0.0018	UJ	0.0018
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0016	0.0016	UJ	0.0016
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0015	0.0015	UJ	0.0015
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0013	0.0013	UJ	0.0013
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0017	0.0017	UJ	0.0017
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0014	0.0014	UJ	0.0014
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0018	0.0018	UJ	0.0018
	PCB-055/080		0.0015	0.0015	UJ	0.0015
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0013	0.0013	UJ	0.0013
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0015	0.0015	UJ	0.0015
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0018	0.0018	UJ	0.0018
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0017	0.0017	UJ	0.0017
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0016	0.0016	UJ	0.0016
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0017	0.0017	UJ	0.0017
3,4,4',5-TeCB	PCB-081	70362-50-4	0.004	0.004	UJ	0.004
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0042	0.0042	UJ	0.0042
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0012	0.0012	UJ	0.0012
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.001	0.001	UJ	0.001
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0012	0.0012	UJ	0.0012
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0013	0.0013	UJ	0.0013
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0015	0.0015	UJ	0.0015
	PCB-093/098/102		0.0015	0.0015	UJ	0.0015
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0086	0.0012	J	0.0012
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0014	0.0014	UJ	0.0014
	PCB-091/121		0.0012	0.0012	UJ	0.0012
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0022	0.0014	J	0.0014
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0016	0.0016	UJ	0.0016
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0014	0.0014	UJ	0.0014
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0016	0.0016	UJ	0.0016
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0073	0.0014	BJ	0.0014
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0011	0.0011	UJ	0.0011
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.002	0.0013	J	0.0013
	PCB-112/119		0.001	0.001	UJ	0.001
	PCB-083/109		0.0013	0.0013	UJ	0.0013
	PCB-086/117		0.0013	0.0013	UJ	0.0013
	PCB-097/116		0.0044	0.0014	NJ	0.0014
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0011	0.0011	UJ	0.0011
	PCB-087/115		0.0023	0.0013	NJ	0.0013
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0011	0.0011	UJ	0.0011
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0017	0.0014	NJ	0.0014
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0018	0.0011	NJ	0.0011
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0199	0.0011	BJ	0.0011
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0018	0.0018	UJ	0.0018
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0018	0.0018	UJ	0.0018
	PCB-107/108		0.0018	0.0018	UJ	0.0018
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0016	0.0016	UJ	0.0016
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0016	0.0016	UJ	0.0016

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (022-092914-1245)	Date Extracted:	10/16/2014
Field ID:	#14-14791 (Liquids - not oils)	Date Analysed:	10/29/2014
PRL ID:	PR142519	HRMS File:	FS10291404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0061	0.0016	BJ	0.0016
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0016	0.0016	UJ	0.0016
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0017	0.0017	UJ	0.0017
	PCB-105/127		0.0095	0.0017	J	0.0017
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.003	0.003	UJ	0.003
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0013	0.0013	UJ	0.0013
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0009	0.0009	NJ	0.0009
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0009	0.0009	UJ	0.0009
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.001	0.001	UJ	0.001
	PCB-136/148		0.0013	0.001	J	0.001
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0011	0.0011	UJ	0.0011
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0014	0.0014	UJ	0.0014
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0011	0.0011	UJ	0.0011
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0017	0.0017	UJ	0.0017
	PCB-139/149		0.0137	0.0013	BJ	0.0013
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0017	0.0017	UJ	0.0017
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0019	0.0019	UJ	0.0019
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0024	0.0024	UJ	0.0024
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.002	0.002	UJ	0.002
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0024	0.0024	UJ	0.0024
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0018	0.0018	UJ	0.0018
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0018	0.0018	UJ	0.0018
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0015	0.0015	UJ	0.0015
	PCB-132/161		0.0122	0.0016	J	0.0016
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.017	0.0016	BJ	0.0016
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.002	0.002	UJ	0.002
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0031	0.0022	J	0.0022
	PCB-163/164		0.0067	0.0016	J	0.0016
	PCB-138/160		0.0218	0.0018	J	0.0018
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0018	0.0018	UJ	0.0018
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0014	0.0014	UJ	0.0014
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0014	0.0014	UJ	0.0014
	PCB-128/162		0.0035	0.0018	NJ	0.0018
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0013	0.0013	UJ	0.0013
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0014	0.0014	UJ	0.0014
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0014	0.0014	UJ	0.0014
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0025	0.0025	UJ	0.0025
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0011	0.0011	UJ	0.0011
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0008	0.0008	UJ	0.0008
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0011	0.0011	UJ	0.0011
	PCB-182/187		0.0021	0.001	J	0.001
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0038	0.001	J	0.001
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0026	0.0011	NJ	0.0011

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (022-092914-1245)	Date Extracted:	10/16/2014
Field ID:	#14-14791 (Liquids - not oils)	Date Analysed:	10/29/2014
PRL ID:	PR142519	HRMS File:	FS10291404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0027	0.0012	J	0.0012
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.001	0.001	UJ	0.001
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0054	0.0014	J	0.0014
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0012	0.0012	UJ	0.0012
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0013	0.0013	NJ	0.0013
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.001	0.001	UJ	0.001
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.001	0.001	UJ	0.001
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0043	0.0014	NJ	0.0014
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0014	0.0014	UJ	0.0014
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0032	0.0011	NJ	0.0011
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0011	0.0011	UJ	0.0011

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0032	0.0032	UJ
Dichlorobiphenyls	12	0.0028	0.0028	UJ
Trichlorobiphenyls	24	0.0046	0.0009	BJ
Tetrachlorobiphenyls	42	0.0102	0.0008	BJ
Pentachlorobiphenyls	46	0.056	0.001	B
Hexachlorobiphenyls	42	0.0758	0.0009	B
Heptachlorobiphenyls	24	0.014	0.0008	BJ
Octachlorobiphenyls	12	0.0009	0.0009	UJ
Nonachlorobiphenyls	3	0.0012	0.0012	UJ
Decachlorobiphenyl	1	0.0011	0.0011	UJ
Total PCB		0.161	0.0008	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (022-092914-1245)	Date Extracted:	10/16/2014
Field ID:	#14-14791 (Liquids - not oils)	Date Analysed:	10/29/2014
PRL ID:	PR142519	HRMS File:	FS10291404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	26	5	145
$^{13}C_{12}$-4-MoCB	3L	7	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	39	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	25	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	36	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	82	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	55	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	77	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	42	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	59	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	74	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	87	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	72	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	76	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	86	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	58	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	78	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	80	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	47	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	115	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	42	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	84	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	77	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	71	10	145
$^{13}C_{12}$-DeCB	209L	57	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	72	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	70	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	56	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (021-100214-1420)	Date Extracted:	10/16/2014
Field ID:	#14-14792 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142520	HRMS File:	FS10291405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0236	0.0236	UJ	0.0236
3-MoCB	PCB-002	2051-61-8	0.0305	0.0305	UJ	0.0305
4-MoCB	PCB-003	2051-62-9	0.0341	0.0341	UJ	0.0341
2,6-DiCB	PCB-010	33146-45-1	0.0163	0.0163	UJ	0.0163
2,2'-DiCB	PCB-004	13029-08-8	0.0369	0.0369	UJ	0.0369
2,5-DiCB	PCB-009	34883-39-1	0.0169	0.0169	UJ	0.0169
2,4-DiCB	PCB-007	33284-50-3	0.0138	0.0138	UJ	0.0138
2,3'-DiCB	PCB-006	25569-80-6	0.0161	0.0161	UJ	0.0161
2,3/2,4'-DiCB	PCB-005/008		0.0149	0.0149	UJ	0.0149
3,5-DiCB	PCB-014	34883-41-5	0.0179	0.0179	UJ	0.0179
3,3'-DiCB	PCB-011	2050-67-1	0.0692	0.0181		0.0181
3,4/3,4'-DiCB	PCB-012/013		0.0172	0.0172	UJ	0.0172
4,4'-DiCB	PCB-015	2050-68-2	0.0181	0.0181	UJ	0.0181
2,2',6-TrCB	PCB-019	38444-73-4	0.0118	0.0052	J	0.0052
2,4,6-TrCB	PCB-030	35693-92-6	0.0027	0.0027	UJ	0.0027
2,2',5-TrCB	PCB-018	37680-65-2	0.0036	0.0036	UJ	0.0036
2,2',4-TrCB	PCB-017	37680-66-3	0.0038	0.0038	UJ	0.0038
2,3,6-TrCB	PCB-024	55702-45-9	0.0031	0.0031	UJ	0.0031
2,3',6-TrCB	PCB-027	38444-76-7	0.0022	0.0022	UJ	0.0022
2,4',6-TrCB	PCB-032	38444-77-8	0.0044	0.0027	NJ	0.0027
2,2',3-TrCB	PCB-016	38444-78-9	0.0045	0.0045	UJ	0.0045
2,3,5-TrCB	PCB-023	55720-44-0	0.0037	0.0037	UJ	0.0037
2,3',5'-TrCB	PCB-034	37680-68-5	0.0036	0.0036	UJ	0.0036
2,4,5-TrCB	PCB-029	15862-07-4	0.0028	0.0028	UJ	0.0028
2,3',5-TrCB	PCB-026	38444-81-4	0.0032	0.0032	UJ	0.0032
2,3',4-TrCB	PCB-025	55712-37-3	0.0036	0.0036	UJ	0.0036
2,4',5-TrCB	PCB-031	16606-02-3	0.0027	0.0027	UJ	0.0027
2,4,4'-TrCB	PCB-028	7012-37-5	0.0045	0.0033	NJ	0.0033
2,3,4-TrCB	PCB-021	55702-46-0	0.0045	0.0045	UJ	0.0045
	PCB-020/033		0.0103	0.0036	NJ	0.0036
2,3,4'-TrCB	PCB-022	38444-85-8	0.0044	0.0044	UJ	0.0044
3,3',5-TrCB	PCB-036	38444-87-0	0.0037	0.0037	UJ	0.0037
3,4',5-TrCB	PCB-039	38444-88-1	0.0039	0.0039	UJ	0.0039
3,4,5-TrCB	PCB-038	53555-66-1	0.0044	0.0044	UJ	0.0044
3,3',4-TrCB	PCB-035	37680-69-6	0.0045	0.0045	UJ	0.0045
3,4,4'-TrCB	PCB-037	38444-90-5	0.0053	0.0053	UJ	0.0053
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0028	0.0028	UJ	0.0028
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0085	0.0054	NJ	0.0054
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0141	0.0057	NJ	0.0057
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0056	0.0056	UJ	0.0056
2,2',3,6-TeCB	PCB-045	70362-45-7	0.006	0.006	UJ	0.006
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0073	0.0073	UJ	0.0073
	PCB-052/069		0.0206	0.0052	BJ	0.0052
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0041	0.0041	UJ	0.0041
	PCB-043/049		0.006	0.006	UJ	0.006
	PCB-065/075		0.004	0.004	UJ	0.004
	PCB-047/048		0.0059	0.0059	UJ	0.0059
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0051	0.0051	UJ	0.0051
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0074	0.0074	UJ	0.0074
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0048	0.0048	UJ	0.0048
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0065	0.0065	UJ	0.0065

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (021-100214-1420)	Date Extracted:	10/16/2014
Field ID:	#14-14792 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142520	HRMS File:	FS10291405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0047	0.0047	UJ	0.0047
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0038	0.0038	UJ	0.0038
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0079	0.0066	NJ	0.0066
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0079	0.0043	NJ	0.0043
	PCB-040/057		0.0058	0.0058	UJ	0.0058
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0051	0.0051	UJ	0.0051
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0048	0.0048	UJ	0.0048
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0042	0.0042	UJ	0.0042
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0055	0.0055	UJ	0.0055
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0046	0.0046	UJ	0.0046
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0104	0.0058	J	0.0058
	PCB-055/080		0.0048	0.0048	UJ	0.0048
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.004	0.004	UJ	0.004
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0048	0.0048	UJ	0.0048
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0056	0.0056	UJ	0.0056
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0053	0.0053	UJ	0.0053
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0052	0.0052	UJ	0.0052
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0053	0.0053	UJ	0.0053
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0113	0.0113	UJ	0.0113
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0119	0.0119	UJ	0.0119
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0025	0.0025	UJ	0.0025
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0023	0.0023	UJ	0.0023
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0027	0.0027	UJ	0.0027
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.003	0.003	UJ	0.003
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0035	0.0035	UJ	0.0035
	PCB-093/098/102		0.0034	0.0034	UJ	0.0034
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0027	0.0027	UJ	0.0027
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0032	0.0032	UJ	0.0032
	PCB-091/121		0.0027	0.0027	UJ	0.0027
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0033	0.0033	UJ	0.0033
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0037	0.0037	UJ	0.0037
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0032	0.0032	UJ	0.0032
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0037	0.0037	UJ	0.0037
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0031	0.0031	UJ	0.0031
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0026	0.0026	UJ	0.0026
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0029	0.0029	UJ	0.0029
	PCB-112/119		0.0024	0.0024	UJ	0.0024
	PCB-083/109		0.0031	0.0031	UJ	0.0031
	PCB-086/117		0.003	0.003	NJ	0.003
	PCB-097/116		0.0032	0.0032	UJ	0.0032
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0025	0.0025	UJ	0.0025
	PCB-087/115		0.0031	0.0031	UJ	0.0031
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0026	0.0026	UJ	0.0026
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0033	0.0033	UJ	0.0033
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0025	0.0025	UJ	0.0025
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0046	0.0026	NJ	0.0026
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0041	0.0041	UJ	0.0041
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0054	0.0054	UJ	0.0054
	PCB-107/108		0.0045	0.0041	NJ	0.0041
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0035	0.0035	UJ	0.0035
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0037	0.0037	UJ	0.0037

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (021-100214-1420)	Date Extracted:	10/16/2014
Field ID:	#14-14792 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142520	HRMS File:	FS10291405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0036	0.0036	UJ	0.0036
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0048	0.0048	UJ	0.0048
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0049	0.0038	NJ	0.0038
	PCB-105/127		0.0038	0.0038	UJ	0.0038
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0083	0.0083	UJ	0.0083
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0037	0.0037	UJ	0.0037
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.003	0.003	UJ	0.003
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0028	0.0028	UJ	0.0028
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0031	0.0031	UJ	0.0031
	PCB-136/148		0.0032	0.0032	UJ	0.0032
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0035	0.0035	UJ	0.0035
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.004	0.004	UJ	0.004
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0046	0.0046	UJ	0.0046
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0035	0.0035	UJ	0.0035
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0055	0.0055	UJ	0.0055
	PCB-139/149		0.004	0.004	UJ	0.004
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0055	0.0055	UJ	0.0055
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0061	0.0061	UJ	0.0061
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0078	0.0078	UJ	0.0078
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0062	0.0062	UJ	0.0062
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0075	0.0075	UJ	0.0075
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0058	0.0058	UJ	0.0058
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0057	0.0057	UJ	0.0057
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0047	0.0047	UJ	0.0047
	PCB-132/161		0.0076	0.0052	NJ	0.0052
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0063	0.0051	NJ	0.0051
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0055	0.0055	UJ	0.0055
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0121	0.0063	NJ	0.0063
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0066	0.0066	UJ	0.0066
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0069	0.0069	UJ	0.0069
	PCB-163/164		0.0051	0.0051	UJ	0.0051
	PCB-138/160		0.0056	0.0056	UJ	0.0056
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0045	0.0045	UJ	0.0045
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0088	0.0056	NJ	0.0056
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0046	0.0046	UJ	0.0046
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0044	0.0044	UJ	0.0044
	PCB-128/162		0.0056	0.0056	UJ	0.0056
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0041	0.0041	UJ	0.0041
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0047	0.0047	UJ	0.0047
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0042	0.0042	UJ	0.0042
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0099	0.0099	UJ	0.0099
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0027	0.0027	UJ	0.0027
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0025	0.0025	UJ	0.0025
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0024	0.0024	UJ	0.0024
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0026	0.0026	UJ	0.0026
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0028	0.0028	UJ	0.0028
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0035	0.0035	UJ	0.0035
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0034	0.0034	UJ	0.0034
	PCB-182/187		0.003	0.003	UJ	0.003
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0031	0.0031	UJ	0.0031
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0036	0.0036	UJ	0.0036

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (021-100214-1420)	Date Extracted:	10/16/2014
Field ID:	#14-14792 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142520	HRMS File:	FS10291405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0037	0.0037	UJ	0.0037
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0035	0.0035	UJ	0.0035
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0034	0.0034	UJ	0.0034
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0035	0.0035	UJ	0.0035
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0033	0.0033	UJ	0.0033
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0037	0.0037	UJ	0.0037
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0031	0.0031	UJ	0.0031
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0042	0.0042	UJ	0.0042
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.003	0.0026	NJ	0.0026
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0027	0.0027	UJ	0.0027
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0038	0.0038	UJ	0.0038
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0025	0.0025	UJ	0.0025
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0037	0.0037	UJ	0.0037
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0034	0.0034	UJ	0.0034
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.004	0.0031	NJ	0.0031
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.003	0.003	UJ	0.003
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0033	0.0033	UJ	0.0033
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0032	0.0032	UJ	0.0032
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0043	0.0043	UJ	0.0043
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0046	0.0046	UJ	0.0046
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0042	0.0042	UJ	0.0042
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0043	0.0043	UJ	0.0043
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0052	0.0052	UJ	0.0052
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0173	0.0046	NJ	0.0046
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0045	0.0045	UJ	0.0045
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0051	0.0051	UJ	0.0051
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0055	0.0055	UJ	0.0055
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0079	0.0079	UJ	0.0079
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0061	0.0061	UJ	0.0061

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0236	0.0236	UJ
Dichlorobiphenyls	12	0.0692	0.0138	
Trichlorobiphenyls	24	0.0118	0.0022	BJ
Tetrachlorobiphenyls	42	0.031	0.0028	BJ
Pentachlorobiphenyls	46	0.0023	0.0023	UJ
Hexachlorobiphenyls	42	0.0028	0.0028	UJ
Heptachlorobiphenyls	24	0.0024	0.0024	UJ
Octachlorobiphenyls	12	0.003	0.003	UJ
Nonachlorobiphenyls	3	0.0051	0.0051	UJ
Decachlorobiphenyl	1	0.0061	0.0061	UJ
Total PCB		0.112	0.0022	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (021-100214-1420)	Date Extracted:	10/16/2014
Field ID:	#14-14792 (Liquids - not oil)	Date Analysed:	10/29/2014
PRL ID:	PR142520	HRMS File:	FS10291405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	8	5	145
$^{13}C_{12}$-4-MoCB	3L	5	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	17	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	29	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	34	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	85	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	67	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	56	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	36	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	94	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	97	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	99	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	83	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	102	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	88	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	63	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	70	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	70	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	58	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	60	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	130	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	44	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	77	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	95	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	58	10	145
$^{13}C_{12}$-DeCB	209L	51	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	131	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	86	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	61	10	145

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Liquids (not oil)	Date Extracted:	10/16/2014
Field ID:		Date Analysed:	10/28/2014 10/25/2014
PRL ID:	PC140867B	HRMS File:	FS10281405 FS10291414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0083	0.0083	UJ	0.0083
3-MoCB	PCB-002	2051-61-8	0.0135	0.0135	UJ	0.0135
4-MoCB	PCB-003	2051-62-9	0.0247	0.0247	UJ	0.0247
2,6-DiCB	PCB-010	33146-45-1	0.0074	0.0074	UJ	0.0074
2,2'-DiCB	PCB-004	13029-08-8	0.0079	0.0079	UJ	0.0079
2,5-DiCB	PCB-009	34883-39-1	0.0077	0.0077	UJ	0.0077
2,4-DiCB	PCB-007	33284-50-3	0.0063	0.0063	UJ	0.0063
2,3'-DiCB	PCB-006	25569-80-6	0.0073	0.0073	UJ	0.0073
2,3/2,4'-DiCB	PCB-005/008		0.0072	0.0072	UJ	0.0072
3,5-DiCB	PCB-014	34883-41-5	0.0087	0.0087	UJ	0.0087
3,3'-DiCB	PCB-011	2050-67-1	0.0088	0.0088	UJ	0.0088
3,4/3,4'-DiCB	PCB-012/013		0.0083	0.0083	UJ	0.0083
4,4'-DiCB	PCB-015	2050-68-2	0.012	0.012	UJ	0.012
2,2',6-TrCB	PCB-019	38444-73-4	0.0026	0.0022	NJ	0.0022
2,4,6-TrCB	PCB-030	35693-92-6	0.0019	0.0019	UJ	0.0019
2,2',5-TrCB	PCB-018	37680-65-2	0.0112	0.0022	J	0.0022
2,2',4-TrCB	PCB-017	37680-66-3	0.0026	0.0026	UJ	0.0026
2,3,6-TrCB	PCB-024	55702-45-9	0.0022	0.0022	UJ	0.0022
2,3',6-TrCB	PCB-027	38444-76-7	0.0016	0.0013	J	0.0013
2,4',6-TrCB	PCB-032	38444-77-8	0.0019	0.0019	UJ	0.0019
2,2',3-TrCB	PCB-016	38444-78-9	0.0031	0.0031	UJ	0.0031
2,3,5-TrCB	PCB-023	55720-44-0	0.0022	0.0022	UJ	0.0022
2,3',5'-TrCB	PCB-034	37680-68-5	0.0035	0.0026	NJ	0.0026
2,4,5-TrCB	PCB-029	15862-07-4	0.0017	0.0017	UJ	0.0017
2,3',5-TrCB	PCB-026	38444-81-4	0.0019	0.0019	UJ	0.0019
2,3',4-TrCB	PCB-025	55712-37-3	0.0021	0.0021	UJ	0.0021
2,4',5-TrCB	PCB-031	16606-02-3	0.0016	0.0016	UJ	0.0016
2,4,4'-TrCB	PCB-028	7012-37-5	0.0043	0.0023	J	0.0023
2,3,4-TrCB	PCB-021	55702-46-0	0.0031	0.0031	UJ	0.0031
	PCB-020/033		0.0025	0.0025	UJ	0.0025
2,3,4'-TrCB	PCB-022	38444-85-8	0.0031	0.0031	UJ	0.0031
3,3',5-TrCB	PCB-036	38444-87-0	0.0026	0.0026	UJ	0.0026
3,4',5-TrCB	PCB-039	38444-88-1	0.0034	0.0027	NJ	0.0027
3,4,5-TrCB	PCB-038	53555-66-1	0.0031	0.0031	UJ	0.0031
3,3',4-TrCB	PCB-035	37680-69-6	0.0031	0.0031	UJ	0.0031
3,4,4'-TrCB	PCB-037	38444-90-5	0.0092	0.0092	UJ	0.0092
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0031	0.0013	NJ	0.0013
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0027	0.0027	UJ	0.0027
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0028	0.0028	UJ	0.0028
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0028	0.0028	UJ	0.0028
2,2',3,6-TeCB	PCB-045	70362-45-7	0.003	0.003	UJ	0.003
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0036	0.0036	UJ	0.0036
	PCB-052/069		0.0069	0.0026	J	0.0026
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0021	0.0021	UJ	0.0021
	PCB-043/049		0.0037	0.003	NJ	0.003
	PCB-065/075		0.002	0.002	UJ	0.002
	PCB-047/048		0.0029	0.0029	UJ	0.0029
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0025	0.0025	UJ	0.0025
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0037	0.0037	UJ	0.0037
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0024	0.0024	UJ	0.0024
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0048	0.0032	NJ	0.0032

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Liquids (not oil)	Date Extracted:	10/16/2014
Field ID:		Date Analysed:	10/28/2014 10/25/2014
PRL ID:	PC140867B	HRMS File:	FS10281405 FS10291414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0031	0.0023	NJ	0.0023
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0019	0.0019	UJ	0.0019
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0033	0.0033	UJ	0.0033
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0021	0.0021	UJ	0.0021
	PCB-040/057		0.0029	0.0029	UJ	0.0029
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0025	0.0025	UJ	0.0025
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0024	0.0024	UJ	0.0024
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0021	0.0021	UJ	0.0021
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0027	0.0027	UJ	0.0027
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0023	0.0023	UJ	0.0023
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0029	0.0029	UJ	0.0029
	PCB-055/080		0.0024	0.0024	UJ	0.0024
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.002	0.002	UJ	0.002
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0024	0.0024	UJ	0.0024
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0028	0.0028	UJ	0.0028
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0026	0.0026	UJ	0.0026
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0026	0.0026	UJ	0.0026
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0026	0.0026	UJ	0.0026
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0064	0.0064	UJ	0.0064
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0067	0.0067	UJ	0.0067
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0018	0.0018	UJ	0.0018
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0019	0.0016	NJ	0.0016
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0019	0.0019	UJ	0.0019
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0022	0.0022	UJ	0.0022
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0025	0.0025	UJ	0.0025
	PCB-093/098/102		0.0024	0.0024	UJ	0.0024
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.002	0.002	UJ	0.002
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0023	0.0023	UJ	0.0023
	PCB-091/121		0.0019	0.0019	UJ	0.0019
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0023	0.0023	UJ	0.0023
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0026	0.0026	UJ	0.0026
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0023	0.0023	UJ	0.0023
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0026	0.0026	UJ	0.0026
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0054	0.0022	J	0.0022
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0019	0.0019	UJ	0.0019
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0037	0.0021	NJ	0.0021
	PCB-112/119		0.0017	0.0017	UJ	0.0017
	PCB-083/109		0.0022	0.0022	UJ	0.0022
	PCB-086/117		0.0021	0.0021	UJ	0.0021
	PCB-097/116		0.0023	0.0023	UJ	0.0023
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0018	0.0018	UJ	0.0018
	PCB-087/115		0.0048	0.0022	J	0.0022
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0019	0.0019	UJ	0.0019
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0024	0.0024	UJ	0.0024
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0018	0.0018	UJ	0.0018
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.009	0.0019	J	0.0019
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0029	0.0029	UJ	0.0029
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0027	0.0027	UJ	0.0027
	PCB-107/108		0.0029	0.0029	UJ	0.0029
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0027	0.0027	UJ	0.0027
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0026	0.0026	UJ	0.0026

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Liquids (not oil)	Date Extracted:	10/16/2014
Field ID:		Date Analysed:	10/28/2014 10/25/2014
PRL ID:	PC140867B	HRMS File:	FS10281405 FS10291414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0069	0.0027	J	0.0027
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0027	0.0027	UJ	0.0027
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0027	0.0027	UJ	0.0027
	PCB-105/127		0.0098	0.0028	NJ	0.0028
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0048	0.0048	UJ	0.0048
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0018	0.0018	UJ	0.0018
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0013	0.0013	UJ	0.0013
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0012	0.0012	UJ	0.0012
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0013	0.0013	UJ	0.0013
	PCB-136/148		0.0014	0.0014	UJ	0.0014
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0015	0.0015	UJ	0.0015
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0017	0.0017	UJ	0.0017
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0019	0.0019	UJ	0.0019
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0015	0.0015	UJ	0.0015
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0023	0.0023	UJ	0.0023
	PCB-139/149		0.0062	0.0017	J	0.0017
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0023	0.0023	UJ	0.0023
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0026	0.0026	UJ	0.0026
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0033	0.0033	UJ	0.0033
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0027	0.0027	UJ	0.0027
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0032	0.0032	UJ	0.0032
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0025	0.0025	UJ	0.0025
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0024	0.0024	UJ	0.0024
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.002	0.002	UJ	0.002
	PCB-132/161		0.003	0.0022	NJ	0.0022
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0126	0.0022	J	0.0022
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0024	0.0024	UJ	0.0024
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0027	0.0027	UJ	0.0027
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0028	0.0028	UJ	0.0028
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0029	0.0029	UJ	0.0029
	PCB-163/164		0.0022	0.0022	UJ	0.0022
	PCB-138/160		0.0084	0.0024	NJ	0.0024
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0019	0.0019	UJ	0.0019
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0024	0.0024	UJ	0.0024
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0019	0.0019	UJ	0.0019
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0019	0.0019	UJ	0.0019
	PCB-128/162		0.0042	0.0024	J	0.0024
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0018	0.0018	UJ	0.0018
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0047	0.0019	J	0.0019
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0019	0.0019	UJ	0.0019
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.003	0.003	UJ	0.003
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0016	0.0016	UJ	0.0016
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.001	0.001	UJ	0.001
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.001	0.001	UJ	0.001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0011	0.0011	NJ	0.0011
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0011	0.0011	UJ	0.0011
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0014	0.0014	UJ	0.0014
	PCB-182/187		0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0013	0.0013	UJ	0.0013
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0015	0.0015	UJ	0.0015

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Liquids (not oil)	Date Extracted:	10/16/2014
Field ID:		Date Analysed:	10/28/2014 10/25/2014
PRL ID:	PC140867B	HRMS File:	FS10281405 FS10291414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0019	0.0015	J	0.0015
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0029	0.0014	J	0.0014
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0015	0.0015	UJ	0.0015
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0032	0.0017	NJ	0.0017
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0015	0.0015	UJ	0.0015
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.001	0.001	UJ	0.001
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.001	0.001	UJ	0.001
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0008	0.0008	NJ	0.0008
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0012	0.0008	NJ	0.0008
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0017	0.0012	NJ	0.0012
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.001	0.001	UJ	0.001
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0047	0.0013	J	0.0013
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0037	0.0012	NJ	0.0012
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0051	0.0008	J	0.0008

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0083	0.0083	UJ
Dichlorobiphenyls	12	0.0063	0.0063	UJ
Trichlorobiphenyls	24	0.0171	0.0013	J
Tetrachlorobiphenyls	42	0.0069	0.0013	J
Pentachlorobiphenyls	46	0.0261	0.0016	J
Hexachlorobiphenyls	42	0.0277	0.0012	J
Heptachlorobiphenyls	24	0.0048	0.001	J
Octachlorobiphenyls	12	0.0047	0.0008	J
Nonachlorobiphenyls	3	0.0012	0.0012	UJ
Decachlorobiphenyl	1	0.0051	0.0008	J
Total PCB		0.0924	0.0008	

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Liquids (not oil)	Date Extracted:	10/16/2014
Field ID:		Date Analysed:	10/28/2014 10/25/2014
PRL ID:	PC140867B	HRMS File:	FS10281405 FS10291414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	15	5	145
$^{13}C_{12}$-4-MoCB	3L	8	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	27	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	60	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	32	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	72	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	52	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	49	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	48	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	59	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	69	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	72	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	70	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	75	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	80	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	55	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	64	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	68	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	79	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	63	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	46	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	97	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	42	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	80	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	60	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	67	10	145
$^{13}C_{12}$-DeCB	209L	59	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	78	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	67	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	59	10	145

Pacific Rim Laboratories Inc. #103, 19575-55A Avenue, Surrey, BC V3S 8P8 CANADA
Tel: + 604.532.8711 Fax: + 604.532.8712 Email: info@pacificrimlabs.com

QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Liquids (not oil)	Date Extracted:	10/16/2014
Field ID:		Date Analysed:	10/28/2014 10/25/2014
PRL ID:	PC140868S	HRMS File:	FS10281403 FS10291411

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2-MoCB	PCB-001	2051-60-7	1	108.6	60	135	Pass	15
4-MoCB	PCB-003	2051-62-9	1	119.7	60	135	Pass	7
2,6-DiCB	PCB-010	33146-45-1	1	80.1				-
2,2'-DiCB	PCB-004	13029-08-8	1	127.7	60	135	Pass	28
	PCB-005/008		1	60.2				-
4,4'-DiCB	PCB-015	2050-68-2	1	96.2	60	135	Pass	67
2,2',6-TrCB	PCB-019	38444-73-4	1	105.2	60	135	Pass	34
2,2',5-TrCB	PCB-018	37680-65-2	1	97.9				-
2,4,4'-TrCB	PCB-028	7012-37-5	1	102.5				-
	PCB-020/033		1	123.1				-
2,3,4'-TrCB	PCB-022	38444-85-8	1	135.8				-
3,4,4'-TrCB	PCB-037	38444-90-5	1	116.4	60	135	Pass	75
2,2',6,6'-TeCB	PCB-054	15968-05-5	1	110.3	60	135	Pass	51
	PCB-052/069		1	108.4				-
	PCB-043/049		1	128.1				-
2,2',3,5'-TeCB	PCB-044	41464-39-5	1	150.3				-
2,2',3,4-TeCB	PCB-041	52663-59-9	1	92.1				-
2,2',3,3'-TeCB	PCB-040	38444-93-8	1	83.2				-
2,4,4',5-TeCB	PCB-074	32690-93-0	1	122.6				-
2,3',4',5-TeCB	PCB-070	32598-11-1	1	127.0				-
2,3',4,4'-TeCB	PCB-066	32598-10-0	1	110.5				-
2,3,4,4'-TeCB	PCB-060	33025-41-1	1	65.7				-
3,4,4',5-TeCB	PCB-081	70362-50-4	1	89.2	60	135	Pass	70
3,3',4,4'-TeCB	PCB-077	32598-13-3	1	91.5	60	135	Pass	36
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	1	100.0	60	135	Pass	58
2,2',3,5',6-PeCB	PCB-095	38379-99-6	1	49.0				-
2,2',3,4',5-PeCB	PCB-090	68194-07-0	1	54.2				-
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	1	77.4				-
2,2',4,4',5-PeCB	PCB-099	38380-01-7	1	69.1				-
2,3',4,4',6-PeCB	PCB-119	56558-17-9	1	60.8				-
	PCB-087/115		1	52.6				-
2,3,3',4',6-PeCB	PCB-110	38380-03-9	1	79.0				-
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	1	97.5	60	135	Pass	73
2,3',4,4',5-PeCB	PCB-118	31508-00-6	1	90.9	60	135	Pass	79
2,3,4,4',5-PeCB	PCB-114	74472-37-0	1	102.4	60	135	Pass	73
2,3,3',4,4'-PeCB	PCB-105	32598-14-4	1	102.5	60	135	Pass	76
3,3',4,4',5-PeCB	PCB-126	57465-28-8	1	96.8	60	135	Pass	81
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	1	104.2	60	135	Pass	57
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	1	46.4				-
	PCB-139/149		1	60.1				-
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	1	92.4				-
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	1	138.2				-
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	1	118.7				-
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	1	125.9				-
2,2',3,4,4',5'-HxCB	PCB-138	35065-28-2	1	104.7				-
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	1	120.0				-
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	1	102.9				-
2,2',3,3',4,4'-HxCB	PCB-128	38380-07-3	1	97.3				-
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	1	110.9	60	135	Pass	69
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	1	106.2	60	135	Pass	75
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	1	110.2	60	135	Pass	77
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	1	111.2	60	135	Pass	71

QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Liquids (not oil)	Date Extracted:	10/16/2014
Field ID:		Date Analysed:	10/28/2014 10/25/2014
PRL ID:	PC140868S	HRMS File:	FS10281403 FS10291411

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	1	114.0	60	135	Pass	47
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	1	81.3				-
	PCB-182/187		1	72.6				-
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	1	77.5				-
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	1	73.1				-
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	1	73.8				-
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	1	69.8				-
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	1	97.2				-
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	1	87.1				-
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	1	87.5				-
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	1	91.9	60	135	Pass	94
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	1	101.4	60	135	Pass	45
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	1	67.6				-
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	1	85.6				-
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	1	91.0				-
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	1	124.7				-
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	1	105.4	60	135	Pass	82
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	1	101.6	60	135	Pass	57
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	1	106.5	60	135	Pass	64
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	1	92.0	60	135	Pass	57

LOF - level of fortification

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (016-082714-1459)	Date Extracted:	10/10/2014
Field ID:	#14-13440 (Oil)	Date Analysed:	10/22/2014
PRL ID:	PR142249	HRMS File:	FS102214A07

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.582	0.0672	N	0.0672
3-MoCB	PCB-002	2051-61-8	0.0665	0.0665	UJ	0.0665
4-MoCB	PCB-003	2051-62-9	0.0548	0.0548	UJ	0.0548
2,6-DiCB	PCB-010	33146-45-1	0.0232	0.0232	UJ	0.0232
2,2'-DiCB	PCB-004	13029-08-8	0.035	0.035	UJ	0.035
2,5-DiCB	PCB-009	34883-39-1	0.037	0.024	J	0.024
2,4-DiCB	PCB-007	33284-50-3	0.0196	0.0196	UJ	0.0196
2,3'-DiCB	PCB-006	25569-80-6	0.023	0.023	UJ	0.023
2,3/2,4'-DiCB	PCB-005/008		0.0955	0.0212	J	0.0212
3,5-DiCB	PCB-014	34883-41-5	0.0255	0.0255	UJ	0.0255
3,3'-DiCB	PCB-011	2050-67-1	0.261	0.0257	J	0.0257
3,4/3,4'-DiCB	PCB-012/013		0.0245	0.0245	UJ	0.0245
4,4'-DiCB	PCB-015	2050-68-2	0.0337	0.0337	UJ	0.0337
2,2',6-TrCB	PCB-019	38444-73-4	0.0142	0.0142	UJ	0.0142
2,4,6-TrCB	PCB-030	35693-92-6	0.0124	0.0124	UJ	0.0124
2,2',5-TrCB	PCB-018	37680-65-2	0.0437	0.0167	NJ	0.0167
2,2',4-TrCB	PCB-017	37680-66-3	0.0175	0.0175	UJ	0.0175
2,3,6-TrCB	PCB-024	55702-45-9	0.0143	0.0143	UJ	0.0143
2,3',6-TrCB	PCB-027	38444-76-7	0.01	0.01	UJ	0.01
2,4',6-TrCB	PCB-032	38444-77-8	0.0127	0.0127	UJ	0.0127
2,2',3-TrCB	PCB-016	38444-78-9	0.0207	0.0207	UJ	0.0207
2,3,5-TrCB	PCB-023	55720-44-0	0.0424	0.0172	NJ	0.0172
2,3',5'-TrCB	PCB-034	37680-68-5	0.0169	0.0169	UJ	0.0169
2,4,5-TrCB	PCB-029	15862-07-4	0.013	0.013	UJ	0.013
2,3',5-TrCB	PCB-026	38444-81-4	0.0146	0.0146	UJ	0.0146
2,3',4-TrCB	PCB-025	55712-37-3	0.0164	0.0164	UJ	0.0164
2,4',5-TrCB	PCB-031	16606-02-3	0.0124	0.0124	UJ	0.0124
2,4,4'-TrCB	PCB-028	7012-37-5	0.0154	0.0154	UJ	0.0154
2,3,4-TrCB	PCB-021	55702-46-0	0.0206	0.0206	UJ	0.0206
	PCB-020/033		0.0342	0.0166	NJ	0.0166
2,3,4'-TrCB	PCB-022	38444-85-8	0.0202	0.0202	UJ	0.0202
3,3',5-TrCB	PCB-036	38444-87-0	0.0171	0.0171	UJ	0.0171
3,4',5-TrCB	PCB-039	38444-88-1	0.018	0.018	UJ	0.018
3,4,5-TrCB	PCB-038	53555-66-1	0.0205	0.0205	UJ	0.0205
3,3',4-TrCB	PCB-035	37680-69-6	0.0207	0.0207	UJ	0.0207
3,4,4'-TrCB	PCB-037	38444-90-5	0.0622	0.0622	UJ	0.0622
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0134	0.0134	UJ	0.0134
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0315	0.0315	UJ	0.0315
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0333	0.0333	UJ	0.0333
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0326	0.0326	UJ	0.0326
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0346	0.0346	UJ	0.0346
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0423	0.0423	UJ	0.0423
	PCB-052/069		0.0798	0.03	BJ	0.03
2,3',5',6-TeCB	PCB-073	74338-23-1	0.024	0.024	UJ	0.024
	PCB-043/049		0.0348	0.0348	UJ	0.0348
	PCB-065/075		0.0234	0.0234	UJ	0.0234
	PCB-047/048		0.0338	0.0338	UJ	0.0338
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0293	0.0293	UJ	0.0293
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0431	0.0431	UJ	0.0431
2,3,3',6-TeCB	PCB-059	74472-33-6	0.028	0.028	UJ	0.028
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0377	0.0377	UJ	0.0377

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (016-082714-1459)	Date Extracted:	10/10/2014
Field ID:	#14-13440 (Oil)	Date Analysed:	10/22/2014
PRL ID:	PR142249	HRMS File:	FS102214A07

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0475	0.0273	NJ	0.0273
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0219	0.0219	UJ	0.0219
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0382	0.0382	UJ	0.0382
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0248	0.0248	UJ	0.0248
	PCB-040/057		0.0333	0.0333	UJ	0.0333
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0294	0.0294	UJ	0.0294
2,3,4',5-TeCB	PCB-063	74472-34-7	0.028	0.028	UJ	0.028
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0243	0.0243	UJ	0.0243
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0316	0.0316	UJ	0.0316
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0265	0.0265	UJ	0.0265
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0335	0.0335	UJ	0.0335
	PCB-055/080		0.0277	0.0277	UJ	0.0277
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0231	0.0231	UJ	0.0231
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0279	0.0279	UJ	0.0279
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0326	0.0326	UJ	0.0326
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0304	0.0304	UJ	0.0304
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.03	0.03	UJ	0.03
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0304	0.0304	UJ	0.0304
3,4,4',5-TeCB	PCB-081	70362-50-4	0.1114	0.1114	UJ	0.1114
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.1391	0.1391	UJ	0.1391
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0163	0.0163	UJ	0.0163
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0243	0.0243	UJ	0.0243
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0288	0.0288	UJ	0.0288
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0324	0.0324	UJ	0.0324
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.038	0.038	UJ	0.038
	PCB-093/098/102		0.0365	0.0365	UJ	0.0365
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.107	0.0295	J	0.0295
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0347	0.0347	UJ	0.0347
	PCB-091/121		0.0286	0.0286	UJ	0.0286
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0351	0.0351	UJ	0.0351
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0398	0.0398	UJ	0.0398
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0339	0.0339	UJ	0.0339
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0392	0.0392	UJ	0.0392
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.163	0.0337	BJ	0.0337
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0284	0.0284	UJ	0.0284
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.053	0.0313	J	0.0313
	PCB-112/119		0.0256	0.0256	UJ	0.0256
	PCB-083/109		0.0333	0.0333	UJ	0.0333
	PCB-086/117		0.0834	0.032	NJ	0.032
	PCB-097/116		0.0347	0.0347	UJ	0.0347
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0273	0.0273	UJ	0.0273
	PCB-087/115		0.0332	0.0332	UJ	0.0332
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0279	0.0279	UJ	0.0279
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0357	0.0357	UJ	0.0357
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0265	0.0265	UJ	0.0265
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.136	0.028	BJ	0.028
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0437	0.0437	UJ	0.0437
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0792	0.0792	UJ	0.0792
	PCB-107/108		0.0441	0.0441	UJ	0.0441
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0508	0.0508	UJ	0.0508
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0396	0.0396	UJ	0.0396

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (016-082714-1459)	Date Extracted:	10/10/2014
Field ID:	#14-13440 (Oil)	Date Analysed:	10/22/2014
PRL ID:	PR142249	HRMS File:	FS102214A07

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0547	0.0547	UJ	0.0547
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0662	0.0552	NJ	0.0552
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0409	0.0409	UJ	0.0409
	PCB-105/127		0.0609	0.0609	UJ	0.0609
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.124	0.124	UJ	0.124
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0403	0.0403	UJ	0.0403
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0528	0.0528	UJ	0.0528
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0489	0.0489	UJ	0.0489
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0542	0.0542	UJ	0.0542
	PCB-136/148		0.0569	0.0569	UJ	0.0569
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.073	0.0609	J	0.0609
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0697	0.0697	UJ	0.0697
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0802	0.0802	UJ	0.0802
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.062	0.062	UJ	0.062
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0959	0.0959	UJ	0.0959
	PCB-139/149		0.306	0.0709	BJ	0.0709
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.229	0.0966	J	0.0966
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.1063	0.1063	UJ	0.1063
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.1368	0.1368	UJ	0.1368
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.1096	0.1096	UJ	0.1096
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.132	0.132	UJ	0.132
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.1017	0.1017	UJ	0.1017
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.1002	0.1002	UJ	0.1002
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0819	0.0819	UJ	0.0819
	PCB-132/161		0.0906	0.0906	UJ	0.0906
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0892	0.0892	UJ	0.0892
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.097	0.097	UJ	0.097
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.242	0.1114	NJ	0.1114
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.1158	0.1158	UJ	0.1158
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.1207	0.1207	UJ	0.1207
	PCB-163/164		0.0901	0.0901	UJ	0.0901
	PCB-138/160		0.0989	0.0989	UJ	0.0989
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0786	0.0786	UJ	0.0786
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0979	0.0979	UJ	0.0979
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.08	0.08	UJ	0.08
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0773	0.0773	UJ	0.0773
	PCB-128/162		0.0987	0.0987	UJ	0.0987
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0965	0.0965	UJ	0.0965
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0982	0.0982	UJ	0.0982
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0961	0.0961	UJ	0.0961
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.1892	0.1892	UJ	0.1892
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0546	0.0546	UJ	0.0546
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0554	0.0554	UJ	0.0554
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0522	0.0522	UJ	0.0522
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0575	0.0575	UJ	0.0575
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0621	0.0621	UJ	0.0621
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0778	0.0778	UJ	0.0778
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0754	0.0754	UJ	0.0754
	PCB-182/187		0.0667	0.0667	UJ	0.0667
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0692	0.0692	UJ	0.0692
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0787	0.0787	UJ	0.0787

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (016-082714-1459)	Date Extracted:	10/10/2014
Field ID:	#14-13440 (Oil)	Date Analysed:	10/22/2014
PRL ID:	PR142249	HRMS File:	FS102214A07

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0811	0.0811	UJ	0.0811
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.077	0.077	UJ	0.077
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0744	0.0744	UJ	0.0744
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0774	0.0774	UJ	0.0774
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0732	0.0732	UJ	0.0732
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0816	0.0816	UJ	0.0816
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0691	0.0691	UJ	0.0691
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0934	0.0934	UJ	0.0934
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0582	0.0582	UJ	0.0582
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0594	0.0594	UJ	0.0594
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0832	0.0832	UJ	0.0832
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0545	0.0545	UJ	0.0545
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0966	0.0966	UJ	0.0966
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.063	0.063	UJ	0.063
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0621	0.0621	UJ	0.0621
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.061	0.061	UJ	0.061
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0667	0.0667	UJ	0.0667
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0649	0.0649	UJ	0.0649
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0858	0.0858	UJ	0.0858
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0934	0.0934	UJ	0.0934
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.163	0.0839	NJ	0.0839
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0863	0.0863	UJ	0.0863
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.1047	0.1047	UJ	0.1047
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0936	0.0936	UJ	0.0936
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0996	0.0996	UJ	0.0996
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.1055	0.1055	UJ	0.1055
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.1141	0.1141	UJ	0.1141
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.1692	0.1692	UJ	0.1692
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.1203	0.1203	UJ	0.1203

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0548	0.0548	UJ
Dichlorobiphenyls	12	0.394	0.0196	J
Trichlorobiphenyls	24	0.01	0.01	UJ
Tetrachlorobiphenyls	42	0.08	0.0134	BJ
Pentachlorobiphenyls	46	0.459	0.0163	B
Hexachlorobiphenyls	42	0.608	0.0403	B
Heptachlorobiphenyls	24	0.0522	0.0522	UJ
Octachlorobiphenyls	12	0.061	0.061	UJ
Nonachlorobiphenyls	3	0.1055	0.1055	UJ
Decachlorobiphenyl	1	0.1203	0.1203	UJ
Total PCB		1.54	0.01	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (016-082714-1459)	Date Extracted:	10/10/2014
Field ID:	#14-13440 (Oil)	Date Analysed:	10/22/2014
PRL ID:	PR142249	HRMS File:	FS102214A07

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	7	5	145
$^{13}C_{12}$-4-MoCB	3L	13	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	29	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	57	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	36	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	97	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	103	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	54	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	34	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	115	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	132	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	120	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	113	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	113	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	85	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	66	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	62	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	64	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	54	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	77	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	129	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	49	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	89	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	104	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	65	10	145
$^{13}C_{12}$-DeCB	209L	57	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	130	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	72	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	71	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (016-082714-1459)	Date Extracted:	10/10/2014
Field ID:	#14-13440 (Oil)	Date Analysed:	10/21/2014 10/26/2014
PRL ID:	PR142249D	HRMS File:	FS10211407 FS10251416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.1347	0.1347	UJ	0.1347
3-MoCB	PCB-002	2051-61-8	0.1205	0.1205	UJ	0.1205
4-MoCB	PCB-003	2051-62-9	0.0917	0.0917	UJ	0.0917
2,6-DiCB	PCB-010	33146-45-1	0.0977	0.0977	UJ	0.0977
2,2'-DiCB	PCB-004	13029-08-8	0.1578	0.1578	UJ	0.1578
2,5-DiCB	PCB-009	34883-39-1	0.1014	0.1014	UJ	0.1014
2,4-DiCB	PCB-007	33284-50-3	0.0828	0.0828	UJ	0.0828
2,3'-DiCB	PCB-006	25569-80-6	0.0968	0.0968	UJ	0.0968
2,3/2,4'-DiCB	PCB-005/008		0.206	0.0896	J	0.0896
3,5-DiCB	PCB-014	34883-41-5	0.1075	0.1075	UJ	0.1075
3,3'-DiCB	PCB-011	2050-67-1	0.265	0.1085	NJ	0.1085
3,4/3,4'-DiCB	PCB-012/013		0.1031	0.1031	UJ	0.1031
4,4'-DiCB	PCB-015	2050-68-2	0.1342	0.1342	UJ	0.1342
2,2',6-TrCB	PCB-019	38444-73-4	0.0588	0.0588	UJ	0.0588
2,4,6-TrCB	PCB-030	35693-92-6	0.0484	0.0484	UJ	0.0484
2,2',5-TrCB	PCB-018	37680-65-2	0.0623	0.0623	UJ	0.0623
2,2',4-TrCB	PCB-017	37680-66-3	0.0683	0.0683	UJ	0.0683
2,3,6-TrCB	PCB-024	55702-45-9	0.056	0.056	UJ	0.056
2,3',6-TrCB	PCB-027	38444-76-7	0.051	0.0376	NJ	0.0376
2,4',6-TrCB	PCB-032	38444-77-8	0.14	0.0497	J	0.0497
2,2',3-TrCB	PCB-016	38444-78-9	0.0809	0.0809	UJ	0.0809
2,3,5-TrCB	PCB-023	55720-44-0	0.0643	0.0643	UJ	0.0643
2,3',5'-TrCB	PCB-034	37680-68-5	0.066	0.066	UJ	0.066
2,4,5-TrCB	PCB-029	15862-07-4	0.0487	0.0487	UJ	0.0487
2,3',5-TrCB	PCB-026	38444-81-4	0.0545	0.0545	UJ	0.0545
2,3',4-TrCB	PCB-025	55712-37-3	0.0612	0.0612	UJ	0.0612
2,4',5-TrCB	PCB-031	16606-02-3	0.0877	0.0464	J	0.0464
2,4,4'-TrCB	PCB-028	7012-37-5	0.0831	0.06	J	0.06
2,3,4-TrCB	PCB-021	55702-46-0	0.0805	0.0805	UJ	0.0805
	PCB-020/033		0.0647	0.0647	UJ	0.0647
2,3,4'-TrCB	PCB-022	38444-85-8	0.0787	0.0787	UJ	0.0787
3,3',5-TrCB	PCB-036	38444-87-0	0.069	0.0669	NJ	0.0669
3,4',5-TrCB	PCB-039	38444-88-1	0.0702	0.0702	UJ	0.0702
3,4,5-TrCB	PCB-038	53555-66-1	0.08	0.08	UJ	0.08
3,3',4-TrCB	PCB-035	37680-69-6	0.081	0.081	UJ	0.081
3,4,4'-TrCB	PCB-037	38444-90-5	0.2013	0.2013	UJ	0.2013
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0387	0.0387	UJ	0.0387
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0912	0.0912	UJ	0.0912
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0963	0.0963	UJ	0.0963
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0944	0.0944	UJ	0.0944
2,2',3,6-TeCB	PCB-045	70362-45-7	0.1001	0.1001	UJ	0.1001
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.1225	0.1225	UJ	0.1225
	PCB-052/069		0.0869	0.0869	UJ	0.0869
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0694	0.0694	UJ	0.0694
	PCB-043/049		0.1008	0.1008	UJ	0.1008
	PCB-065/075		0.0676	0.0676	UJ	0.0676
	PCB-047/048		0.098	0.098	UJ	0.098
2,3,4,6-TeCB	PCB-062	54230-22-7	0.19	0.0849	NJ	0.0849
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.1247	0.1247	UJ	0.1247
2,3,3',6-TeCB	PCB-059	74472-33-6	0.151	0.081	NJ	0.081
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.1091	0.1091	UJ	0.1091

DATA REPORT

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Client ID:	PCB Product Sample (016-082714-1459)	Date Extracted:	10/10/2014
Field ID:	#14-13440 (Oil)	Date Analysed:	10/21/2014 10/26/2014
PRL ID:	PR142249D	HRMS File:	FS10211407 FS10251416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.079	0.079	UJ	0.079
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0634	0.0634	UJ	0.0634
2,2',3,4-TeCB	PCB-041	52663-59-9	0.1106	0.1106	UJ	0.1106
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0717	0.0717	UJ	0.0717
	PCB-040/057		0.0965	0.0965	UJ	0.0965
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0851	0.0851	UJ	0.0851
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0811	0.0811	UJ	0.0811
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0703	0.0703	UJ	0.0703
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0914	0.0914	UJ	0.0914
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0767	0.0767	UJ	0.0767
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0971	0.0971	UJ	0.0971
	PCB-055/080		0.0803	0.0803	UJ	0.0803
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0669	0.0669	UJ	0.0669
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0809	0.0809	UJ	0.0809
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0944	0.0944	UJ	0.0944
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0881	0.0881	UJ	0.0881
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0868	0.0868	UJ	0.0868
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0881	0.0881	UJ	0.0881
3,4,4',5-TeCB	PCB-081	70362-50-4	0.3461	0.3461	UJ	0.3461
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.3812	0.3812	UJ	0.3812
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0489	0.0489	UJ	0.0489
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0713	0.0713	UJ	0.0713
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0844	0.0844	UJ	0.0844
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.095	0.095	UJ	0.095
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.1114	0.1114	UJ	0.1114
	PCB-093/098/102		0.1068	0.1068	UJ	0.1068
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0863	0.0863	UJ	0.0863
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.1017	0.1017	UJ	0.1017
	PCB-091/121		0.0838	0.0838	UJ	0.0838
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.1028	0.1028	UJ	0.1028
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.1165	0.1165	UJ	0.1165
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0992	0.0992	UJ	0.0992
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.115	0.115	UJ	0.115
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0986	0.0986	UJ	0.0986
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0832	0.0832	UJ	0.0832
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.309	0.0917	J	0.0917
	PCB-112/119		0.075	0.075	UJ	0.075
	PCB-083/109		0.0976	0.0976	UJ	0.0976
	PCB-086/117		0.0936	0.0936	UJ	0.0936
	PCB-097/116		0.1016	0.1016	UJ	0.1016
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0798	0.0798	UJ	0.0798
	PCB-087/115		0.0972	0.0972	UJ	0.0972
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0816	0.0816	NJ	0.0816
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.1044	0.1044	UJ	0.1044
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0776	0.0776	UJ	0.0776
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0819	0.0819	UJ	0.0819
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.1281	0.1281	UJ	0.1281
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.2477	0.2477	UJ	0.2477
	PCB-107/108		0.1292	0.1292	UJ	0.1292
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.1368	0.1368	UJ	0.1368
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.116	0.116	UJ	0.116

DATA REPORT

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Client ID:	PCB Product Sample (016-082714-1459)	Date Extracted:	10/10/2014
Field ID:	#14-13440 (Oil)	Date Analysed:	10/21/2014 10/26/2014
PRL ID:	PR142249D	HRMS File:	FS10211407 FS10251416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.158	0.158	UJ	0.158
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.1705	0.1705	UJ	0.1705
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.1199	0.1199	UJ	0.1199
	PCB-105/127		0.1721	0.1721	UJ	0.1721
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.2932	0.2932	UJ	0.2932
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.1165	0.1165	UJ	0.1165
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.1526	0.1526	UJ	0.1526
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.1412	0.1412	UJ	0.1412
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.1567	0.1567	UJ	0.1567
	PCB-136/148		0.1645	0.1645	UJ	0.1645
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.1761	0.1761	UJ	0.1761
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.216	0.2015	NJ	0.2015
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.2318	0.2318	UJ	0.2318
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.345	0.1792	NJ	0.1792
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.2773	0.2773	UJ	0.2773
	PCB-139/149		0.205	0.205	UJ	0.205
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.2792	0.2792	UJ	0.2792
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.3071	0.3071	UJ	0.3071
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.3954	0.3954	UJ	0.3954
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.3169	0.3169	UJ	0.3169
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.3817	0.3817	UJ	0.3817
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.2939	0.2939	UJ	0.2939
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.2897	0.2897	UJ	0.2897
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.2367	0.2367	UJ	0.2367
	PCB-132/161		0.2617	0.2617	UJ	0.2617
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.626	0.258	N	0.258
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.2803	0.2803	UJ	0.2803
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.322	0.322	UJ	0.322
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.3348	0.3348	UJ	0.3348
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.3489	0.3489	UJ	0.3489
	PCB-163/164		0.2605	0.2605	UJ	0.2605
	PCB-138/160		0.695	0.286	N	0.286
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.2272	0.2272	UJ	0.2272
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.2829	0.2829	UJ	0.2829
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.2311	0.2311	UJ	0.2311
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.2235	0.2235	UJ	0.2235
	PCB-128/162		0.2854	0.2854	UJ	0.2854
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.2724	0.2724	UJ	0.2724
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.2992	0.2992	UJ	0.2992
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.2747	0.2747	UJ	0.2747
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.5346	0.5346	U	0.5346
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.1194	0.1194	UJ	0.1194
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.1239	0.1239	UJ	0.1239
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.1167	0.1167	UJ	0.1167
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.1285	0.1285	UJ	0.1285
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.1389	0.1389	UJ	0.1389
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.1739	0.1739	UJ	0.1739
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.1687	0.1687	UJ	0.1687
	PCB-182/187		0.1492	0.1492	UJ	0.1492
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.1548	0.1548	UJ	0.1548
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.1759	0.1759	UJ	0.1759

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PRL ID:	PR142249D	HRMS File:	FS10211407 FS10251416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.1812	0.1812	UJ	0.1812
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.1722	0.1722	UJ	0.1722
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.1664	0.1664	UJ	0.1664
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.1731	0.1731	UJ	0.1731
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.1636	0.1636	UJ	0.1636
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.1825	0.1825	UJ	0.1825
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.1546	0.1546	UJ	0.1546
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.2088	0.2088	UJ	0.2088
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.1302	0.1302	UJ	0.1302
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.1328	0.1328	UJ	0.1328
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.186	0.186	UJ	0.186
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.1219	0.1219	UJ	0.1219
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	1.19	0.2265	N	0.2265
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.1785	0.1785	UJ	0.1785
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.1909	0.1909	UJ	0.1909
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.1874	0.1874	UJ	0.1874
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.2051	0.2051	UJ	0.2051
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.1994	0.1994	UJ	0.1994
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.2637	0.2637	UJ	0.2637
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.2872	0.2872	UJ	0.2872
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.2578	0.2578	UJ	0.2578
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.649	0.2654	N	0.2654
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.3218	0.3218	UJ	0.3218
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.2878	0.2878	UJ	0.2878
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.3481	0.3481	UJ	0.3481
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.3645	0.3645	UJ	0.3645
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.3617	0.3617	UJ	0.3617
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.4747	0.4747	U	0.4747
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.3163	0.3163	UJ	0.3163

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0917	0.0917	UJ
Dichlorobiphenyls	12	0.206	0.0828	J
Trichlorobiphenyls	24	0.311	0.0376	J
Tetrachlorobiphenyls	42	0.0387	0.0387	UJ
Pentachlorobiphenyls	46	0.309	0.0489	BJ
Hexachlorobiphenyls	42	0.1165	0.1165	UJ
Heptachlorobiphenyls	24	0.1167	0.1167	UJ
Octachlorobiphenyls	12	0.1785	0.1785	UJ
Nonachlorobiphenyls	3	0.3617	0.3617	UJ
Decachlorobiphenyl	1	0.3163	0.3163	UJ
Total PCB		0.826	0.0376	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (016-082714-1459)	Date Extracted:	10/10/2014
Field ID:	#14-13440 (Oil)	Date Analysed:	10/21/2014 10/26/2014
PRL ID:	PR142249D	HRMS File:	FS10211407 FS10251416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	7	5	145
$^{13}C_{12}$-4-MoCB	3L	18	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	22	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	49	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	25	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	97	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	89	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	45	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	32	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	117	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	119	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	120	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	90	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	105	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	72	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	63	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	56	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	49	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	53	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	47	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	72	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	123	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	40	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	71	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	84	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	69	10	145
$^{13}C_{12}$-DeCB	209L	50	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	120	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	71	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	61	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (018-082714-1455)	Date Extracted:	10/10/2014
Field ID:	#14-13441 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142250	HRMS File:	FS10211408 FS10251414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.103	0.077	J	0.077
3-MoCB	PCB-002	2051-61-8	0.0697	0.0697	UJ	0.0697
4-MoCB	PCB-003	2051-62-9	0.0535	0.0535	UJ	0.0535
2,6-DiCB	PCB-010	33146-45-1	0.0861	0.0861	UJ	0.0861
2,2'-DiCB	PCB-004	13029-08-8	0.1214	0.1214	UJ	0.1214
2,5-DiCB	PCB-009	34883-39-1	0.0894	0.0894	UJ	0.0894
2,4-DiCB	PCB-007	33284-50-3	0.073	0.073	UJ	0.073
2,3'-DiCB	PCB-006	25569-80-6	0.0854	0.0854	UJ	0.0854
2,3/2,4'-DiCB	PCB-005/008		0.079	0.079	UJ	0.079
3,5-DiCB	PCB-014	34883-41-5	0.0948	0.0948	UJ	0.0948
3,3'-DiCB	PCB-011	2050-67-1	0.428	0.0957	N	0.0957
3,4/3,4'-DiCB	PCB-012/013		0.091	0.091	UJ	0.091
4,4'-DiCB	PCB-015	2050-68-2	0.1343	0.1343	UJ	0.1343
2,2',6-TrCB	PCB-019	38444-73-4	0.0547	0.0547	UJ	0.0547
2,4,6-TrCB	PCB-030	35693-92-6	0.0423	0.0423	UJ	0.0423
2,2',5-TrCB	PCB-018	37680-65-2	0.052	0.052	UJ	0.052
2,2',4-TrCB	PCB-017	37680-66-3	0.0596	0.0596	UJ	0.0596
2,3,6-TrCB	PCB-024	55702-45-9	0.0489	0.0489	UJ	0.0489
2,3',6-TrCB	PCB-027	38444-76-7	0.0314	0.0314	UJ	0.0314
2,4',6-TrCB	PCB-032	38444-77-8	0.0434	0.0434	UJ	0.0434
2,2',3-TrCB	PCB-016	38444-78-9	0.0706	0.0706	UJ	0.0706
2,3,5-TrCB	PCB-023	55720-44-0	0.0537	0.0537	UJ	0.0537
2,3',5'-TrCB	PCB-034	37680-68-5	0.0576	0.0576	UJ	0.0576
2,4,5-TrCB	PCB-029	15862-07-4	0.0406	0.0406	UJ	0.0406
2,3',5-TrCB	PCB-026	38444-81-4	0.0455	0.0455	UJ	0.0455
2,3',4-TrCB	PCB-025	55712-37-3	0.0511	0.0511	UJ	0.0511
2,4',5-TrCB	PCB-031	16606-02-3	0.128	0.0387	J	0.0387
2,4,4'-TrCB	PCB-028	7012-37-5	0.0524	0.0524	UJ	0.0524
2,3,4-TrCB	PCB-021	55702-46-0	0.0703	0.0703	UJ	0.0703
	PCB-020/033		0.0967	0.0565	J	0.0565
2,3,4'-TrCB	PCB-022	38444-85-8	0.0687	0.0687	UJ	0.0687
3,3',5-TrCB	PCB-036	38444-87-0	0.0584	0.0584	UJ	0.0584
3,4',5-TrCB	PCB-039	38444-88-1	0.0613	0.0613	UJ	0.0613
3,4,5-TrCB	PCB-038	53555-66-1	0.0699	0.0699	UJ	0.0699
3,3',4-TrCB	PCB-035	37680-69-6	0.0707	0.0707	UJ	0.0707
3,4,4'-TrCB	PCB-037	38444-90-5	0.1495	0.1495	UJ	0.1495
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0349	0.0349	UJ	0.0349
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0783	0.0783	UJ	0.0783
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0827	0.0827	UJ	0.0827
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0811	0.0811	UJ	0.0811
2,2',3,6-TeCB	PCB-045	70362-45-7	0.086	0.086	UJ	0.086
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.1052	0.1052	UJ	0.1052
	PCB-052/069		0.117	0.0746	BJ	0.0746
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0596	0.0596	UJ	0.0596
	PCB-043/049		0.0922	0.0866	NJ	0.0866
	PCB-065/075		0.0581	0.0581	UJ	0.0581
	PCB-047/048		0.0841	0.0841	UJ	0.0841
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0729	0.0729	UJ	0.0729
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.1071	0.1071	UJ	0.1071
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0696	0.0696	UJ	0.0696
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0937	0.0937	UJ	0.0937

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (018-082714-1455)	Date Extracted:	10/10/2014
Field ID:	#14-13441 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142250	HRMS File:	FS10211408 FS10251414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0678	0.0678	UJ	0.0678
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0544	0.0544	UJ	0.0544
2,2',3,4-TeCB	PCB-041	52663-59-9	0.095	0.095	UJ	0.095
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0616	0.0616	UJ	0.0616
	PCB-040/057		0.0829	0.0829	UJ	0.0829
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0731	0.0731	UJ	0.0731
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0696	0.0696	UJ	0.0696
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0604	0.0604	UJ	0.0604
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0785	0.0785	UJ	0.0785
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0658	0.0658	UJ	0.0658
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0833	0.0833	UJ	0.0833
	PCB-055/080		0.069	0.069	UJ	0.069
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.174	0.0574	J	0.0574
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0695	0.0695	UJ	0.0695
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.081	0.081	UJ	0.081
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0995	0.0756	NJ	0.0756
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0745	0.0745	UJ	0.0745
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0757	0.0757	UJ	0.0757
3,4,4',5-TeCB	PCB-081	70362-50-4	0.2365	0.2365	UJ	0.2365
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.2636	0.2636	UJ	0.2636
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0421	0.0421	UJ	0.0421
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0634	0.0634	UJ	0.0634
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0751	0.0751	UJ	0.0751
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0845	0.0845	UJ	0.0845
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0991	0.0991	UJ	0.0991
	PCB-093/098/102		0.095	0.095	UJ	0.095
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0768	0.0768	UJ	0.0768
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0976	0.0905	NJ	0.0905
	PCB-091/121		0.0745	0.0745	UJ	0.0745
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0914	0.0914	UJ	0.0914
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.1036	0.1036	UJ	0.1036
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0883	0.0883	UJ	0.0883
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.1023	0.1023	UJ	0.1023
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0877	0.0877	UJ	0.0877
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.074	0.074	UJ	0.074
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0815	0.0815	UJ	0.0815
	PCB-112/119		0.158	0.0667	NJ	0.0667
	PCB-083/109		0.0868	0.0868	UJ	0.0868
	PCB-086/117		0.0833	0.0833	UJ	0.0833
	PCB-097/116		0.0904	0.0904	UJ	0.0904
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.071	0.071	UJ	0.071
	PCB-087/115		0.0865	0.0865	UJ	0.0865
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0726	0.0726	UJ	0.0726
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0929	0.0929	UJ	0.0929
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.069	0.069	UJ	0.069
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0728	0.0728	UJ	0.0728
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.114	0.114	UJ	0.114
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.2206	0.2206	UJ	0.2206
	PCB-107/108		0.1149	0.1149	UJ	0.1149
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.1419	0.1419	UJ	0.1419
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.1031	0.1031	UJ	0.1031

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (018-082714-1455)	Date Extracted:	10/10/2014
Field ID:	#14-13441 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142250	HRMS File:	FS10211408 FS10251414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.1311	0.1311	UJ	0.1311
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.1413	0.1413	UJ	0.1413
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.1067	0.1067	UJ	0.1067
	PCB-105/127		0.1675	0.1675	UJ	0.1675
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.3085	0.3085	UJ	0.3085
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.1213	0.1213	UJ	0.1213
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.1405	0.1405	UJ	0.1405
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.13	0.13	UJ	0.13
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.1442	0.1442	UJ	0.1442
	PCB-136/148		0.1514	0.1514	UJ	0.1514
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.1621	0.1621	UJ	0.1621
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.1855	0.1855	UJ	0.1855
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.281	0.2133	NJ	0.2133
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.165	0.165	UJ	0.165
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.2553	0.2553	UJ	0.2553
	PCB-139/149		0.1887	0.1887	UJ	0.1887
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.257	0.257	UJ	0.257
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.2827	0.2827	UJ	0.2827
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.364	0.364	UJ	0.364
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.2917	0.2917	UJ	0.2917
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.3513	0.3513	UJ	0.3513
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.2706	0.2706	UJ	0.2706
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.2666	0.2666	UJ	0.2666
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.2179	0.2179	UJ	0.2179
	PCB-132/161		0.2409	0.2409	UJ	0.2409
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.445	0.2374	N	0.2374
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.258	0.258	UJ	0.258
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.2964	0.2964	UJ	0.2964
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.3082	0.3082	UJ	0.3082
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.3211	0.3211	UJ	0.3211
	PCB-163/164		0.2398	0.2398	UJ	0.2398
	PCB-138/160		0.2632	0.2632	UJ	0.2632
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.337	0.2091	NJ	0.2091
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.2604	0.2604	UJ	0.2604
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.769	0.2127	N	0.2127
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.2057	0.2057	UJ	0.2057
	PCB-128/162		0.2627	0.2627	UJ	0.2627
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.2301	0.2301	UJ	0.2301
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.2395	0.2395	UJ	0.2395
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.2466	0.2466	UJ	0.2466
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.4727	0.4727	U	0.4727
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.1392	0.1392	UJ	0.1392
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.1405	0.1405	UJ	0.1405
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.1323	0.1323	UJ	0.1323
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.1457	0.1457	UJ	0.1457
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.1574	0.1574	UJ	0.1574
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.1971	0.1971	UJ	0.1971
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.1912	0.1912	UJ	0.1912
	PCB-182/187		0.1691	0.1691	UJ	0.1691
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.1754	0.1754	UJ	0.1754
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.1994	0.1994	UJ	0.1994

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (018-082714-1455)	Date Extracted:	10/10/2014
Field ID:	#14-13441 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142250	HRMS File:	FS10211408 FS10251414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.2054	0.2054	UJ	0.2054
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.1952	0.1952	UJ	0.1952
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.1885	0.1885	UJ	0.1885
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.1962	0.1962	UJ	0.1962
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.1854	0.1854	UJ	0.1854
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.2068	0.2068	UJ	0.2068
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.1752	0.1752	UJ	0.1752
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.2366	0.2366	UJ	0.2366
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.35	0.1476	NJ	0.1476
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.1505	0.1505	UJ	0.1505
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.2108	0.2108	UJ	0.2108
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.1381	0.1381	UJ	0.1381
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.2423	0.2423	UJ	0.2423
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.212	0.212	UJ	0.212
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.1886	0.1886	UJ	0.1886
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.528	0.1851	N	0.1851
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.2026	0.2026	UJ	0.2026
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.1969	0.1969	UJ	0.1969
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.2605	0.2605	UJ	0.2605
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.2837	0.2837	UJ	0.2837
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.2547	0.2547	UJ	0.2547
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.929	0.2621	N	0.2621
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.3179	0.3179	UJ	0.3179
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.2843	0.2843	UJ	0.2843
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.2655	0.2655	UJ	0.2655
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.4475	0.4475	U	0.4475
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.4531	0.4531	U	0.4531
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.6105	0.6105	U	0.6105
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.2968	0.2968	UJ	0.2968

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.103	0.0535	J
Dichlorobiphenyls	12	0.073	0.073	UJ
Trichlorobiphenyls	24	0.225	0.0314	BJ
Tetrachlorobiphenyls	42	0.291	0.0349	J
Pentachlorobiphenyls	46	0.0421	0.0421	UJ
Hexachlorobiphenyls	42	0.1213	0.1213	UJ
Heptachlorobiphenyls	24	0.1323	0.1323	UJ
Octachlorobiphenyls	12	0.1851	0.1851	UJ
Nonachlorobiphenyls	3	0.4475	0.4475	U
Decachlorobiphenyl	1	0.2968	0.2968	UJ
Total PCB		0.619	0.0314	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (018-082714-1455)	Date Extracted:	10/10/2014
Field ID:	#14-13441 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142250	HRMS File:	FS10211408 FS10251414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	9	5	145
$^{13}C_{12}$-4-MoCB	3L	30	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	29	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	50	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	29	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	116	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	88	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	53	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	36	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	115	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	114	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	104	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	107	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	101	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	74	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	66	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	58	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	53	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	62	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	52	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	75	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	142	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	37	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	91	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	87	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	55	10	145
$^{13}C_{12}$-DeCB	209L	54	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	123	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	74	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	68	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (024-082714-1504)	Date Extracted:	10/10/2014
Field ID:	#14-13442 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142251	HRMS File:	FS10211409 FS10251415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0773	0.0354	NJ	0.0354
3-MoCB	PCB-002	2051-61-8	0.0336	0.0336	UJ	0.0336
4-MoCB	PCB-003	2051-62-9	0.0267	0.0267	UJ	0.0267
2,6-DiCB	PCB-010	33146-45-1	0.0395	0.0395	UJ	0.0395
2,2'-DiCB	PCB-004	13029-08-8	0.0668	0.0668	UJ	0.0668
2,5-DiCB	PCB-009	34883-39-1	0.041	0.041	UJ	0.041
2,4-DiCB	PCB-007	33284-50-3	0.0335	0.0335	UJ	0.0335
2,3'-DiCB	PCB-006	25569-80-6	0.0392	0.0392	UJ	0.0392
2,3/2,4'-DiCB	PCB-005/008		0.0874	0.0363	J	0.0363
3,5-DiCB	PCB-014	34883-41-5	0.0435	0.0435	UJ	0.0435
3,3'-DiCB	PCB-011	2050-67-1	0.321	0.0439	J	0.0439
3,4/3,4'-DiCB	PCB-012/013		0.0417	0.0417	UJ	0.0417
4,4'-DiCB	PCB-015	2050-68-2	0.0525	0.0525	UJ	0.0525
2,2',6-TrCB	PCB-019	38444-73-4	0.0456	0.0456	UJ	0.0456
2,4,6-TrCB	PCB-030	35693-92-6	0.0294	0.0294	UJ	0.0294
2,2',5-TrCB	PCB-018	37680-65-2	0.0897	0.0411	NJ	0.0411
2,2',4-TrCB	PCB-017	37680-66-3	0.0414	0.0414	UJ	0.0414
2,3,6-TrCB	PCB-024	55702-45-9	0.0339	0.0339	UJ	0.0339
2,3',6-TrCB	PCB-027	38444-76-7	0.0248	0.0248	UJ	0.0248
2,4',6-TrCB	PCB-032	38444-77-8	0.0616	0.0301	J	0.0301
2,2',3-TrCB	PCB-016	38444-78-9	0.0491	0.0491	UJ	0.0491
2,3,5-TrCB	PCB-023	55720-44-0	0.0424	0.0424	UJ	0.0424
2,3',5'-TrCB	PCB-034	37680-68-5	0.04	0.04	UJ	0.04
2,4,5-TrCB	PCB-029	15862-07-4	0.0321	0.0321	UJ	0.0321
2,3',5-TrCB	PCB-026	38444-81-4	0.036	0.036	UJ	0.036
2,3',4-TrCB	PCB-025	55712-37-3	0.0403	0.0403	UJ	0.0403
2,4',5-TrCB	PCB-031	16606-02-3	0.0306	0.0306	UJ	0.0306
2,4,4'-TrCB	PCB-028	7012-37-5	0.153	0.0364	J	0.0364
2,3,4-TrCB	PCB-021	55702-46-0	0.0488	0.0488	UJ	0.0488
	PCB-020/033		0.0392	0.0392	UJ	0.0392
2,3,4'-TrCB	PCB-022	38444-85-8	0.0477	0.0477	UJ	0.0477
3,3',5-TrCB	PCB-036	38444-87-0	0.176	0.0406	NJ	0.0406
3,4',5-TrCB	PCB-039	38444-88-1	0.0426	0.0426	UJ	0.0426
3,4,5-TrCB	PCB-038	53555-66-1	0.0485	0.0485	UJ	0.0485
3,3',4-TrCB	PCB-035	37680-69-6	0.0491	0.0491	UJ	0.0491
3,4,4'-TrCB	PCB-037	38444-90-5	0.0748	0.0748	UJ	0.0748
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0211	0.0211	UJ	0.0211
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0509	0.0509	UJ	0.0509
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0537	0.0537	UJ	0.0537
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0527	0.0527	UJ	0.0527
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0559	0.0559	UJ	0.0559
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0683	0.0683	UJ	0.0683
	PCB-052/069		0.0485	0.0485	UJ	0.0485
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0387	0.0387	UJ	0.0387
	PCB-043/049		0.0562	0.0562	UJ	0.0562
	PCB-065/075		0.0377	0.0377	UJ	0.0377
	PCB-047/048		0.0546	0.0546	UJ	0.0546
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0474	0.0474	UJ	0.0474
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0695	0.0695	UJ	0.0695
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0452	0.0452	UJ	0.0452
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0608	0.0608	UJ	0.0608

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (024-082714-1504)	Date Extracted:	10/10/2014
Field ID:	#14-13442 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142251	HRMS File:	FS10211409 FS10251415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0441	0.0441	UJ	0.0441
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0767	0.0354	NJ	0.0354
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0617	0.0617	UJ	0.0617
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.04	0.04	UJ	0.04
	PCB-040/057		0.0538	0.0538	UJ	0.0538
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0475	0.0475	UJ	0.0475
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0452	0.0452	UJ	0.0452
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0392	0.0392	UJ	0.0392
2,3,4,5-TeCB	PCB-061	33284-53-6	0.051	0.051	UJ	0.051
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0428	0.0428	UJ	0.0428
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0541	0.0541	UJ	0.0541
	PCB-055/080		0.0865	0.0448	NJ	0.0448
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0373	0.0373	UJ	0.0373
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.153	0.0451	NJ	0.0451
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0526	0.0526	UJ	0.0526
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0491	0.0491	UJ	0.0491
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0484	0.0484	UJ	0.0484
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0492	0.0492	UJ	0.0492
3,4,4',5-TeCB	PCB-081	70362-50-4	0.2297	0.2297	UJ	0.2297
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.2248	0.2248	UJ	0.2248
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0317	0.0317	UJ	0.0317
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0456	0.0456	UJ	0.0456
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.054	0.054	UJ	0.054
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0608	0.0608	UJ	0.0608
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0713	0.0713	UJ	0.0713
	PCB-093/098/102		0.0684	0.0684	UJ	0.0684
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0705	0.0552	NJ	0.0552
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0651	0.0651	UJ	0.0651
	PCB-091/121		0.0536	0.0536	UJ	0.0536
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0658	0.0658	UJ	0.0658
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0746	0.0746	UJ	0.0746
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0635	0.0635	UJ	0.0635
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0736	0.0736	UJ	0.0736
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.166	0.0631	BJ	0.0631
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0533	0.0533	UJ	0.0533
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0587	0.0587	UJ	0.0587
	PCB-112/119		0.048	0.048	UJ	0.048
	PCB-083/109		0.0624	0.0624	UJ	0.0624
	PCB-086/117		0.0599	0.0599	UJ	0.0599
	PCB-097/116		0.065	0.065	UJ	0.065
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.106	0.0511	NJ	0.0511
	PCB-087/115		0.106	0.0622	NJ	0.0622
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0522	0.0522	UJ	0.0522
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0668	0.0668	UJ	0.0668
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.127	0.0497	NJ	0.0497
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0524	0.0524	UJ	0.0524
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.082	0.082	UJ	0.082
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.1793	0.1793	UJ	0.1793
	PCB-107/108		0.0827	0.0827	UJ	0.0827
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0977	0.0977	UJ	0.0977
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0742	0.0742	UJ	0.0742

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (024-082714-1504)	Date Extracted:	10/10/2014
Field ID:	#14-13442 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142251	HRMS File:	FS10211409 FS10251415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0843	0.0843	UJ	0.0843
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.1114	0.1114	UJ	0.1114
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0767	0.0767	UJ	0.0767
	PCB-105/127		0.1121	0.1121	UJ	0.1121
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.301	0.301	UJ	0.301
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0728	0.0728	UJ	0.0728
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.1036	0.1036	UJ	0.1036
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0959	0.0959	UJ	0.0959
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.1064	0.1064	UJ	0.1064
	PCB-136/148		0.1117	0.1117	UJ	0.1117
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.1196	0.1196	UJ	0.1196
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.1369	0.1369	UJ	0.1369
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.1574	0.1574	UJ	0.1574
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.1217	0.1217	UJ	0.1217
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.1883	0.1883	UJ	0.1883
	PCB-139/149		0.1392	0.1392	UJ	0.1392
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.1896	0.1896	UJ	0.1896
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.2086	0.2086	UJ	0.2086
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.2685	0.2685	UJ	0.2685
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.2152	0.2152	UJ	0.2152
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.2592	0.2592	UJ	0.2592
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.1996	0.1996	UJ	0.1996
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.1967	0.1967	UJ	0.1967
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.1608	0.1608	UJ	0.1608
	PCB-132/161		0.1778	0.1778	UJ	0.1778
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.218	0.1752	NJ	0.1752
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.1903	0.1903	UJ	0.1903
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.2187	0.2187	UJ	0.2187
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.2274	0.2274	UJ	0.2274
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.2369	0.2369	UJ	0.2369
	PCB-163/164		0.1769	0.1769	UJ	0.1769
	PCB-138/160		0.1942	0.1942	UJ	0.1942
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.1543	0.1543	UJ	0.1543
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.241	0.1921	NJ	0.1921
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.157	0.157	UJ	0.157
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.1518	0.1518	UJ	0.1518
	PCB-128/162		0.1938	0.1938	UJ	0.1938
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.333	0.1921	NJ	0.1921
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.2061	0.2061	UJ	0.2061
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.2075	0.2075	UJ	0.2075
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.399	0.399	UJ	0.399
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0949	0.0949	UJ	0.0949
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.1081	0.1081	UJ	0.1081
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.1018	0.1018	UJ	0.1018
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.112	0.112	UJ	0.112
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.1211	0.1211	UJ	0.1211
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.1516	0.1516	UJ	0.1516
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.1471	0.1471	UJ	0.1471
	PCB-182/187		0.13	0.13	UJ	0.13
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.1349	0.1349	UJ	0.1349
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.1534	0.1534	UJ	0.1534

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (024-082714-1504)	Date Extracted:	10/10/2014
Field ID:	#14-13442 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142251	HRMS File:	FS10211409 FS10251415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.158	0.158	UJ	0.158
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.1502	0.1502	UJ	0.1502
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.145	0.145	UJ	0.145
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.151	0.151	UJ	0.151
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.1426	0.1426	UJ	0.1426
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.1591	0.1591	UJ	0.1591
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.1348	0.1348	UJ	0.1348
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.247	0.182	NJ	0.182
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.1135	0.1135	UJ	0.1135
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.1158	0.1158	UJ	0.1158
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.1622	0.1622	UJ	0.1622
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.1063	0.1063	UJ	0.1063
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.2488	0.2488	UJ	0.2488
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.158	0.158	UJ	0.158
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.1532	0.1532	UJ	0.1532
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.1504	0.1504	UJ	0.1504
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.1646	0.1646	UJ	0.1646
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.16	0.16	UJ	0.16
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.2116	0.2116	UJ	0.2116
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.2305	0.2305	UJ	0.2305
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.2069	0.2069	UJ	0.2069
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.213	0.213	UJ	0.213
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.2583	0.2583	UJ	0.2583
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.231	0.231	UJ	0.231
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.2401	0.2401	UJ	0.2401
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.3989	0.3989	UJ	0.3989
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.4126	0.4126	U	0.4126
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.5724	0.5724	U	0.5724
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.4019	0.4019	U	0.4019

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0267	0.0267	UJ
Dichlorobiphenyls	12	0.408	0.0335	
Trichlorobiphenyls	24	0.215	0.0248	BJ
Tetrachlorobiphenyls	42	0.0211	0.0211	UJ
Pentachlorobiphenyls	46	0.166	0.0317	BJ
Hexachlorobiphenyls	42	0.0728	0.0728	UJ
Heptachlorobiphenyls	24	0.0949	0.0949	UJ
Octachlorobiphenyls	12	0.1504	0.1504	UJ
Nonachlorobiphenyls	3	0.3989	0.3989	UJ
Decachlorobiphenyl	1	0.4019	0.4019	U
Total PCB		0.789	0.0211	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (024-082714-1504)	Date Extracted:	10/10/2014
Field ID:	#14-13442 (Oil)	Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PR142251	HRMS File:	FS10211409 FS10251415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	11	5	145
$^{13}C_{12}$-4-MoCB	3L	26	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	31	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	67	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	31	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	121	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	91	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	49	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	38	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	117	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	143	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	139	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	132	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	126	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	88	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	63	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	61	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	56	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	63	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	38	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	80	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	123	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	47	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	92	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	98	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	71	10	145
$^{13}C_{12}$-DeCB	209L	53	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	140	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	76	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	81	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #1	Date Extracted:	10/10/2014
Field ID:	#14-13444 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142253	HRMS File:	FS102214A12

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.23	0.0682	NJ	0.0682
3-MoCB	PCB-002	2051-61-8	0.0808	0.0808	UJ	0.0808
4-MoCB	PCB-003	2051-62-9	0.115	0.0802	J	0.0802
2,6-DiCB	PCB-010	33146-45-1	0.0323	0.0323	UJ	0.0323
2,2'-DiCB	PCB-004	13029-08-8	0.201	0.0438	J	0.0438
2,5-DiCB	PCB-009	34883-39-1	0.0335	0.0335	UJ	0.0335
2,4-DiCB	PCB-007	33284-50-3	0.0274	0.0274	UJ	0.0274
2,3'-DiCB	PCB-006	25569-80-6	0.032	0.032	UJ	0.032
2,3/2,4'-DiCB	PCB-005/008		0.0296	0.0296	UJ	0.0296
3,5-DiCB	PCB-014	34883-41-5	0.0355	0.0355	UJ	0.0355
3,3'-DiCB	PCB-011	2050-67-1	0.388	0.0359	J	0.0359
3,4/3,4'-DiCB	PCB-012/013		0.0341	0.0341	UJ	0.0341
4,4'-DiCB	PCB-015	2050-68-2	0.0524	0.0524	UJ	0.0524
2,2',6-TrCB	PCB-019	38444-73-4	0.0193	0.0193	UJ	0.0193
2,4,6-TrCB	PCB-030	35693-92-6	0.0166	0.0166	UJ	0.0166
2,2',5-TrCB	PCB-018	37680-65-2	0.091	0.0209	J	0.0209
2,2',4-TrCB	PCB-017	37680-66-3	0.04	0.0234	J	0.0234
2,3,6-TrCB	PCB-024	55702-45-9	0.0192	0.0192	UJ	0.0192
2,3',6-TrCB	PCB-027	38444-76-7	0.0126	0.0126	UJ	0.0126
2,4',6-TrCB	PCB-032	38444-77-8	0.017	0.017	UJ	0.017
2,2',3-TrCB	PCB-016	38444-78-9	0.0482	0.0278	J	0.0278
2,3,5-TrCB	PCB-023	55720-44-0	0.034	0.0215	NJ	0.0215
2,3',5'-TrCB	PCB-034	37680-68-5	0.0227	0.0227	UJ	0.0227
2,4,5-TrCB	PCB-029	15862-07-4	0.0163	0.0163	UJ	0.0163
2,3',5-TrCB	PCB-026	38444-81-4	0.0796	0.0182	J	0.0182
2,3',4-TrCB	PCB-025	55712-37-3	0.0205	0.0205	UJ	0.0205
2,4',5-TrCB	PCB-031	16606-02-3	0.0157	0.0155	NJ	0.0155
2,4,4'-TrCB	PCB-028	7012-37-5	0.0325	0.0206	NJ	0.0206
2,3,4-TrCB	PCB-021	55702-46-0	0.0276	0.0276	UJ	0.0276
	PCB-020/033		0.0222	0.0222	UJ	0.0222
2,3,4'-TrCB	PCB-022	38444-85-8	0.0904	0.027	UJ	0.027
3,3',5-TrCB	PCB-036	38444-87-0	0.023	0.023	UJ	0.023
3,4',5-TrCB	PCB-039	38444-88-1	0.0241	0.0241	UJ	0.0241
3,4,5-TrCB	PCB-038	53555-66-1	0.0394	0.0275	NJ	0.0275
3,3',4-TrCB	PCB-035	37680-69-6	0.0278	0.0278	UJ	0.0278
3,4,4'-TrCB	PCB-037	38444-90-5	0.0802	0.0802	UJ	0.0802
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0179	0.0179	UJ	0.0179
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0487	0.0404	J	0.0404
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0426	0.0426	UJ	0.0426
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0418	0.0418	UJ	0.0418
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0444	0.0444	UJ	0.0444
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0543	0.0543	UJ	0.0543
	PCB-052/069		0.117	0.0385	BJ	0.0385
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0307	0.0307	UJ	0.0307
	PCB-043/049		0.0447	0.0447	UJ	0.0447
	PCB-065/075		0.03	0.03	UJ	0.03
	PCB-047/048		0.113	0.0434	J	0.0434
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0376	0.0376	UJ	0.0376
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0807	0.0552	NJ	0.0552
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0359	0.0359	UJ	0.0359
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0483	0.0483	UJ	0.0483

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #1	Date Extracted:	10/10/2014
Field ID:	#14-13444 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142253	HRMS File:	FS102214A12

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.035	0.035	UJ	0.035
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0421	0.0281	NJ	0.0281
2,2',3,4-TeCB	PCB-041	52663-59-9	0.049	0.049	UJ	0.049
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0318	0.0318	UJ	0.0318
	PCB-040/057		0.0427	0.0427	UJ	0.0427
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0377	0.0377	UJ	0.0377
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0359	0.0359	UJ	0.0359
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0461	0.0311	NJ	0.0311
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0405	0.0405	UJ	0.0405
2,4,4',5-TeCB	PCB-074	32690-93-0	0.034	0.034	UJ	0.034
2,3',4',5-TeCB	PCB-070	32598-11-1	0.043	0.043	UJ	0.043
	PCB-055/080		0.109	0.0356	J	0.0356
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0296	0.0296	UJ	0.0296
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0358	0.0358	UJ	0.0358
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0418	0.0418	UJ	0.0418
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.039	0.039	UJ	0.039
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0384	0.0384	UJ	0.0384
3,3',4,5-TeCB	PCB-078	70362-49-1	0.039	0.039	UJ	0.039
3,4,4',5-TeCB	PCB-081	70362-50-4	0.126	0.126	UJ	0.126
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.1403	0.1403	UJ	0.1403
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0214	0.0214	UJ	0.0214
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0308	0.0308	UJ	0.0308
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0365	0.0365	UJ	0.0365
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0411	0.0411	UJ	0.0411
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0482	0.0482	UJ	0.0482
	PCB-093/098/102		0.0462	0.0462	UJ	0.0462
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.143	0.0373	J	0.0373
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.044	0.044	UJ	0.044
	PCB-091/121		0.0362	0.0362	UJ	0.0362
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0444	0.0444	UJ	0.0444
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0504	0.0504	UJ	0.0504
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0429	0.0429	UJ	0.0429
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0497	0.0497	UJ	0.0497
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.167	0.0426	BJ	0.0426
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.036	0.036	UJ	0.036
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0396	0.0396	UJ	0.0396
	PCB-112/119		0.0324	0.0324	UJ	0.0324
	PCB-083/109		0.0422	0.0422	UJ	0.0422
	PCB-086/117		0.0405	0.0405	UJ	0.0405
	PCB-097/116		0.0439	0.0439	UJ	0.0439
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0345	0.0345	UJ	0.0345
	PCB-087/115		0.0639	0.042	NJ	0.042
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0353	0.0353	UJ	0.0353
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0451	0.0451	UJ	0.0451
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0335	0.0335	UJ	0.0335
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0354	0.0354	UJ	0.0354
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0554	0.0554	UJ	0.0554
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0985	0.0985	UJ	0.0985
	PCB-107/108		0.0558	0.0558	UJ	0.0558
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0613	0.0613	UJ	0.0613
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0501	0.0501	UJ	0.0501

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #1	Date Extracted:	10/10/2014
Field ID:	#14-13444 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142253	HRMS File:	FS102214A12

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0652	0.0652	UJ	0.0652
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0704	0.0704	UJ	0.0704
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0518	0.0518	UJ	0.0518
	PCB-105/127		0.0749	0.0749	UJ	0.0749
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.1341	0.1341	UJ	0.1341
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0635	0.0635	UJ	0.0635
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0733	0.0733	UJ	0.0733
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0678	0.0678	UJ	0.0678
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0752	0.0752	UJ	0.0752
	PCB-136/148		0.079	0.079	UJ	0.079
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0846	0.0846	UJ	0.0846
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0967	0.0967	UJ	0.0967
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.1113	0.1113	UJ	0.1113
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.086	0.086	UJ	0.086
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.1331	0.1331	UJ	0.1331
	PCB-139/149		0.248	0.0984	BJ	0.0984
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.134	0.134	UJ	0.134
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.1474	0.1474	UJ	0.1474
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.1898	0.1898	UJ	0.1898
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.333	0.1521	J	0.1521
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.1832	0.1832	UJ	0.1832
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.1411	0.1411	UJ	0.1411
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.1391	0.1391	UJ	0.1391
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.1136	0.1136	UJ	0.1136
	PCB-132/161		0.1257	0.1257	UJ	0.1257
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.299	0.1238	BJ	0.1238
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.1345	0.1345	UJ	0.1345
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.1546	0.1546	UJ	0.1546
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.1607	0.1607	UJ	0.1607
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.1675	0.1675	UJ	0.1675
	PCB-163/164		0.125	0.125	UJ	0.125
	PCB-138/160		0.346	0.1373	BJ	0.1373
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.1091	0.1091	UJ	0.1091
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.1358	0.1358	UJ	0.1358
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.325	0.1109	J	0.1109
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.1073	0.1073	UJ	0.1073
	PCB-128/162		0.345	0.137	NJ	0.137
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.1198	0.1198	UJ	0.1198
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.1298	0.1298	UJ	0.1298
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.1295	0.1295	UJ	0.1295
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.2269	0.2269	UJ	0.2269
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0704	0.0704	UJ	0.0704
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0684	0.0684	UJ	0.0684
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0644	0.0644	UJ	0.0644
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0709	0.0709	UJ	0.0709
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0767	0.0767	UJ	0.0767
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.096	0.096	UJ	0.096
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0931	0.0931	UJ	0.0931
	PCB-182/187		0.0823	0.0823	UJ	0.0823
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.1	0.0854	NJ	0.0854
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0971	0.0971	UJ	0.0971

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #1	Date Extracted:	10/10/2014
Field ID:	#14-13444 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142253	HRMS File:	FS102214A12

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.131	0.1	NJ	0.1
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.131	0.0951	NJ	0.0951
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0918	0.0918	UJ	0.0918
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0956	0.0956	UJ	0.0956
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0903	0.0903	UJ	0.0903
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.1007	0.1007	UJ	0.1007
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0853	0.0853	UJ	0.0853
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.34	0.1152	BJ	0.1152
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0719	0.0719	UJ	0.0719
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0733	0.0733	UJ	0.0733
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.1027	0.1027	UJ	0.1027
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0673	0.0673	UJ	0.0673
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.11	0.11	UJ	0.11
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0784	0.0784	UJ	0.0784
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0721	0.0721	UJ	0.0721
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0708	0.0708	UJ	0.0708
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0775	0.0775	UJ	0.0775
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0753	0.0753	UJ	0.0753
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0996	0.0996	UJ	0.0996
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.1085	0.1085	UJ	0.1085
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0974	0.0974	UJ	0.0974
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.1002	0.1002	UJ	0.1002
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.1215	0.1215	UJ	0.1215
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.1087	0.1087	UJ	0.1087
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.626	0.1055	N	0.1055
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.131	0.131	UJ	0.131
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.1287	0.1287	UJ	0.1287
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.624	0.1668	N	0.1668
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.91	0.1399	N	0.1399

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.115	0.0682	J
Dichlorobiphenyls	12	0.588	0.0274	
Trichlorobiphenyls	24	0.259	0.0126	BJ
Tetrachlorobiphenyls	42	0.387	0.0179	J
Pentachlorobiphenyls	46	0.31	0.0214	BJ
Hexachlorobiphenyls	42	1.55	0.0635	B
Heptachlorobiphenyls	24	0.34	0.0644	BJ
Octachlorobiphenyls	12	0.0708	0.0708	UJ
Nonachlorobiphenyls	3	0.1287	0.1287	UJ
Decachlorobiphenyl	1	0.1399	0.1399	UJ
Total PCB		3.55	0.0126	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	Replicate #1	Date Extracted:	10/10/2014
Field ID:	#14-13444 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142253	HRMS File:	FS102214A12

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	12	5	145
$^{13}C_{12}$-4-MoCB	3L	10	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	33	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	51	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	37	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	85	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	84	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	54	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	31	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	100	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	117	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	114	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	108	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	106	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	78	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	62	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	66	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	63	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	54	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	76	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	123	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	43	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	79	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	92	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	69	10	145
$^{13}C_{12}$-DeCB	209L	53	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	123	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	72	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	67	10	145

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DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Prodcut Sample (017-082614-1400)	Date Extracted:	10/10/2014
Field ID:	#14-13454 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142263	HRMS File:	FS102214A09

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0555	0.0555	UJ	0.0555
3-MoCB	PCB-002	2051-61-8	0.052	0.052	UJ	0.052
4-MoCB	PCB-003	2051-62-9	0.041	0.041	UJ	0.041
2,6-DiCB	PCB-010	33146-45-1	0.0215	0.0215	UJ	0.0215
2,2'-DiCB	PCB-004	13029-08-8	0.0296	0.0296	UJ	0.0296
2,5-DiCB	PCB-009	34883-39-1	0.0224	0.0224	UJ	0.0224
2,4-DiCB	PCB-007	33284-50-3	0.0183	0.0183	UJ	0.0183
2,3'-DiCB	PCB-006	25569-80-6	0.0214	0.0214	UJ	0.0214
2,3/2,4'-DiCB	PCB-005/008		0.104	0.0198	J	0.0198
3,5-DiCB	PCB-014	34883-41-5	0.0237	0.0237	UJ	0.0237
3,3'-DiCB	PCB-011	2050-67-1	0.534	0.0239		0.0239
3,4/3,4'-DiCB	PCB-012/013		0.0228	0.0228	UJ	0.0228
4,4'-DiCB	PCB-015	2050-68-2	0.0346	0.0346	UJ	0.0346
2,2',6-TrCB	PCB-019	38444-73-4	0.0129	0.0129	UJ	0.0129
2,4,6-TrCB	PCB-030	35693-92-6	0.0112	0.0112	UJ	0.0112
2,2',5-TrCB	PCB-018	37680-65-2	0.0744	0.0144	J	0.0144
2,2',4-TrCB	PCB-017	37680-66-3	0.0307	0.0158	J	0.0158
2,3,6-TrCB	PCB-024	55702-45-9	0.013	0.013	UJ	0.013
2,3',6-TrCB	PCB-027	38444-76-7	0.0087	0.0087	UJ	0.0087
2,4',6-TrCB	PCB-032	38444-77-8	0.0115	0.0115	UJ	0.0115
2,2',3-TrCB	PCB-016	38444-78-9	0.0187	0.0187	UJ	0.0187
2,3,5-TrCB	PCB-023	55720-44-0	0.0149	0.0149	UJ	0.0149
2,3',5'-TrCB	PCB-034	37680-68-5	0.0153	0.0153	UJ	0.0153
2,4,5-TrCB	PCB-029	15862-07-4	0.0112	0.0112	UJ	0.0112
2,3',5-TrCB	PCB-026	38444-81-4	0.0126	0.0126	UJ	0.0126
2,3',4-TrCB	PCB-025	55712-37-3	0.0141	0.0141	UJ	0.0141
2,4',5-TrCB	PCB-031	16606-02-3	0.0107	0.0107	UJ	0.0107
2,4,4'-TrCB	PCB-028	7012-37-5	0.0703	0.0139	J	0.0139
2,3,4-TrCB	PCB-021	55702-46-0	0.0187	0.0187	UJ	0.0187
	PCB-020/033		0.015	0.015	UJ	0.015
2,3,4'-TrCB	PCB-022	38444-85-8	0.0182	0.0182	UJ	0.0182
3,3',5-TrCB	PCB-036	38444-87-0	0.0155	0.0155	UJ	0.0155
3,4',5-TrCB	PCB-039	38444-88-1	0.023	0.0163	NJ	0.0163
3,4,5-TrCB	PCB-038	53555-66-1	0.0186	0.0186	UJ	0.0186
3,3',4-TrCB	PCB-035	37680-69-6	0.0188	0.0188	UJ	0.0188
3,4,4'-TrCB	PCB-037	38444-90-5	0.0557	0.0557	UJ	0.0557
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.011	0.011	UJ	0.011
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0258	0.0258	UJ	0.0258
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0273	0.0273	UJ	0.0273
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0268	0.0268	UJ	0.0268
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0284	0.0284	UJ	0.0284
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0347	0.0347	UJ	0.0347
	PCB-052/069		0.111	0.0246	BJ	0.0246
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0197	0.0197	UJ	0.0197
	PCB-043/049		0.0603	0.0286	NJ	0.0286
	PCB-065/075		0.0192	0.0192	UJ	0.0192
	PCB-047/048		0.0278	0.0278	UJ	0.0278
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0241	0.0241	UJ	0.0241
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0353	0.0353	UJ	0.0353
2,3,3',6-TeCB	PCB-059	74472-33-6	0.023	0.023	UJ	0.023
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0309	0.0309	UJ	0.0309

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Prodcut Sample (017-082614-1400)	Date Extracted:	10/10/2014
Field ID:	#14-13454 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142263	HRMS File:	FS102214A09

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0224	0.0224	UJ	0.0224
2,3',4',6-TeCB	PCB-071	41464-46-4	0.018	0.018	UJ	0.018
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0313	0.0313	UJ	0.0313
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0203	0.0203	UJ	0.0203
	PCB-040/057		0.0273	0.0273	UJ	0.0273
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0241	0.0241	UJ	0.0241
2,3,4',5-TeCB	PCB-063	74472-34-7	0.023	0.023	UJ	0.023
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0364	0.0199	NJ	0.0199
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0259	0.0259	UJ	0.0259
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0217	0.0217	UJ	0.0217
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0275	0.0275	UJ	0.0275
	PCB-055/080		0.0228	0.0228	UJ	0.0228
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.019	0.019	UJ	0.019
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0905	0.0229	J	0.0229
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0267	0.0267	UJ	0.0267
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0249	0.0249	UJ	0.0249
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.102	0.0246	UJ	0.0246
3,3',4,5-TeCB	PCB-078	70362-49-1	0.025	0.025	UJ	0.025
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0974	0.0974	UJ	0.0974
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.1091	0.1091	UJ	0.1091
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0141	0.0141	UJ	0.0141
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0207	0.0207	UJ	0.0207
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0245	0.0245	UJ	0.0245
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0276	0.0276	UJ	0.0276
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0324	0.0324	UJ	0.0324
	PCB-093/098/102		0.031	0.031	UJ	0.031
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0648	0.0251	J	0.0251
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0295	0.0295	UJ	0.0295
	PCB-091/121		0.0243	0.0243	UJ	0.0243
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0298	0.0298	UJ	0.0298
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0338	0.0338	UJ	0.0338
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0288	0.0288	UJ	0.0288
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0334	0.0334	UJ	0.0334
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.104	0.0286	BJ	0.0286
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0242	0.0242	UJ	0.0242
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0266	0.0266	UJ	0.0266
	PCB-112/119		0.0218	0.0218	UJ	0.0218
	PCB-083/109		0.0283	0.0283	UJ	0.0283
	PCB-086/117		0.0272	0.0272	UJ	0.0272
	PCB-097/116		0.0295	0.0295	UJ	0.0295
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0232	0.0232	UJ	0.0232
	PCB-087/115		0.0282	0.0282	UJ	0.0282
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0237	0.0237	UJ	0.0237
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0303	0.0303	UJ	0.0303
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0225	0.0225	UJ	0.0225
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0238	0.0238	UJ	0.0238
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0372	0.0372	UJ	0.0372
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0777	0.0777	UJ	0.0777
	PCB-107/108		0.0375	0.0375	UJ	0.0375
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0457	0.0457	UJ	0.0457
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0337	0.0337	UJ	0.0337

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Prodcut Sample (017-082614-1400)	Date Extracted:	10/10/2014
Field ID:	#14-13454 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142263	HRMS File:	FS102214A09

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0431	0.0431	UJ	0.0431
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0464	0.0464	UJ	0.0464
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.102	0.0348	NJ	0.0348
	PCB-105/127		0.0497	0.0497	UJ	0.0497
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.1252	0.1252	UJ	0.1252
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0353	0.0353	UJ	0.0353
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0493	0.0493	UJ	0.0493
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0456	0.0456	UJ	0.0456
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0506	0.0506	UJ	0.0506
	PCB-136/148		0.0531	0.0531	UJ	0.0531
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0569	0.0569	UJ	0.0569
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0651	0.0651	UJ	0.0651
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0748	0.0748	UJ	0.0748
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0579	0.0579	UJ	0.0579
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0896	0.0896	UJ	0.0896
	PCB-139/149		0.28	0.0662	BJ	0.0662
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0902	0.0902	UJ	0.0902
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0992	0.0992	UJ	0.0992
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.1277	0.1277	UJ	0.1277
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.1023	0.1023	UJ	0.1023
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.1233	0.1233	UJ	0.1233
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0949	0.0949	UJ	0.0949
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0936	0.0936	UJ	0.0936
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.13	0.0764	NJ	0.0764
	PCB-132/161		0.0845	0.0845	UJ	0.0845
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.645	0.0833	B	0.0833
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0905	0.0905	UJ	0.0905
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.104	0.104	UJ	0.104
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.1081	0.1081	UJ	0.1081
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.1127	0.1127	UJ	0.1127
	PCB-163/164		0.288	0.0841	NJ	0.0841
	PCB-138/160		0.445	0.0924	N	0.0924
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0734	0.0734	UJ	0.0734
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0914	0.0914	UJ	0.0914
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.172	0.0746	NJ	0.0746
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0722	0.0722	UJ	0.0722
	PCB-128/162		0.0922	0.0922	UJ	0.0922
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0848	0.0848	UJ	0.0848
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.1014	0.1014	UJ	0.1014
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0941	0.0941	UJ	0.0941
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.2052	0.2052	UJ	0.2052
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.06	0.06	UJ	0.06
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0697	0.0697	UJ	0.0697
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0656	0.0656	UJ	0.0656
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0723	0.0723	UJ	0.0723
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0781	0.0781	UJ	0.0781
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0978	0.0978	UJ	0.0978
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0948	0.0948	UJ	0.0948
	PCB-182/187		0.0839	0.0839	UJ	0.0839
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.087	0.087	UJ	0.087
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0989	0.0989	UJ	0.0989

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Prodcut Sample (017-082614-1400)	Date Extracted:	10/10/2014
Field ID:	#14-13454 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142263	HRMS File:	FS102214A09

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.106	0.1019	NJ	0.1019
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0968	0.0968	UJ	0.0968
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0935	0.0935	UJ	0.0935
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0973	0.0973	UJ	0.0973
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.092	0.092	UJ	0.092
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.1026	0.1026	UJ	0.1026
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0869	0.0869	UJ	0.0869
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.189	0.1174	NJ	0.1174
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0732	0.0732	UJ	0.0732
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0747	0.0747	UJ	0.0747
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.1046	0.1046	UJ	0.1046
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0685	0.0685	UJ	0.0685
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.1703	0.1703	UJ	0.1703
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0623	0.0623	UJ	0.0623
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.068	0.068	UJ	0.068
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0668	0.0668	UJ	0.0668
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0731	0.0731	UJ	0.0731
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0711	0.0711	UJ	0.0711
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.094	0.094	UJ	0.094
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.1024	0.1024	UJ	0.1024
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0919	0.0919	UJ	0.0919
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0946	0.0946	UJ	0.0946
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.1147	0.1147	UJ	0.1147
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.1026	0.1026	UJ	0.1026
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.1287	0.1287	UJ	0.1287
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.1681	0.1681	UJ	0.1681
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.1714	0.1714	UJ	0.1714
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.2332	0.2332	UJ	0.2332
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.2522	0.2522	UJ	0.2522

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.041	0.041	UJ
Dichlorobiphenyls	12	0.638	0.0183	
Trichlorobiphenyls	24	0.175	0.0087	BJ
Tetrachlorobiphenyls	42	0.202	0.011	BJ
Pentachlorobiphenyls	46	0.169	0.0141	BJ
Hexachlorobiphenyls	42	0.925	0.0353	B
Heptachlorobiphenyls	24	0.06	0.06	UJ
Octachlorobiphenyls	12	0.0623	0.0623	UJ
Nonachlorobiphenyls	3	0.1681	0.1681	UJ
Decachlorobiphenyl	1	0.2522	0.2522	UJ
Total PCB		2.11	0.0087	B

DATA REPORT

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Client ID:	PCB Prodcut Sample (017-082614-1400)	Date Extracted:	10/10/2014
Field ID:	#14-13454 (Oil)	Date Analysed:	10/23/2014
PRL ID:	PR142263	HRMS File:	FS102214A09

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	12	5	145
$^{13}C_{12}$-4-MoCB	3L	17	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	40	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	54	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	44	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	91	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	104	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	50	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	39	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	111	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	128	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	138	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	120	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	125	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	82	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	61	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	63	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	59	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	63	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	41	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	84	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	143	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	47	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	80	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	106	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	71	10	145
$^{13}C_{12}$-DeCB	209L	54	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	142	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	74	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	71	10	145

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Tel: + 604.532.8711 Fax: + 604.532.8712 Email: info@pacificrimlabs.com

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (015-091814-0935)	Date Extracted:	10/10/2014
Field ID:	#14-14789 (Oil)	Date Analysed:	10/23/2014 10/25/2014
PRL ID:	PR142517	HRMS File:	FS102214A08 FS10251408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.1	0.1	UJ	0.1
3-MoCB	PCB-002	2051-61-8	0.1427	0.1427	UJ	0.1427
4-MoCB	PCB-003	2051-62-9	0.219	0.1896	NJ	0.1896
2,6-DiCB	PCB-010	33146-45-1	0.0442	0.0442	UJ	0.0442
2,2'-DiCB	PCB-004	13029-08-8	0.047	0.047	UJ	0.047
2,5-DiCB	PCB-009	34883-39-1	0.0459	0.0459	UJ	0.0459
2,4-DiCB	PCB-007	33284-50-3	0.0374	0.0374	UJ	0.0374
2,3'-DiCB	PCB-006	25569-80-6	0.0438	0.0438	UJ	0.0438
2,3/2,4'-DiCB	PCB-005/008		0.0405	0.0405	UJ	0.0405
3,5-DiCB	PCB-014	34883-41-5	0.072	0.0486	NJ	0.0486
3,3'-DiCB	PCB-011	2050-67-1	0.288	0.0491	NJ	0.0491
3,4/3,4'-DiCB	PCB-012/013		0.0466	0.0466	UJ	0.0466
4,4'-DiCB	PCB-015	2050-68-2	0.1047	0.1047	UJ	0.1047
2,2',6-TrCB	PCB-019	38444-73-4	0.0189	0.0159	NJ	0.0159
2,4,6-TrCB	PCB-030	35693-92-6	0.0148	0.0148	UJ	0.0148
2,2',5-TrCB	PCB-018	37680-65-2	0.115	0.0178	J	0.0178
2,2',4-TrCB	PCB-017	37680-66-3	0.0242	0.0209	NJ	0.0209
2,3,6-TrCB	PCB-024	55702-45-9	0.0171	0.0171	UJ	0.0171
2,3',6-TrCB	PCB-027	38444-76-7	0.0107	0.0107	UJ	0.0107
2,4',6-TrCB	PCB-032	38444-77-8	0.0152	0.0152	UJ	0.0152
2,2',3-TrCB	PCB-016	38444-78-9	0.0247	0.0247	UJ	0.0247
2,3,5-TrCB	PCB-023	55720-44-0	0.025	0.0184	NJ	0.0184
2,3',5'-TrCB	PCB-034	37680-68-5	0.0202	0.0202	UJ	0.0202
2,4,5-TrCB	PCB-029	15862-07-4	0.0139	0.0139	UJ	0.0139
2,3',5-TrCB	PCB-026	38444-81-4	0.0156	0.0156	UJ	0.0156
2,3',4-TrCB	PCB-025	55712-37-3	0.0175	0.0175	UJ	0.0175
2,4',5-TrCB	PCB-031	16606-02-3	0.0373	0.0133	NJ	0.0133
2,4,4'-TrCB	PCB-028	7012-37-5	0.0221	0.0184	NJ	0.0184
2,3,4-TrCB	PCB-021	55702-46-0	0.0246	0.0246	UJ	0.0246
	PCB-020/033		0.0416	0.0198	NJ	0.0198
2,3,4'-TrCB	PCB-022	38444-85-8	0.0241	0.0241	UJ	0.0241
3,3',5-TrCB	PCB-036	38444-87-0	0.0205	0.0205	UJ	0.0205
3,4',5-TrCB	PCB-039	38444-88-1	0.0215	0.0215	UJ	0.0215
3,4,5-TrCB	PCB-038	53555-66-1	0.0245	0.0245	UJ	0.0245
3,3',4-TrCB	PCB-035	37680-69-6	0.0248	0.0248	UJ	0.0248
3,4,4'-TrCB	PCB-037	38444-90-5	0.098	0.098	UJ	0.098
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0124	0.0124	UJ	0.0124
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0279	0.0279	UJ	0.0279
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0295	0.0295	UJ	0.0295
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0289	0.0289	UJ	0.0289
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0307	0.0307	UJ	0.0307
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0375	0.0375	UJ	0.0375
	PCB-052/069		0.0429	0.0266	NJ	0.0266
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0213	0.0213	UJ	0.0213
	PCB-043/049		0.0309	0.0309	UJ	0.0309
	PCB-065/075		0.0207	0.0207	UJ	0.0207
	PCB-047/048		0.03	0.03	UJ	0.03
2,3,4,6-TeCB	PCB-062	54230-22-7	0.026	0.026	UJ	0.026
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0382	0.0382	UJ	0.0382
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0248	0.0248	UJ	0.0248
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0334	0.0334	UJ	0.0334

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PRL ID:	PR142517	HRMS File:	FS102214A08 FS10251408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0242	0.0242	UJ	0.0242
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0194	0.0194	UJ	0.0194
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0339	0.0339	UJ	0.0339
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.022	0.022	UJ	0.022
	PCB-040/057		0.0296	0.0296	UJ	0.0296
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0261	0.0261	UJ	0.0261
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0354	0.0248	NJ	0.0248
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0215	0.0215	UJ	0.0215
2,3,4,5-TeCB	PCB-061	33284-53-6	0.028	0.028	UJ	0.028
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0235	0.0235	UJ	0.0235
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0297	0.0297	UJ	0.0297
	PCB-055/080		0.0246	0.0246	UJ	0.0246
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0205	0.0205	UJ	0.0205
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0248	0.0248	UJ	0.0248
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0289	0.0289	UJ	0.0289
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.027	0.027	UJ	0.027
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0266	0.0266	UJ	0.0266
3,3',4,5-TeCB	PCB-078	70362-49-1	0.027	0.027	UJ	0.027
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0882	0.0882	UJ	0.0882
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0934	0.0934	UJ	0.0934
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0207	0.0207	UJ	0.0207
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0206	0.0206	UJ	0.0206
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0244	0.0244	UJ	0.0244
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0275	0.0275	UJ	0.0275
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0322	0.0322	UJ	0.0322
	PCB-093/098/102		0.0309	0.0309	UJ	0.0309
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.115	0.0249	J	0.0249
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0294	0.0294	UJ	0.0294
	PCB-091/121		0.0242	0.0242	UJ	0.0242
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0297	0.0297	UJ	0.0297
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0337	0.0337	UJ	0.0337
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0287	0.0287	UJ	0.0287
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0332	0.0332	UJ	0.0332
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0368	0.0285	NJ	0.0285
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.024	0.024	UJ	0.024
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0265	0.0265	UJ	0.0265
	PCB-112/119		0.0217	0.0217	UJ	0.0217
	PCB-083/109		0.0282	0.0282	UJ	0.0282
	PCB-086/117		0.027	0.027	UJ	0.027
	PCB-097/116		0.0294	0.0294	UJ	0.0294
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0231	0.0231	UJ	0.0231
	PCB-087/115		0.061	0.0281	NJ	0.0281
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0236	0.0236	UJ	0.0236
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0302	0.0302	UJ	0.0302
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0224	0.0224	UJ	0.0224
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.037	0.0237	BJ	0.0237
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.037	0.037	UJ	0.037
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0423	0.0423	UJ	0.0423
	PCB-107/108		0.0373	0.0373	UJ	0.0373
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0352	0.0352	UJ	0.0352
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0335	0.0335	UJ	0.0335

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PRL ID:	PR142517	HRMS File:	FS102214A08 FS10251408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0346	0.0346	UJ	0.0346
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0368	0.0368	UJ	0.0368
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0347	0.0347	UJ	0.0347
	PCB-105/127		0.0804	0.0383	NJ	0.0383
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0702	0.0702	UJ	0.0702
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0288	0.0288	UJ	0.0288
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0259	0.0259	UJ	0.0259
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.024	0.024	UJ	0.024
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0266	0.0266	UJ	0.0266
	PCB-136/148		0.0279	0.0279	UJ	0.0279
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0299	0.0299	UJ	0.0299
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0342	0.0342	UJ	0.0342
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0394	0.0394	UJ	0.0394
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0304	0.0304	UJ	0.0304
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0471	0.0471	UJ	0.0471
	PCB-139/149		0.0348	0.0348	UJ	0.0348
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0474	0.0474	UJ	0.0474
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0522	0.0522	UJ	0.0522
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0672	0.0672	UJ	0.0672
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0538	0.0538	UJ	0.0538
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0648	0.0648	UJ	0.0648
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0499	0.0499	UJ	0.0499
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0492	0.0492	UJ	0.0492
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0402	0.0402	UJ	0.0402
	PCB-132/161		0.0445	0.0445	UJ	0.0445
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.357	0.0438	BJ	0.0438
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0476	0.0476	UJ	0.0476
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0547	0.0547	UJ	0.0547
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0569	0.0569	UJ	0.0569
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0946	0.0593	NJ	0.0593
	PCB-163/164		0.0634	0.0443	NJ	0.0443
	PCB-138/160		0.313	0.0486	BJ	0.0486
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0386	0.0386	UJ	0.0386
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0481	0.0481	UJ	0.0481
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0393	0.0393	UJ	0.0393
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.038	0.038	UJ	0.038
	PCB-128/162		0.0485	0.0485	UJ	0.0485
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0377	0.0377	UJ	0.0377
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.101	0.0401	NJ	0.0401
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0398	0.0398	UJ	0.0398
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0781	0.0781	UJ	0.0781
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0284	0.0284	UJ	0.0284
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0234	0.0234	UJ	0.0234
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.022	0.022	UJ	0.022
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0242	0.0242	UJ	0.0242
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0262	0.0262	UJ	0.0262
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.054	0.0328	BJ	0.0328
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0318	0.0318	UJ	0.0318
	PCB-182/187		0.0281	0.0281	UJ	0.0281
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0292	0.0292	UJ	0.0292
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0332	0.0332	UJ	0.0332

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IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0342	0.0342	UJ	0.0342
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.086	0.0325	J	0.0325
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0314	0.0314	UJ	0.0314
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0327	0.0327	UJ	0.0327
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0309	0.0309	UJ	0.0309
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0344	0.0344	UJ	0.0344
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0292	0.0292	UJ	0.0292
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0908	0.0394	NJ	0.0394
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0246	0.0246	UJ	0.0246
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0251	0.0251	UJ	0.0251
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0351	0.0351	UJ	0.0351
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.023	0.023	UJ	0.023
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.135	0.0297	NJ	0.0297
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0348	0.0348	UJ	0.0348
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0284	0.0284	UJ	0.0284
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0278	0.0278	UJ	0.0278
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.104	0.0305	NJ	0.0305
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0296	0.0296	UJ	0.0296
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0392	0.0392	UJ	0.0392
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0427	0.0427	UJ	0.0427
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0383	0.0383	UJ	0.0383
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0394	0.0394	UJ	0.0394
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0478	0.0478	UJ	0.0478
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.331	0.0428	NJ	0.0428
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0365	0.0365	UJ	0.0365
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0499	0.0499	UJ	0.0499
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0454	0.0454	UJ	0.0454
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0539	0.0539	UJ	0.0539
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0374	0.0374	UJ	0.0374

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.1	0.1	UJ
Dichlorobiphenyls	12	0.0374	0.0374	UJ
Trichlorobiphenyls	24	0.115	0.0107	BJ
Tetrachlorobiphenyls	42	0.0124	0.0124	UJ
Pentachlorobiphenyls	46	0.152	0.0206	BJ
Hexachlorobiphenyls	42	0.67	0.024	B
Heptachlorobiphenyls	24	0.14	0.022	BJ
Octachlorobiphenyls	12	0.0278	0.0278	UJ
Nonachlorobiphenyls	3	0.0454	0.0454	UJ
Decachlorobiphenyl	1	0.0374	0.0374	UJ
Total PCB		1.08	0.0107	B

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (015-091814-0935)	Date Extracted:	10/10/2014
Field ID:	#14-14789 (Oil)	Date Analysed:	10/23/2014 10/25/2014
PRL ID:	PR142517	HRMS File:	FS102214A08 FS10251408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
$^{13}C_{12}$-2-MoCB	1L	5	5	145
$^{13}C_{12}$-4-MoCB	3L	5	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	17	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	12	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	21	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	32	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	31	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	27	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	15	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	27	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	35	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	38	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	34	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	37	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	36	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	24	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	28	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	29	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	34	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	31	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	23	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	44	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	19	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	33	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	30	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	27	10	145
$^{13}C_{12}$-DeCB	209L	23	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	33	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	30	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	27	10	145

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Oil	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PC140851B	HRMS File:	FS102214A06 FS10251413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0665	0.0665	UJ	0.0665
3-MoCB	PCB-002	2051-61-8	0.0589	0.0589	UJ	0.0589
4-MoCB	PCB-003	2051-62-9	0.0444	0.0444	UJ	0.0444
2,6-DiCB	PCB-010	33146-45-1	0.0417	0.0417	UJ	0.0417
2,2'-DiCB	PCB-004	13029-08-8	0.063	0.063	UJ	0.063
2,5-DiCB	PCB-009	34883-39-1	0.0432	0.0432	UJ	0.0432
2,4-DiCB	PCB-007	33284-50-3	0.0353	0.0353	UJ	0.0353
2,3'-DiCB	PCB-006	25569-80-6	0.0413	0.0413	UJ	0.0413
2,3/2,4'-DiCB	PCB-005/008		0.0382	0.0382	UJ	0.0382
3,5-DiCB	PCB-014	34883-41-5	0.0459	0.0459	UJ	0.0459
3,3'-DiCB	PCB-011	2050-67-1	0.0463	0.0463	UJ	0.0463
3,4/3,4'-DiCB	PCB-012/013		0.044	0.044	UJ	0.044
4,4'-DiCB	PCB-015	2050-68-2	0.0606	0.0606	UJ	0.0606
2,2',6-TrCB	PCB-019	38444-73-4	0.017	0.017	UJ	0.017
2,4,6-TrCB	PCB-030	35693-92-6	0.0134	0.0134	UJ	0.0134
2,2',5-TrCB	PCB-018	37680-65-2	0.0298	0.0158	NJ	0.0158
2,2',4-TrCB	PCB-017	37680-66-3	0.0189	0.0189	UJ	0.0189
2,3,6-TrCB	PCB-024	55702-45-9	0.0155	0.0155	UJ	0.0155
2,3',6-TrCB	PCB-027	38444-76-7	0.0095	0.0095	UJ	0.0095
2,4',6-TrCB	PCB-032	38444-77-8	0.0137	0.0137	UJ	0.0137
2,2',3-TrCB	PCB-016	38444-78-9	0.0224	0.0224	UJ	0.0224
2,3,5-TrCB	PCB-023	55720-44-0	0.0163	0.0163	UJ	0.0163
2,3',5'-TrCB	PCB-034	37680-68-5	0.0182	0.0182	UJ	0.0182
2,4,5-TrCB	PCB-029	15862-07-4	0.0123	0.0123	UJ	0.0123
2,3',5-TrCB	PCB-026	38444-81-4	0.0138	0.0138	UJ	0.0138
2,3',4-TrCB	PCB-025	55712-37-3	0.0277	0.0155	NJ	0.0155
2,4',5-TrCB	PCB-031	16606-02-3	0.0118	0.0118	UJ	0.0118
2,4,4'-TrCB	PCB-028	7012-37-5	0.0166	0.0166	UJ	0.0166
2,3,4-TrCB	PCB-021	55702-46-0	0.0222	0.0222	UJ	0.0222
	PCB-020/033		0.0441	0.0179	UJ	0.0179
2,3,4'-TrCB	PCB-022	38444-85-8	0.0624	0.0217	J	0.0217
3,3',5-TrCB	PCB-036	38444-87-0	0.0185	0.0185	UJ	0.0185
3,4',5-TrCB	PCB-039	38444-88-1	0.0194	0.0194	UJ	0.0194
3,4,5-TrCB	PCB-038	53555-66-1	0.0221	0.0221	UJ	0.0221
3,3',4-TrCB	PCB-035	37680-69-6	0.0224	0.0224	UJ	0.0224
3,4,4'-TrCB	PCB-037	38444-90-5	0.0494	0.0494	UJ	0.0494
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0157	0.0089	NJ	0.0089
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0169	0.0169	UJ	0.0169
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0179	0.0179	UJ	0.0179
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0175	0.0175	UJ	0.0175
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0186	0.0186	UJ	0.0186
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0228	0.0228	UJ	0.0228
	PCB-052/069		0.0576	0.0161	J	0.0161
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0129	0.0129	UJ	0.0129
	PCB-043/049		0.0187	0.0187	UJ	0.0187
	PCB-065/075		0.0126	0.0126	UJ	0.0126
	PCB-047/048		0.0298	0.0182	NJ	0.0182
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0158	0.0158	UJ	0.0158
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0232	0.0232	UJ	0.0232
2,3,3',6-TeCB	PCB-059	74472-33-6	0.015	0.015	UJ	0.015
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0203	0.0203	UJ	0.0203

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Oil	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PC140851B	HRMS File:	FS102214A06 FS10251413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0147	0.0147	UJ	0.0147
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0118	0.0118	UJ	0.0118
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0205	0.0205	UJ	0.0205
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0133	0.0133	UJ	0.0133
	PCB-040/057		0.0336	0.0179	NJ	0.0179
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0158	0.0158	UJ	0.0158
2,3,4',5-TeCB	PCB-063	74472-34-7	0.015	0.015	UJ	0.015
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0131	0.0131	UJ	0.0131
2,3,4,5-TeCB	PCB-061	33284-53-6	0.017	0.017	UJ	0.017
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0142	0.0142	UJ	0.0142
2,3',4',5-TeCB	PCB-070	32598-11-1	0.018	0.018	UJ	0.018
	PCB-055/080		0.0149	0.0149	UJ	0.0149
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0124	0.0124	UJ	0.0124
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.015	0.015	UJ	0.015
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0175	0.0175	UJ	0.0175
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0164	0.0164	UJ	0.0164
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0161	0.0161	UJ	0.0161
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0164	0.0164	UJ	0.0164
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0332	0.0332	UJ	0.0332
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0341	0.0341	UJ	0.0341
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0106	0.0106	UJ	0.0106
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0083	0.0083	UJ	0.0083
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0099	0.0099	UJ	0.0099
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0111	0.0111	UJ	0.0111
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.013	0.013	UJ	0.013
	PCB-093/098/102		0.0125	0.0125	UJ	0.0125
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0309	0.0101	NJ	0.0101
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0119	0.0119	UJ	0.0119
	PCB-091/121		0.0175	0.0098	NJ	0.0098
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.012	0.012	UJ	0.012
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0136	0.0136	UJ	0.0136
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0116	0.0116	UJ	0.0116
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0134	0.0134	UJ	0.0134
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0869	0.0115	J	0.0115
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0097	0.0097	UJ	0.0097
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0107	0.0107	UJ	0.0107
	PCB-112/119		0.0088	0.0088	UJ	0.0088
	PCB-083/109		0.0114	0.0114	UJ	0.0114
	PCB-086/117		0.0109	0.0109	UJ	0.0109
	PCB-097/116		0.0119	0.0119	UJ	0.0119
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0093	0.0093	UJ	0.0093
	PCB-087/115		0.0114	0.0114	UJ	0.0114
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0103	0.0095	NJ	0.0095
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.018	0.0122	J	0.0122
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0091	0.0091	UJ	0.0091
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0459	0.0096	J	0.0096
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.015	0.015	UJ	0.015
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.012	0.012	UJ	0.012
	PCB-107/108		0.0151	0.0151	UJ	0.0151
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0136	0.0136	UJ	0.0136
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0136	0.0136	UJ	0.0136

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Oil	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PC140851B	HRMS File:	FS102214A06 FS10251413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0132	0.0132	UJ	0.0132
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0136	0.0136	UJ	0.0136
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.014	0.014	UJ	0.014
	PCB-105/127		0.0133	0.0133	UJ	0.0133
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0195	0.0195	UJ	0.0195
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.011	0.011	UJ	0.011
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0062	0.0062	UJ	0.0062
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0057	0.0057	UJ	0.0057
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0076	0.0064	J	0.0064
	PCB-136/148		0.0105	0.0067	J	0.0067
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0072	0.0072	UJ	0.0072
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0082	0.0082	UJ	0.0082
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0094	0.0094	UJ	0.0094
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0073	0.0073	UJ	0.0073
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0113	0.0113	UJ	0.0113
	PCB-139/149		0.104	0.0083	J	0.0083
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0114	0.0114	UJ	0.0114
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0125	0.0125	UJ	0.0125
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0161	0.0161	UJ	0.0161
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0129	0.0129	UJ	0.0129
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0155	0.0155	UJ	0.0155
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0119	0.0119	UJ	0.0119
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0118	0.0118	UJ	0.0118
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0096	0.0096	UJ	0.0096
	PCB-132/161		0.0106	0.0106	UJ	0.0106
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.235	0.0105	J	0.0105
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0256	0.0114	NJ	0.0114
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0131	0.0131	UJ	0.0131
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0136	0.0136	UJ	0.0136
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0142	0.0142	UJ	0.0142
	PCB-163/164		0.0482	0.0106	NJ	0.0106
	PCB-138/160		0.126	0.0116	J	0.0116
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0092	0.0092	UJ	0.0092
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0115	0.0115	UJ	0.0115
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0122	0.0094	NJ	0.0094
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0091	0.0091	UJ	0.0091
	PCB-128/162		0.0116	0.0116	UJ	0.0116
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0089	0.0089	UJ	0.0089
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0084	0.0084	UJ	0.0084
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0086	0.0086	UJ	0.0086
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0128	0.0128	UJ	0.0128
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0097	0.0097	UJ	0.0097
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0053	0.0053	UJ	0.0053
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0053	0.005	NJ	0.005
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0055	0.0055	UJ	0.0055
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.006	0.006	UJ	0.006
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0251	0.0075	J	0.0075
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0072	0.0072	UJ	0.0072
	PCB-182/187		0.0279	0.0064	J	0.0064
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0144	0.0066	NJ	0.0066
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0076	0.0076	UJ	0.0076

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Oil	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PC140851B	HRMS File:	FS102214A06 FS10251413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0176	0.0078	NJ	0.0078
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0074	0.0074	UJ	0.0074
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.015	0.0071	J	0.0071
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0094	0.0074	NJ	0.0074
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.007	0.007	UJ	0.007
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0078	0.0078	UJ	0.0078
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0066	0.0066	UJ	0.0066
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0739	0.009	J	0.009
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0056	0.0056	UJ	0.0056
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0057	0.0057	UJ	0.0057
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.008	0.008	UJ	0.008
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0052	0.0052	UJ	0.0052
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0069	0.0048	NJ	0.0048
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.008	0.008	UJ	0.008
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0044	0.0044	UJ	0.0044
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0043	0.0043	UJ	0.0043
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0116	0.0047	NJ	0.0047
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0071	0.0046	NJ	0.0046
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0061	0.0061	UJ	0.0061
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0066	0.0066	UJ	0.0066
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.006	0.006	UJ	0.006
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0061	0.0061	UJ	0.0061
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0074	0.0074	UJ	0.0074
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0372	0.0067	NJ	0.0067
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0314	0.0044	NJ	0.0044
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0079	0.0079	UJ	0.0079
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0066	0.0066	UJ	0.0066
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0072	0.0072	UJ	0.0072
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0053	0.0053	UJ	0.0053

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0444	0.0444	UJ
Dichlorobiphenyls	12	0.0353	0.0353	UJ
Trichlorobiphenyls	24	0.062	0.0095	J
Tetrachlorobiphenyls	42	0.058	0.0089	J
Pentachlorobiphenyls	46	0.151	0.0083	J
Hexachlorobiphenyls	42	0.483	0.0057	
Heptachlorobiphenyls	24	0.142	0.0048	J
Octachlorobiphenyls	12	0.0043	0.0043	UJ
Nonachlorobiphenyls	3	0.0066	0.0066	UJ
Decachlorobiphenyl	1	0.0053	0.0053	UJ
Total PCB		0.896	0.0043	

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Oil	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/22/2014 10/26/2014
PRL ID:	PC140851B	HRMS File:	FS102214A06 FS10251413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
$^{13}C_{12}$-2-MoCB	1L	5	5	145
$^{13}C_{12}$-4-MoCB	3L	11	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	12	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	15	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	18	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	54	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	34	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	41	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	39	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	39	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	59	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	64	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	58	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	65	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	62	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	40	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	62	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	68	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	88	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	69	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	38	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	109	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	38	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	89	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	69	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	75	10	145
$^{13}C_{12}$-DeCB	209L	68	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	52	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	49	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	49	10	145

QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Oil	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/21/2014
PRL ID:	PC140852S	HRMS File:	FS10211403

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2-MoCB	PCB-001	2051-60-7	10	122.3	60	135	Pass	6
4-MoCB	PCB-003	2051-62-9	10	90.7	60	135	Pass	1
2,6-DiCB	PCB-010	33146-45-1	10	66.8				-
2,2'-DiCB	PCB-004	13029-08-8	10	125.4	60	135	Pass	17
	PCB-005/008		10	171.9				-
4,4'-DiCB	PCB-015	2050-68-2	10	111.5	60	135	Pass	11
2,2',6-TrCB	PCB-019	38444-73-4	10	120.3	60	135	Pass	17
2,2',5-TrCB	PCB-018	37680-65-2	10	87.1				-
2,4,4'-TrCB	PCB-028	7012-37-5	10	105.8				-
	PCB-020/033		10	117.8				-
2,3,4'-TrCB	PCB-022	38444-85-8	10	134.1				-
3,4,4'-TrCB	PCB-037	38444-90-5	10	104.6	60	135	Pass	55
2,2',6,6'-TeCB	PCB-054	15968-05-5	10	110.1	60	135	Pass	38
	PCB-052/069		10	81.2				-
	PCB-043/049		10	102.7				-
2,2',3,5'-TeCB	PCB-044	41464-39-5	10	116.5				-
2,2',3,4-TeCB	PCB-041	52663-59-9	10	82.8				-
2,2',3,3'-TeCB	PCB-040	38444-93-8	10	67.5				-
2,4,4',5-TeCB	PCB-074	32690-93-0	10	94.5				-
2,3',4',5-TeCB	PCB-070	32598-11-1	10	142.2				-
2,3',4,4'-TeCB	PCB-066	32598-10-0	10	80.0				-
2,3,4,4'-TeCB	PCB-060	33025-41-1	10	117.4				-
3,4,4',5-TeCB	PCB-081	70362-50-4	10	102.9	60	135	Pass	64
3,3',4,4'-TeCB	PCB-077	32598-13-3	10	93.4	60	135	Pass	58
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	10	107.3	60	135	Pass	44
2,2',3,5',6-PeCB	PCB-095	38379-99-6	10	49.8				-
2,2',3,4',5-PeCB	PCB-090	68194-07-0	10	61.5				-
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	10	76.7				-
2,2',4,4',5-PeCB	PCB-099	38380-01-7	10	66.6				-
2,3',4,4',6-PeCB	PCB-119	56558-17-9	10	58.0				-
	PCB-087/115		10	66.0				-
2,3,3',4',6-PeCB	PCB-110	38380-03-9	10	83.5				-
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	10	91.1	60	135	Pass	82
2,3',4,4',5-PeCB	PCB-118	31508-00-6	10	100.5	60	135	Pass	77
2,3,4,4',5-PeCB	PCB-114	74472-37-0	10	97.5	60	135	Pass	71
2,3,3',4,4'-PeCB	PCB-105	32598-14-4	10	92.2	60	135	Pass	82
3,3',4,4',5-PeCB	PCB-126	57465-28-8	10	96.2	60	135	Pass	92
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	10	106.3	60	135	Pass	40
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	10	41.0				-
	PCB-139/149		10	64.9				-
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	10	85.9				-
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	10	155.1				-
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	10	127.8				-
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	10	125.9				-
2,2',3,4,4',5'-HxCB	PCB-138	35065-28-2	10	116.3				-
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	10	119.1				-
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	10	85.7				-
2,2',3,3',4,4'-HxCB	PCB-128	38380-07-3	10	108.9				-
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	10	112.4	60	135	Pass	73
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	10	107.9	60	135	Pass	79
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	10	115.8	60	135	Pass	84
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	10	122.5	60	135	Pass	74

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Tel: + 604.532.8711 Fax: + 604.532.8712 Email: info@pacificrimlabs.com

QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Oil	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/21/2014
PRL ID:	PC140852S	HRMS File:	FS10211403

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	10	109.8	60	135	Pass	45
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	10	79.2				-
	PCB-182/187		10	71.0				-
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	10	82.2				-
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	10	85.4				-
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	10	84.2				-
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	10	112.5				-
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	10	90.5				-
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	10	98.7				-
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	10	88.3				-
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	10	97.9	60	135	Pass	118
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	10	104.1	60	135	Pass	49
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	10	65.5				-
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	10	84.6				-
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	10	95.8				-
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	10	116.5				-
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	10	105.6	60	135	Pass	95
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	10	107.5	60	135	Pass	70
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	10	114.2	60	135	Pass	77
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	10	93.0	60	135	Pass	70

LOF - level of fortification

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (032-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13450 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142259	HRMS File:	FS10231413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0055	0.0021	NJ	0.0021
3-MoCB	PCB-002	2051-61-8	0.0031	0.0031	UJ	0.0031
4-MoCB	PCB-003	2051-62-9	0.0047	0.0047	UJ	0.0047
2,6-DiCB	PCB-010	33146-45-1	0.0007	0.0007	UJ	0.0007
2,2'-DiCB	PCB-004	13029-08-8	0.0048	0.0011	J	0.0011
2,5-DiCB	PCB-009	34883-39-1	0.0007	0.0007	UJ	0.0007
2,4-DiCB	PCB-007	33284-50-3	0.0006	0.0006	UJ	0.0006
2,3'-DiCB	PCB-006	25569-80-6	0.0007	0.0007	UJ	0.0007
2,3/2,4'-DiCB	PCB-005/008		0.0065	0.0007	J	0.0007
3,5-DiCB	PCB-014	34883-41-5	0.0008	0.0008	UJ	0.0008
3,3'-DiCB	PCB-011	2050-67-1	0.052	0.0008		0.0008
3,4/3,4'-DiCB	PCB-012/013		0.0008	0.0008	UJ	0.0008
4,4'-DiCB	PCB-015	2050-68-2	0.001	0.001	UJ	0.001
2,2',6-TrCB	PCB-019	38444-73-4	0.001	0.0005	NJ	0.0005
2,4,6-TrCB	PCB-030	35693-92-6	0.0003	0.0003	UJ	0.0003
2,2',5-TrCB	PCB-018	37680-65-2	0.0054	0.0004	BJ	0.0004
2,2',4-TrCB	PCB-017	37680-66-3	0.0012	0.0004	J	0.0004
2,3,6-TrCB	PCB-024	55702-45-9	0.0003	0.0003	UJ	0.0003
2,3',6-TrCB	PCB-027	38444-76-7	0.0002	0.0002	UJ	0.0002
2,4',6-TrCB	PCB-032	38444-77-8	0.002	0.0003	J	0.0003
2,2',3-TrCB	PCB-016	38444-78-9	0.0033	0.0005	J	0.0005
2,3,5-TrCB	PCB-023	55720-44-0	0.0004	0.0004	UJ	0.0004
2,3',5'-TrCB	PCB-034	37680-68-5	0.0004	0.0004	UJ	0.0004
2,4,5-TrCB	PCB-029	15862-07-4	0.0003	0.0003	UJ	0.0003
2,3',5-TrCB	PCB-026	38444-81-4	0.0008	0.0003	NJ	0.0003
2,3',4-TrCB	PCB-025	55712-37-3	0.0004	0.0004	UJ	0.0004
2,4',5-TrCB	PCB-031	16606-02-3	0.0052	0.0003	J	0.0003
2,4,4'-TrCB	PCB-028	7012-37-5	0.0048	0.0004	J	0.0004
2,3,4-TrCB	PCB-021	55702-46-0	0.0005	0.0005	UJ	0.0005
	PCB-020/033		0.0034	0.0004	J	0.0004
2,3,4'-TrCB	PCB-022	38444-85-8	0.0005	0.0005	UJ	0.0005
3,3',5-TrCB	PCB-036	38444-87-0	0.0012	0.0004	NJ	0.0004
3,4',5-TrCB	PCB-039	38444-88-1	0.0004	0.0004	UJ	0.0004
3,4,5-TrCB	PCB-038	53555-66-1	0.0005	0.0005	UJ	0.0005
3,3',4-TrCB	PCB-035	37680-69-6	0.0017	0.0005	NJ	0.0005
3,4,4'-TrCB	PCB-037	38444-90-5	0.0006	0.0006	UJ	0.0006
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0004	0.0004	UJ	0.0004
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0005	0.0005	UJ	0.0005
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0009	0.0005	J	0.0005
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0005	0.0005	NJ	0.0005
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0005	0.0005	UJ	0.0005
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0006	0.0006	UJ	0.0006
	PCB-052/069		0.0077	0.0004	BJ	0.0004
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0003	0.0003	UJ	0.0003
	PCB-043/049		0.0032	0.0005	J	0.0005
	PCB-065/075		0.0003	0.0003	UJ	0.0003
	PCB-047/048		0.0051	0.0005	J	0.0005
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0004	0.0004	UJ	0.0004
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0053	0.0006	J	0.0006
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0004	0.0004	UJ	0.0004
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0024	0.0005	J	0.0005

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (032-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13450 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142259	HRMS File:	FS10231413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0014	0.0004	J	0.0004
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0003	0.0003	UJ	0.0003
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0006	0.0006	UJ	0.0006
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0004	0.0004	UJ	0.0004
	PCB-040/057		0.0005	0.0005	UJ	0.0005
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0004	0.0004	UJ	0.0004
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0004	0.0004	UJ	0.0004
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0004	0.0004	UJ	0.0004
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0005	0.0005	UJ	0.0005
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0013	0.0004	NJ	0.0004
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0013	0.0005	NJ	0.0005
	PCB-055/080		0.0004	0.0004	UJ	0.0004
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0018	0.0003	J	0.0003
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0004	0.0004	UJ	0.0004
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0005	0.0005	UJ	0.0005
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0004	0.0004	UJ	0.0004
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0004	0.0004	UJ	0.0004
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0004	0.0004	UJ	0.0004
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0005	0.0005	UJ	0.0005
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.222	0.0005		0.0005
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0003	0.0003	UJ	0.0003
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0002	0.0002	UJ	0.0002
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0002	0.0002	UJ	0.0002
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0002	0.0002	UJ	0.0002
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0003	0.0003	UJ	0.0003
	PCB-093/098/102		0.0003	0.0003	UJ	0.0003
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.004	0.0002	BJ	0.0002
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0003	0.0003	UJ	0.0003
	PCB-091/121		0.0002	0.0002	UJ	0.0002
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0008	0.0003	J	0.0003
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0003	0.0003	UJ	0.0003
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0002	0.0002	UJ	0.0002
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0003	0.0003	UJ	0.0003
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0062	0.0002	J	0.0002
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0002	0.0002	UJ	0.0002
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0018	0.0002	J	0.0002
	PCB-112/119		0.0004	0.0002	NJ	0.0002
	PCB-083/109		0.0002	0.0002	UJ	0.0002
	PCB-086/117		0.0008	0.0002	NJ	0.0002
	PCB-097/116		0.0018	0.0003	J	0.0003
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0002	0.0002	UJ	0.0002
	PCB-087/115		0.0026	0.0002	J	0.0002
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0002	0.0002	UJ	0.0002
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0003	0.0003	UJ	0.0003
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0002	0.0002	UJ	0.0002
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0076	0.0002	BJ	0.0002
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0005	0.0003	NJ	0.0003
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0003	0.0003	UJ	0.0003
	PCB-107/108		0.0003	0.0003	UJ	0.0003
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0003	0.0003	UJ	0.0003
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0003	0.0003	UJ	0.0003

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (032-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13450 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142259	HRMS File:	FS10231413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0046	0.0002	J	0.0002
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0003	0.0003	UJ	0.0003
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0003	0.0003	UJ	0.0003
	PCB-105/127		0.0024	0.0003	J	0.0003
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0005	0.0004	NJ	0.0004
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0003	0.0003	UJ	0.0003
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0002	0.0002	UJ	0.0002
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0002	0.0002	UJ	0.0002
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0002	0.0002	NJ	0.0002
	PCB-136/148		0.0014	0.0002	J	0.0002
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0002	0.0002	UJ	0.0002
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0013	0.0003	NJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0011	0.0003	NJ	0.0003
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0004	0.0004	UJ	0.0004
	PCB-139/149		0.0085	0.0003	BJ	0.0003
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0006	0.0004	NJ	0.0004
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0007	0.0004	NJ	0.0004
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0004	0.0004	UJ	0.0004
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0066	0.0003	J	0.0003
	PCB-132/161		0.0012	0.0004	NJ	0.0004
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0144	0.0003	BJ	0.0003
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0024	0.0004	J	0.0004
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0005	0.0005	UJ	0.0005
	PCB-163/164		0.0029	0.0004	J	0.0004
	PCB-138/160		0.0087	0.0004	BJ	0.0004
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0004	0.0004	UJ	0.0004
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0015	0.0003	J	0.0003
	PCB-128/162		0.0004	0.0004	UJ	0.0004
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0025	0.0003	NJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0017	0.0003	NJ	0.0003
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0003	0.0003	NJ	0.0003
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0003	0.0002	NJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0003	0.0003	NJ	0.0003
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0003	0.0003	UJ	0.0003
	PCB-182/187		0.0058	0.0003	J	0.0003
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0003	0.0003	UJ	0.0003

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (032-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13450 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142259	HRMS File:	FS10231413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0006	0.0003	NJ	0.0003
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0005	0.0003	NJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0031	0.0004	BJ	0.0004
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0006	0.0002	NJ	0.0002
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0004	0.0002	NJ	0.0002
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0011	0.0003	J	0.0003
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0017	0.0003	NJ	0.0003
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0006	0.0003	NJ	0.0003
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.001	0.0003	UJ	0.0003
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.198	0.0002		0.0002

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0021	0.0021	UJ
Dichlorobiphenyls	12	0.063	0.0006	
Trichlorobiphenyls	24	0.024	0.0002	J
Tetrachlorobiphenyls	42	0.249	0.0003	
Pentachlorobiphenyls	46	0.033	0.0002	BJ
Hexachlorobiphenyls	42	0.046	0.0002	B
Heptachlorobiphenyls	24	0.009	0.0002	BJ
Octachlorobiphenyls	12	0.001	0.0002	BJ
Nonachlorobiphenyls	3	0.0003	0.0003	UJ
Decachlorobiphenyl	1	0.198	0.0002	
Total PCB		0.623	0.0002	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (032-091014-1335)	Date Extracted:	10/10/2014
Field ID:	#14-13450 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142259	HRMS File:	FS10231413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
$^{13}C_{12}$-2-MoCB	1L	7	5	145
$^{13}C_{12}$-4-MoCB	3L	5	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	19	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	38	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	22	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	90	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	40	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	98	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	97	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	55	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	111	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	105	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	103	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	105	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	101	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	66	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	88	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	83	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	89	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	91	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	66	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	121	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	56	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	93	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	82	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	77	10	145
$^{13}C_{12}$-DeCB	209L	65	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	124	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	106	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	75	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260	HRMS File:	FS10231414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0036	0.0036	UJ	0.0036
3-MoCB	PCB-002	2051-61-8	0.0055	0.0055	UJ	0.0055
4-MoCB	PCB-003	2051-62-9	0.0084	0.0084	UJ	0.0084
2,6-DiCB	PCB-010	33146-45-1	0.0015	0.0015	UJ	0.0015
2,2'-DiCB	PCB-004	13029-08-8	0.0021	0.0021	UJ	0.0021
2,5-DiCB	PCB-009	34883-39-1	0.0015	0.0015	UJ	0.0015
2,4-DiCB	PCB-007	33284-50-3	0.0012	0.0012	UJ	0.0012
2,3'-DiCB	PCB-006	25569-80-6	0.0015	0.0015	UJ	0.0015
2,3/2,4'-DiCB	PCB-005/008		0.0026	0.0013	NJ	0.0013
3,5-DiCB	PCB-014	34883-41-5	0.0016	0.0016	UJ	0.0016
3,3'-DiCB	PCB-011	2050-67-1	0.0661	0.0016		0.0016
3,4/3,4'-DiCB	PCB-012/013		0.0015	0.0015	UJ	0.0015
4,4'-DiCB	PCB-015	2050-68-2	0.0023	0.0023	UJ	0.0023
2,2',6-TrCB	PCB-019	38444-73-4	0.001	0.001	UJ	0.001
2,4,6-TrCB	PCB-030	35693-92-6	0.0006	0.0006	UJ	0.0006
2,2',5-TrCB	PCB-018	37680-65-2	0.005	0.0007	BJ	0.0007
2,2',4-TrCB	PCB-017	37680-66-3	0.0008	0.0008	UJ	0.0008
2,3,6-TrCB	PCB-024	55702-45-9	0.0007	0.0007	UJ	0.0007
2,3',6-TrCB	PCB-027	38444-76-7	0.0004	0.0004	UJ	0.0004
2,4',6-TrCB	PCB-032	38444-77-8	0.0006	0.0006	UJ	0.0006
2,2',3-TrCB	PCB-016	38444-78-9	0.001	0.001	UJ	0.001
2,3,5-TrCB	PCB-023	55720-44-0	0.0013	0.0007	NJ	0.0007
2,3',5'-TrCB	PCB-034	37680-68-5	0.0008	0.0008	UJ	0.0008
2,4,5-TrCB	PCB-029	15862-07-4	0.0006	0.0006	UJ	0.0006
2,3',5-TrCB	PCB-026	38444-81-4	0.0006	0.0006	UJ	0.0006
2,3',4-TrCB	PCB-025	55712-37-3	0.0007	0.0007	UJ	0.0007
2,4',5-TrCB	PCB-031	16606-02-3	0.0041	0.0005	J	0.0005
2,4,4'-TrCB	PCB-028	7012-37-5	0.0031	0.0007	J	0.0007
2,3,4-TrCB	PCB-021	55702-46-0	0.001	0.001	UJ	0.001
	PCB-020/033		0.0052	0.0008	J	0.0008
2,3,4'-TrCB	PCB-022	38444-85-8	0.001	0.001	UJ	0.001
3,3',5-TrCB	PCB-036	38444-87-0	0.0009	0.0008	NJ	0.0008
3,4',5-TrCB	PCB-039	38444-88-1	0.0009	0.0009	UJ	0.0009
3,4,5-TrCB	PCB-038	53555-66-1	0.001	0.001	UJ	0.001
3,3',4-TrCB	PCB-035	37680-69-6	0.001	0.001	UJ	0.001
3,4,4'-TrCB	PCB-037	38444-90-5	0.0014	0.0014	UJ	0.0014
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0007	0.0007	UJ	0.0007
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0008	0.0008	UJ	0.0008
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0016	0.0008	J	0.0008
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0008	0.0008	UJ	0.0008
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0009	0.0009	UJ	0.0009
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0011	0.0011	UJ	0.0011
	PCB-052/069		0.0093	0.0007	BJ	0.0007
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0006	0.0006	UJ	0.0006
	PCB-043/049		0.0041	0.0009	J	0.0009
	PCB-065/075		0.0006	0.0006	UJ	0.0006
	PCB-047/048		0.0021	0.0008	NJ	0.0008
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0007	0.0007	UJ	0.0007
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0048	0.0011	NJ	0.0011
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0007	0.0007	UJ	0.0007
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0009	0.0009	UJ	0.0009

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260	HRMS File:	FS10231414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0007	0.0007	UJ	0.0007
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0005	0.0005	UJ	0.0005
2,2',3,4-TeCB	PCB-041	52663-59-9	0.001	0.001	UJ	0.001
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0006	0.0006	UJ	0.0006
	PCB-040/057		0.0008	0.0008	UJ	0.0008
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0007	0.0007	UJ	0.0007
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0007	0.0007	UJ	0.0007
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0007	0.0006	NJ	0.0006
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0008	0.0008	UJ	0.0008
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0007	0.0007	UJ	0.0007
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0017	0.0008	NJ	0.0008
	PCB-055/080		0.0007	0.0007	UJ	0.0007
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0028	0.0006	J	0.0006
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0007	0.0007	NJ	0.0007
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0008	0.0008	UJ	0.0008
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0008	0.0008	UJ	0.0008
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0007	0.0007	UJ	0.0007
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0008	0.0008	UJ	0.0008
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0009	0.0009	UJ	0.0009
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0009	0.0009	UJ	0.0009
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0005	0.0005	UJ	0.0005
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0003	0.0003	NJ	0.0003
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0003	0.0003	UJ	0.0003
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0004	0.0004	UJ	0.0004
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0004	0.0004	UJ	0.0004
	PCB-093/098/102		0.0004	0.0004	UJ	0.0004
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0034	0.0003	BJ	0.0003
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0004	0.0004	UJ	0.0004
	PCB-091/121		0.0005	0.0003	NJ	0.0003
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0008	0.0004	NJ	0.0004
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0005	0.0005	NJ	0.0005
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0004	0.0004	UJ	0.0004
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0005	0.0005	UJ	0.0005
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0042	0.0004	J	0.0004
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0003	0.0003	UJ	0.0003
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0004	0.0004	UJ	0.0004
	PCB-112/119		0.0005	0.0003	NJ	0.0003
	PCB-083/109		0.0004	0.0004	UJ	0.0004
	PCB-086/117		0.0004	0.0004	UJ	0.0004
	PCB-097/116		0.0004	0.0004	UJ	0.0004
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0003	0.0003	UJ	0.0003
	PCB-087/115		0.0018	0.0004	J	0.0004
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0003	0.0003	UJ	0.0003
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0004	0.0004	UJ	0.0004
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0003	0.0003	UJ	0.0003
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0052	0.0003	BJ	0.0003
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0007	0.0005	NJ	0.0005
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0005	0.0005	UJ	0.0005
	PCB-107/108		0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0013	0.0004	J	0.0004
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0005	0.0005	UJ	0.0005

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260	HRMS File:	FS10231414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0034	0.0004	J	0.0004
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0004	0.0004	UJ	0.0004
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0005	0.0005	UJ	0.0005
	PCB-105/127		0.0004	0.0004	UJ	0.0004
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0006	0.0006	UJ	0.0006
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0005	0.0005	UJ	0.0005
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0006	0.0003	J	0.0003
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0003	0.0003	UJ	0.0003
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0003	0.0003	UJ	0.0003
	PCB-136/148		0.0008	0.0004	J	0.0004
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0004	0.0004	UJ	0.0004
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0023	0.0004	J	0.0004
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0008	0.0005	NJ	0.0005
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0006	0.0006	UJ	0.0006
	PCB-139/149		0.0057	0.0004	BJ	0.0004
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0006	0.0006	UJ	0.0006
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0006	0.0006	UJ	0.0006
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0017	0.0005	J	0.0005
	PCB-132/161		0.005	0.0006	J	0.0006
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0111	0.0006	BJ	0.0006
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0006	0.0006	UJ	0.0006
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0038	0.0007	J	0.0007
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0018	0.0007	NJ	0.0007
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0008	0.0008	UJ	0.0008
	PCB-163/164		0.0006	0.0006	UJ	0.0006
	PCB-138/160		0.0106	0.0006	BJ	0.0006
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0006	0.0006	UJ	0.0006
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0005	0.0005	UJ	0.0005
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0005	0.0005	UJ	0.0005
	PCB-128/162		0.0006	0.0006	UJ	0.0006
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0029	0.0005	NJ	0.0005
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.002	0.0005	NJ	0.0005
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0007	0.0007	UJ	0.0007
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0006	0.0005	NJ	0.0005
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0003	0.0003	NJ	0.0003
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0005	0.0005	UJ	0.0005
	PCB-182/187		0.0011	0.0004	J	0.0004
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0005	0.0005	UJ	0.0005

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260	HRMS File:	FS10231414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0007	0.0005	NJ	0.0005
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0016	0.0005	NJ	0.0005
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0005	0.0005	UJ	0.0005
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0013	0.0006	NJ	0.0006
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0005	0.0004	NJ	0.0004
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0006	0.0004	NJ	0.0004
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0039	0.0005	J	0.0005
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0015	0.0005	NJ	0.0005
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.262	0.0003		0.0003

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0036	0.0036	UJ
Dichlorobiphenyls	12	0.066	0.0012	
Trichlorobiphenyls	24	0.017	0.0004	J
Tetrachlorobiphenyls	42	0.018	0.0005	BJ
Pentachlorobiphenyls	46	0.018	0.0003	BJ
Hexachlorobiphenyls	42	0.043	0.0003	B
Heptachlorobiphenyls	24	0.001	0.0003	BJ
Octachlorobiphenyls	12	0.0003	0.0003	UJ
Nonachlorobiphenyls	3	0.004	0.0004	J
Decachlorobiphenyl	1	0.262	0.0003	
Total PCB		0.429	0.0003	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260	HRMS File:	FS10231414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	7	5	145
$^{13}C_{12}$-4-MoCB	3L	5	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	18	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	29	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	20	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	76	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	34	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	87	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	85	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	48	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	100	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	102	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	92	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	96	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	92	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	60	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	82	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	77	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	82	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	82	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	59	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	118	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	52	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	90	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	81	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	76	10	145
$^{13}C_{12}$-DeCB	209L	66	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	123	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	102	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	77	10	145

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DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260D	HRMS File:	FS10231415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0032	0.0032	UJ	0.0032
3-MoCB	PCB-002	2051-61-8	0.005	0.005	UJ	0.005
4-MoCB	PCB-003	2051-62-9	0.0083	0.0083	UJ	0.0083
2,6-DiCB	PCB-010	33146-45-1	0.0017	0.0017	UJ	0.0017
2,2'-DiCB	PCB-004	13029-08-8	0.0066	0.0022	NJ	0.0022
2,5-DiCB	PCB-009	34883-39-1	0.0018	0.0018	UJ	0.0018
2,4-DiCB	PCB-007	33284-50-3	0.0015	0.0015	UJ	0.0015
2,3'-DiCB	PCB-006	25569-80-6	0.0017	0.0017	UJ	0.0017
2,3/2,4'-DiCB	PCB-005/008		0.0065	0.0016	J	0.0016
3,5-DiCB	PCB-014	34883-41-5	0.0019	0.0019	UJ	0.0019
3,3'-DiCB	PCB-011	2050-67-1	0.0662	0.0019		0.0019
3,4/3,4'-DiCB	PCB-012/013		0.0018	0.0018	UJ	0.0018
4,4'-DiCB	PCB-015	2050-68-2	0.0029	0.0029	UJ	0.0029
2,2',6-TrCB	PCB-019	38444-73-4	0.0025	0.0011	J	0.0011
2,4,6-TrCB	PCB-030	35693-92-6	0.0006	0.0006	UJ	0.0006
2,2',5-TrCB	PCB-018	37680-65-2	0.0065	0.0008	BJ	0.0008
2,2',4-TrCB	PCB-017	37680-66-3	0.0016	0.0009	NJ	0.0009
2,3,6-TrCB	PCB-024	55702-45-9	0.0007	0.0007	UJ	0.0007
2,3',6-TrCB	PCB-027	38444-76-7	0.0005	0.0005	UJ	0.0005
2,4',6-TrCB	PCB-032	38444-77-8	0.0011	0.0006	J	0.0006
2,2',3-TrCB	PCB-016	38444-78-9	0.0043	0.0011	J	0.0011
2,3,5-TrCB	PCB-023	55720-44-0	0.0008	0.0008	UJ	0.0008
2,3',5'-TrCB	PCB-034	37680-68-5	0.0009	0.0009	UJ	0.0009
2,4,5-TrCB	PCB-029	15862-07-4	0.0006	0.0006	UJ	0.0006
2,3',5-TrCB	PCB-026	38444-81-4	0.0007	0.0007	UJ	0.0007
2,3',4-TrCB	PCB-025	55712-37-3	0.0008	0.0008	UJ	0.0008
2,4',5-TrCB	PCB-031	16606-02-3	0.0053	0.0006	J	0.0006
2,4,4'-TrCB	PCB-028	7012-37-5	0.0045	0.0008	J	0.0008
2,3,4-TrCB	PCB-021	55702-46-0	0.001	0.001	UJ	0.001
	PCB-020/033		0.0055	0.0008	J	0.0008
2,3,4'-TrCB	PCB-022	38444-85-8	0.001	0.001	UJ	0.001
3,3',5-TrCB	PCB-036	38444-87-0	0.0009	0.0009	UJ	0.0009
3,4',5-TrCB	PCB-039	38444-88-1	0.0009	0.0009	UJ	0.0009
3,4,5-TrCB	PCB-038	53555-66-1	0.001	0.001	UJ	0.001
3,3',4-TrCB	PCB-035	37680-69-6	0.0011	0.0011	UJ	0.0011
3,4,4'-TrCB	PCB-037	38444-90-5	0.0023	0.0015	NJ	0.0015
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0008	0.0008	UJ	0.0008
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0008	0.0008	UJ	0.0008
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0009	0.0009	UJ	0.0009
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0009	0.0009	UJ	0.0009
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0009	0.0009	UJ	0.0009
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0011	0.0011	UJ	0.0011
	PCB-052/069		0.0078	0.0008	BJ	0.0008
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0006	0.0006	UJ	0.0006
	PCB-043/049		0.0044	0.0009	J	0.0009
	PCB-065/075		0.0006	0.0006	UJ	0.0006
	PCB-047/048		0.0032	0.0009	NJ	0.0009
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0008	0.0008	UJ	0.0008
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0029	0.0011	NJ	0.0011
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0007	0.0007	UJ	0.0007
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0017	0.001	NJ	0.001

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260D	HRMS File:	FS10231415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0031	0.0007	J	0.0007
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0006	0.0006	UJ	0.0006
2,2',3,4-TeCB	PCB-041	52663-59-9	0.001	0.001	NJ	0.001
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0008	0.0007	NJ	0.0007
	PCB-040/057		0.0009	0.0009	UJ	0.0009
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0008	0.0008	UJ	0.0008
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0007	0.0007	UJ	0.0007
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0006	0.0006	UJ	0.0006
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0008	0.0008	UJ	0.0008
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0007	0.0007	UJ	0.0007
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0061	0.0009	J	0.0009
	PCB-055/080		0.0007	0.0007	UJ	0.0007
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0031	0.0006	J	0.0006
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0007	0.0007	UJ	0.0007
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.001	0.0009	NJ	0.0009
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0008	0.0008	UJ	0.0008
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0026	0.0008	NJ	0.0008
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0008	0.0008	UJ	0.0008
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0009	0.0009	UJ	0.0009
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0009	0.0009	UJ	0.0009
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0006	0.0006	UJ	0.0006
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0003	0.0003	UJ	0.0003
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0003	0.0003	UJ	0.0003
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0004	0.0004	UJ	0.0004
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0004	0.0004	UJ	0.0004
	PCB-093/098/102		0.0004	0.0004	UJ	0.0004
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0059	0.0003	BJ	0.0003
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0004	0.0004	UJ	0.0004
	PCB-091/121		0.0003	0.0003	UJ	0.0003
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0009	0.0004	NJ	0.0004
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0023	0.0005	J	0.0005
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0004	0.0004	UJ	0.0004
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0004	0.0004	UJ	0.0004
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0069	0.0004	J	0.0004
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0003	0.0003	UJ	0.0003
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0015	0.0004	J	0.0004
	PCB-112/119		0.0003	0.0003	UJ	0.0003
	PCB-083/109		0.0004	0.0004	UJ	0.0004
	PCB-086/117		0.0004	0.0004	NJ	0.0004
	PCB-097/116		0.0017	0.0004	J	0.0004
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0003	0.0003	UJ	0.0003
	PCB-087/115		0.0023	0.0004	J	0.0004
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0003	0.0003	UJ	0.0003
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0004	0.0004	UJ	0.0004
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0003	0.0003	UJ	0.0003
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0016	0.0003	NJ	0.0003
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0015	0.0005	NJ	0.0005
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0005	0.0005	UJ	0.0005
	PCB-107/108		0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0004	0.0004	UJ	0.0004
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0005	0.0005	UJ	0.0005

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260D	HRMS File:	FS10231415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0043	0.0004	J	0.0004
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0004	0.0004	UJ	0.0004
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0005	0.0005	UJ	0.0005
	PCB-105/127		0.0016	0.0004	NJ	0.0004
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0005	0.0005	UJ	0.0005
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0005	0.0005	UJ	0.0005
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0003	0.0003	UJ	0.0003
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0003	0.0003	UJ	0.0003
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0003	0.0003	UJ	0.0003
	PCB-136/148		0.0008	0.0003	NJ	0.0003
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0003	0.0003	UJ	0.0003
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0006	0.0004	NJ	0.0004
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0008	0.0005	NJ	0.0005
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0005	0.0005	UJ	0.0005
	PCB-139/149		0.0076	0.0004	BJ	0.0004
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0008	0.0008	UJ	0.0008
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0014	0.0006	J	0.0006
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0006	0.0005	NJ	0.0005
	PCB-132/161		0.0052	0.0005	J	0.0005
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0104	0.0005	BJ	0.0005
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0028	0.0006	NJ	0.0006
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0007	0.0007	UJ	0.0007
	PCB-163/164		0.0005	0.0005	UJ	0.0005
	PCB-138/160		0.0105	0.0006	BJ	0.0006
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0006	0.0006	UJ	0.0006
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0005	0.0005	UJ	0.0005
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0004	0.0004	UJ	0.0004
	PCB-128/162		0.0006	0.0006	UJ	0.0006
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0013	0.0004	NJ	0.0004
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0014	0.0004	NJ	0.0004
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0006	0.0003	NJ	0.0003
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0004	0.0004	UJ	0.0004
	PCB-182/187		0.0012	0.0004	NJ	0.0004
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.001	0.0004	NJ	0.0004

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260D	HRMS File:	FS10231415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0007	0.0004	NJ	0.0004
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0008	0.0004	NJ	0.0004
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0004	0.0004	UJ	0.0004
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0005	0.0005	UJ	0.0005
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0004	0.0003	NJ	0.0003
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0006	0.0003	NJ	0.0003
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0032	0.0004	NJ	0.0004
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0012	0.0003	NJ	0.0003
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0012	0.0003	NJ	0.0003
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0034	0.0004	NJ	0.0004
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.197	0.0003		0.0003

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0032	0.0032	UJ
Dichlorobiphenyls	12	0.073	0.0015	
Trichlorobiphenyls	24	0.029	0.0005	J
Tetrachlorobiphenyls	42	0.024	0.0006	BJ
Pentachlorobiphenyls	46	0.025	0.0003	BJ
Hexachlorobiphenyls	42	0.034	0.0003	B
Heptachlorobiphenyls	24	0.0003	0.0003	UJ
Octachlorobiphenyls	12	0.0002	0.0002	UJ
Nonachlorobiphenyls	3	0.0003	0.0003	UJ
Decachlorobiphenyl	1	0.197	0.0003	
Total PCB		0.382	0.0002	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (033-091014-1340)	Date Extracted:	10/10/2014
Field ID:	#14-13451 (Solids)	Date Analysed:	10/24/2014
PRL ID:	PR142260D	HRMS File:	FS10231415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	8	5	145
$^{13}C_{12}$-4-MoCB	3L	5	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	16	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	26	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	18	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	63	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	26	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	78	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	80	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	38	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	93	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	92	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	86	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	92	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	85	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	51	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	76	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	73	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	76	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	79	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	55	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	107	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	47	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	83	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	72	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	69	10	145
$^{13}C_{12}$-DeCB	209L	59	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	112	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	101	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	74	10	145

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PRL ID:	PC140855B	HRMS File:	FS10231405 FS10251407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0042	0.0042	UJ	0.0042
3-MoCB	PCB-002	2051-61-8	0.006	0.006	UJ	0.006
4-MoCB	PCB-003	2051-62-9	0.022	0.008	NJ	0.008
2,6-DiCB	PCB-010	33146-45-1	0.0041	0.0041	UJ	0.0041
2,2'-DiCB	PCB-004	13029-08-8	0.0054	0.0054	UJ	0.0054
2,5-DiCB	PCB-009	34883-39-1	0.0043	0.0043	UJ	0.0043
2,4-DiCB	PCB-007	33284-50-3	0.0035	0.0035	UJ	0.0035
2,3'-DiCB	PCB-006	25569-80-6	0.0041	0.0041	UJ	0.0041
2,3/2,4'-DiCB	PCB-005/008		0.0038	0.0038	UJ	0.0038
3,5-DiCB	PCB-014	34883-41-5	0.0045	0.0045	UJ	0.0045
3,3'-DiCB	PCB-011	2050-67-1	0.0046	0.0046	UJ	0.0046
3,4/3,4'-DiCB	PCB-012/013		0.0043	0.0043	UJ	0.0043
4,4'-DiCB	PCB-015	2050-68-2	0.007	0.007	UJ	0.007
2,2',6-TrCB	PCB-019	38444-73-4	0.0025	0.0025	UJ	0.0025
2,4,6-TrCB	PCB-030	35693-92-6	0.0019	0.0019	UJ	0.0019
2,2',5-TrCB	PCB-018	37680-65-2	0.0027	0.0021	J	0.0021
2,2',4-TrCB	PCB-017	37680-66-3	0.0027	0.0027	UJ	0.0027
2,3,6-TrCB	PCB-024	55702-45-9	0.0022	0.0022	UJ	0.0022
2,3',6-TrCB	PCB-027	38444-76-7	0.0013	0.0013	UJ	0.0013
2,4',6-TrCB	PCB-032	38444-77-8	0.002	0.002	UJ	0.002
2,2',3-TrCB	PCB-016	38444-78-9	0.0032	0.0032	UJ	0.0032
2,3,5-TrCB	PCB-023	55720-44-0	0.0022	0.0022	UJ	0.0022
2,3',5'-TrCB	PCB-034	37680-68-5	0.0026	0.0026	UJ	0.0026
2,4,5-TrCB	PCB-029	15862-07-4	0.0017	0.0017	UJ	0.0017
2,3',5-TrCB	PCB-026	38444-81-4	0.0019	0.0019	UJ	0.0019
2,3',4-TrCB	PCB-025	55712-37-3	0.0021	0.0021	UJ	0.0021
2,4',5-TrCB	PCB-031	16606-02-3	0.0016	0.0016	UJ	0.0016
2,4,4'-TrCB	PCB-028	7012-37-5	0.0057	0.0024	NJ	0.0024
2,3,4-TrCB	PCB-021	55702-46-0	0.0032	0.0032	UJ	0.0032
	PCB-020/033		0.0026	0.0025	NJ	0.0025
2,3,4'-TrCB	PCB-022	38444-85-8	0.0031	0.0031	UJ	0.0031
3,3',5-TrCB	PCB-036	38444-87-0	0.0026	0.0026	UJ	0.0026
3,4',5-TrCB	PCB-039	38444-88-1	0.0028	0.0028	UJ	0.0028
3,4,5-TrCB	PCB-038	53555-66-1	0.0031	0.0031	UJ	0.0031
3,3',4-TrCB	PCB-035	37680-69-6	0.0032	0.0032	UJ	0.0032
3,4,4'-TrCB	PCB-037	38444-90-5	0.0065	0.0065	UJ	0.0065
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0012	0.0012	UJ	0.0012
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0022	0.0022	UJ	0.0022
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0023	0.0023	UJ	0.0023
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0023	0.0023	UJ	0.0023
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0024	0.0024	UJ	0.0024
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.004	0.0029	J	0.0029
	PCB-052/069		0.0119	0.0021	J	0.0021
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0017	0.0017	UJ	0.0017
	PCB-043/049		0.0028	0.0024	NJ	0.0024
	PCB-065/075		0.0016	0.0016	UJ	0.0016
	PCB-047/048		0.0023	0.0023	UJ	0.0023
2,3,4,6-TeCB	PCB-062	54230-22-7	0.002	0.002	UJ	0.002
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0032	0.003	NJ	0.003
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0019	0.0019	UJ	0.0019
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0026	0.0026	UJ	0.0026

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PRL ID:	PC140855B	HRMS File:	FS10231405 FS10251407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0019	0.0019	UJ	0.0019
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0015	0.0015	UJ	0.0015
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0026	0.0026	UJ	0.0026
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0017	0.0017	UJ	0.0017
	PCB-040/057		0.0023	0.0023	UJ	0.0023
2,3',4,5-TeCB	PCB-067	73575-53-8	0.002	0.002	UJ	0.002
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0019	0.0019	UJ	0.0019
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0017	0.0017	UJ	0.0017
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0022	0.0022	UJ	0.0022
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0018	0.0018	UJ	0.0018
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0024	0.0023	NJ	0.0023
	PCB-055/080		0.0019	0.0019	UJ	0.0019
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0016	0.0016	UJ	0.0016
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0019	0.0019	UJ	0.0019
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0023	0.0023	UJ	0.0023
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0021	0.0021	UJ	0.0021
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0021	0.0021	UJ	0.0021
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0023	0.0021	NJ	0.0021
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0039	0.0039	UJ	0.0039
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0037	0.0037	UJ	0.0037
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0015	0.0015	UJ	0.0015
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.001	0.001	UJ	0.001
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0011	0.0011	UJ	0.0011
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0013	0.0013	UJ	0.0013
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0015	0.0015	UJ	0.0015
	PCB-093/098/102		0.0014	0.0014	UJ	0.0014
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0038	0.0012	J	0.0012
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0014	0.0014	UJ	0.0014
	PCB-091/121		0.0011	0.0011	UJ	0.0011
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0014	0.0014	UJ	0.0014
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0016	0.0016	UJ	0.0016
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0013	0.0013	UJ	0.0013
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0015	0.0015	UJ	0.0015
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0013	0.0013	UJ	0.0013
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0012	0.0011	NJ	0.0011
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0012	0.0012	UJ	0.0012
	PCB-112/119		0.001	0.001	UJ	0.001
	PCB-083/109		0.0013	0.0013	UJ	0.0013
	PCB-086/117		0.0012	0.0012	UJ	0.0012
	PCB-097/116		0.0014	0.0014	UJ	0.0014
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0011	0.0011	UJ	0.0011
	PCB-087/115		0.0013	0.0013	UJ	0.0013
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0011	0.0011	UJ	0.0011
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0014	0.0014	UJ	0.0014
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.001	0.001	UJ	0.001
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0065	0.0011	J	0.0011
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0017	0.0017	UJ	0.0017
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0012	0.0012	UJ	0.0012
	PCB-107/108		0.0017	0.0017	UJ	0.0017
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0017	0.0015	NJ	0.0015
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0015	0.0015	UJ	0.0015

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PRL ID:	PC140855B	HRMS File:	FS10231405 FS10251407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0014	0.0014	UJ	0.0014
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0015	0.0015	UJ	0.0015
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0016	0.0016	UJ	0.0016
	PCB-105/127		0.0014	0.0014	UJ	0.0014
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0018	0.0018	UJ	0.0018
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0016	0.0016	UJ	0.0016
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0006	0.0006	UJ	0.0006
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0006	0.0006	UJ	0.0006
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0007	0.0007	UJ	0.0007
	PCB-136/148		0.0023	0.0007	NJ	0.0007
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0007	0.0007	NJ	0.0007
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.001	0.001	UJ	0.001
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0008	0.0008	UJ	0.0008
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0012	0.0012	UJ	0.0012
	PCB-139/149		0.0076	0.0009	J	0.0009
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0012	0.0012	UJ	0.0012
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0013	0.0013	UJ	0.0013
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0017	0.0017	UJ	0.0017
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0016	0.0016	UJ	0.0016
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0012	0.0012	UJ	0.0012
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0012	0.0012	UJ	0.0012
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.001	0.001	UJ	0.001
	PCB-132/161		0.0011	0.0011	UJ	0.0011
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0095	0.0011	J	0.0011
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0012	0.0012	UJ	0.0012
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0015	0.0015	UJ	0.0015
	PCB-163/164		0.0011	0.0011	UJ	0.0011
	PCB-138/160		0.0054	0.0012	J	0.0012
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0019	0.001	NJ	0.001
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0012	0.0012	UJ	0.0012
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.001	0.001	J	0.001
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0009	0.0009	UJ	0.0009
	PCB-128/162		0.0023	0.0012	NJ	0.0012
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0008	0.0008	UJ	0.0008
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0012	0.0012	UJ	0.0012
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0013	0.0005	NJ	0.0005
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0006	0.0006	UJ	0.0006
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0008	0.0008	UJ	0.0008
	PCB-182/187		0.0011	0.0007	NJ	0.0007
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0007	0.0007	UJ	0.0007
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0008	0.0008	UJ	0.0008

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IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0008	0.0008	UJ	0.0008
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0024	0.0009	J	0.0009
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0007	0.0006	NJ	0.0006
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0019	0.0007	J	0.0007
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0006	0.0006	UJ	0.0006
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0049	0.0004	NJ	0.0004

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0042	0.0042	UJ
Dichlorobiphenyls	12	0.0035	0.0035	UJ
Trichlorobiphenyls	24	0.003	0.0013	J
Tetrachlorobiphenyls	42	0.016	0.0012	J
Pentachlorobiphenyls	46	0.011	0.001	J
Hexachlorobiphenyls	42	0.023	0.0006	J
Heptachlorobiphenyls	24	0.002	0.0005	J
Octachlorobiphenyls	12	0.002	0.0004	J
Nonachlorobiphenyls	3	0.0006	0.0006	UJ
Decachlorobiphenyl	1	0.0004	0.0004	UJ
Total PCB		0.057	0.0004	

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Solids	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/23/2014 10/25/2014
PRL ID:	PC140855B	HRMS File:	FS10231405 FS10251407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	5	5	145
$^{13}C_{12}$-4-MoCB	3L	4	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	11	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	13	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	12	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	39	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	24	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	34	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	32	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	28	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	51	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	54	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	51	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	59	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	63	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	25	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	61	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	66	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	73	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	68	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	30	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	106	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	37	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	84	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	68	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	70	10	145
$^{13}C_{12}$-DeCB	209L	62	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	116	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	90	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	74	10	145

QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Solids	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/23/2014 10/25/2014
PRL ID:	PC140856S	HRMS File:	FS10231403 FS10251405

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2-MoCB	PCB-001	2051-60-7	0.1	109.0	60	135	Pass	7
4-MoCB	PCB-003	2051-62-9	0.1	88.0	60	135	Pass	7
2,6-DiCB	PCB-010	33146-45-1	0.1	92.0				-
2,2'-DiCB	PCB-004	13029-08-8	0.1	121.0	60	135	Pass	17
	PCB-005/008		0.1	186.0				-
4,4'-DiCB	PCB-015	2050-68-2	0.1	101.0	60	135	Pass	8
2,2',6-TrCB	PCB-019	38444-73-4	0.1	106.0	60	135	Pass	16
2,2',5-TrCB	PCB-018	37680-65-2	0.1	81.0				-
2,4,4'-TrCB	PCB-028	7012-37-5	0.1	86.0				-
	PCB-020/033		0.1	99.0				-
2,3,4'-TrCB	PCB-022	38444-85-8	0.1	118.0				-
3,4,4'-TrCB	PCB-037	38444-90-5	0.1	116.0	60	135	Pass	51
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.1	112.0	60	135	Pass	27
	PCB-052/069		0.1	105.0				-
	PCB-043/049		0.1	127.0				-
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.1	142.0				-
2,2',3,4-TeCB	PCB-041	52663-59-9	0.1	106.0				-
2,2',3,3'-TeCB	PCB-040	38444-93-8	0.1	94.0				-
2,4,4',5-TeCB	PCB-074	32690-93-0	0.1	119.0				-
2,3',4',5-TeCB	PCB-070	32598-11-1	0.1	140.0				-
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.1	112.0				-
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.1	142.0				-
3,4,4',5-TeCB	PCB-081	70362-50-4	0.1	119.0	60	135	Pass	36
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.1	90.0	60	135	Pass	21
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.1	103.0	60	135	Pass	28
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.1	39.0				-
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.1	56.0				-
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.1	72.0				-
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.1	61.0				-
2,3',4,4',6-PeCB	PCB-119	56558-17-9	0.1	54.0				-
	PCB-087/115		0.1	54.0				-
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.1	81.0				-
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.1	93.0	60	135	Pass	52
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.1	98.0	60	135	Pass	55
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.1	104.0	60	135	Pass	50
2,3,3',4,4'-PeCB	PCB-105	32598-14-4	0.1	98.0	60	135	Pass	60
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.1	84.0	60	135	Pass	63
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.1	101.0	60	135	Pass	28
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.1	36.0				-
	PCB-139/149		0.1	52.0				-
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.1	85.0				-
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.1	128.0				-
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.1	111.0				-
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.1	113.0				-
2,2',3,4,4',5'-HxCB	PCB-138	35065-28-2	0.1	98.0				-
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.1	116.0				-
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.1	99.0				-
2,2',3,3',4,4'-HxCB	PCB-128	38380-07-3	0.1	113.0				-
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.1	110.0	60	135	Pass	62
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.1	116.0	60	135	Pass	64
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.1	111.0	60	135	Pass	74
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.1	111.0	60	135	Pass	64

QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Solids	Date Extracted:	10/10/2014
Field ID:		Date Analysed:	10/23/2014 10/25/2014
PRL ID:	PC140856S	HRMS File:	FS10231403 FS10251405

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.1	115.0	60	135	Pass	31
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.1	77.0				-
	PCB-182/187		0.1	77.0				-
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.1	84.0				-
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.1	88.0				-
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.1	88.0				-
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.1	98.0				-
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.1	107.0				-
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.1	108.0				-
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.1	106.0				-
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.1	100.0	60	135	Pass	96
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.1	108.0	60	135	Pass	41
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.1	78.0				-
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.1	92.0				-
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.1	99.0				-
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.1	119.0				-
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.1	114.0	60	135	Pass	79
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.1	104.0	60	135	Pass	60
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.1	113.0	60	135	Pass	62
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.1	96.0	60	135	Pass	54

LOF - level of fortification

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (034-091014-1328)	Date Extracted:	10/16/2014
Field ID:	#14-13452 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142261	HRMS File:	FS10311414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0062	0.0062	U	0.0062
3-MoCB	PCB-002	2051-61-8	0.009	0.009	U	0.009
4-MoCB	PCB-003	2051-62-9	0.0124	0.0124	U	0.0124
2,6-DiCB	PCB-010	33146-45-1	0.008	0.008	U	0.008
2,2'-DiCB	PCB-004	13029-08-8	0.0109	0.0109	U	0.0109
2,5-DiCB	PCB-009	34883-39-1	0.0083	0.0083	U	0.0083
2,4-DiCB	PCB-007	33284-50-3	0.0068	0.0068	U	0.0068
2,3'-DiCB	PCB-006	25569-80-6	0.115	0.0079		0.0079
2,3/2,4'-DiCB	PCB-005/008		0.291	0.0073		0.0073
3,5-DiCB	PCB-014	34883-41-5	0.0088	0.0088	U	0.0088
3,3'-DiCB	PCB-011	2050-67-1	8.46	0.0089		0.0089
3,4/3,4'-DiCB	PCB-012/013		0.0084	0.0084	U	0.0084
4,4'-DiCB	PCB-015	2050-68-2	0.108	0.0129	N	0.0129
2,2',6-TrCB	PCB-019	38444-73-4	0.0043	0.0043	U	0.0043
2,4,6-TrCB	PCB-030	35693-92-6	0.0023	0.0023	UJ	0.0023
2,2',5-TrCB	PCB-018	37680-65-2	0.38	0.0033		0.0033
2,2',4-TrCB	PCB-017	37680-66-3	0.0964	0.0032		0.0032
2,3,6-TrCB	PCB-024	55702-45-9	0.0026	0.0026	UJ	0.0026
2,3',6-TrCB	PCB-027	38444-76-7	0.002	0.002	UJ	0.002
2,4',6-TrCB	PCB-032	38444-77-8	0.0379	0.0023		0.0023
2,2',3-TrCB	PCB-016	38444-78-9	0.0479	0.0038		0.0038
2,3,5-TrCB	PCB-023	55720-44-0	0.0034	0.0034	UJ	0.0034
2,3',5'-TrCB	PCB-034	37680-68-5	0.0047	0.0031		0.0031
2,4,5-TrCB	PCB-029	15862-07-4	0.0026	0.0026	UJ	0.0026
2,3',5-TrCB	PCB-026	38444-81-4	0.0029	0.0029	UJ	0.0029
2,3',4-TrCB	PCB-025	55712-37-3	0.0033	0.0033	UJ	0.0033
2,4',5-TrCB	PCB-031	16606-02-3	0.17	0.0025		0.0025
2,4,4'-TrCB	PCB-028	7012-37-5	0.137	0.0028		0.0028
2,3,4-TrCB	PCB-021	55702-46-0	0.0038	0.0038	UJ	0.0038
	PCB-020/033		0.167	0.003		0.003
2,3,4'-TrCB	PCB-022	38444-85-8	0.225	0.0037		0.0037
3,3',5-TrCB	PCB-036	38444-87-0	0.0031	0.0031	UJ	0.0031
3,4',5-TrCB	PCB-039	38444-88-1	0.0033	0.0033	UJ	0.0033
3,4,5-TrCB	PCB-038	53555-66-1	0.0037	0.0037	UJ	0.0037
3,3',4-TrCB	PCB-035	37680-69-6	0.157	0.0038		0.0038
3,4,4'-TrCB	PCB-037	38444-90-5	0.0068	0.0046		0.0046
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.003	0.003	UJ	0.003
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0044	0.0044	U	0.0044
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0046	0.0046	U	0.0046
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0045	0.0045	U	0.0045
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0056	0.0048	N	0.0048
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0059	0.0059	U	0.0059
	PCB-052/069		0.218	0.0042		0.0042
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0033	0.0033	UJ	0.0033
	PCB-043/049		0.0644	0.0048		0.0048
	PCB-065/075		0.0032	0.0032	UJ	0.0032
	PCB-047/048		0.0614	0.0047		0.0047
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0041	0.0041	U	0.0041
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.006	0.006	U	0.006
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0039	0.0039	U	0.0039
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0052	0.0052	U	0.0052

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (034-091014-1328)	Date Extracted:	10/16/2014
Field ID:	#14-13452 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142261	HRMS File:	FS10311414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0038	0.0038	UJ	0.0038
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0138	0.003	N	0.003
2,2',3,4-TeCB	PCB-041	52663-59-9	0.028	0.0053	N	0.0053
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0034	0.0034	UJ	0.0034
	PCB-040/057		0.0046	0.0046	U	0.0046
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0041	0.0041	U	0.0041
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0039	0.0039	U	0.0039
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0034	0.0034	UJ	0.0034
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0044	0.0044	U	0.0044
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0165	0.0037	N	0.0037
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0046	0.0046	U	0.0046
	PCB-055/080		0.0038	0.0038	UJ	0.0038
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0032	0.0032	UJ	0.0032
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0039	0.0039	U	0.0039
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0045	0.0045	U	0.0045
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0042	0.0042	U	0.0042
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0041	0.0041	U	0.0041
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0042	0.0042	U	0.0042
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0054	0.0054	U	0.0054
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.128	0.0063		0.0063
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0042	0.0042	U	0.0042
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0018	0.0018	UJ	0.0018
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0022	0.0022	UJ	0.0022
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0024	0.0024	UJ	0.0024
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0029	0.0029	UJ	0.0029
	PCB-093/098/102		0.0028	0.0028	UJ	0.0028
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0022	0.0022	UJ	0.0022
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0026	0.0026	UJ	0.0026
	PCB-091/121		0.0022	0.0022	UJ	0.0022
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0026	0.0026	UJ	0.0026
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.003	0.003	UJ	0.003
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0026	0.0026	UJ	0.0026
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.003	0.003	UJ	0.003
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0025	0.0025	UJ	0.0025
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0021	0.0021	UJ	0.0021
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0024	0.0024	UJ	0.0024
	PCB-112/119		0.0019	0.0019	UJ	0.0019
	PCB-083/109		0.0025	0.0025	UJ	0.0025
	PCB-086/117		0.0024	0.0024	UJ	0.0024
	PCB-097/116		0.0026	0.0026	UJ	0.0026
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0021	0.0021	UJ	0.0021
	PCB-087/115		0.0025	0.0025	UJ	0.0025
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0021	0.0021	UJ	0.0021
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0027	0.0027	UJ	0.0027
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.002	0.002	UJ	0.002
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0021	0.0021	UJ	0.0021
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0033	0.0033	UJ	0.0033
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0037	0.0037	UJ	0.0037
	PCB-107/108		0.0033	0.0033	UJ	0.0033
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0026	0.0026	UJ	0.0026
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.003	0.003	UJ	0.003

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (034-091014-1328)	Date Extracted:	10/16/2014
Field ID:	#14-13452 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142261	HRMS File:	FS10311414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0026	0.0026	UJ	0.0026
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0022	0.0022	UJ	0.0022
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0031	0.0031	UJ	0.0031
	PCB-105/127		0.003	0.003	UJ	0.003
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0046	0.0046	U	0.0046
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0015	0.0015	UJ	0.0015
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0012	0.0012	UJ	0.0012
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0011	0.0011	UJ	0.0011
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0012	0.0012	UJ	0.0012
	PCB-136/148		0.0013	0.0013	UJ	0.0013
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0013	0.0013	UJ	0.0013
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0018	0.0018	UJ	0.0018
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0014	0.0014	UJ	0.0014
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0021	0.0021	UJ	0.0021
	PCB-139/149		0.0016	0.0016	UJ	0.0016
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0021	0.0021	UJ	0.0021
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0023	0.0023	UJ	0.0023
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.003	0.003	UJ	0.003
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0024	0.0024	UJ	0.0024
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0029	0.0029	UJ	0.0029
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0022	0.0022	UJ	0.0022
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0022	0.0022	UJ	0.0022
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0018	0.0018	UJ	0.0018
	PCB-132/161		0.002	0.002	UJ	0.002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.002	0.002	UJ	0.002
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0021	0.0021	UJ	0.0021
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0025	0.0025	UJ	0.0025
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0026	0.0026	UJ	0.0026
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0027	0.0027	UJ	0.0027
	PCB-163/164		0.002	0.002	UJ	0.002
	PCB-138/160		0.0022	0.0022	UJ	0.0022
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0022	0.0022	UJ	0.0022
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0018	0.0018	UJ	0.0018
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0017	0.0017	UJ	0.0017
	PCB-128/162		0.0022	0.0022	UJ	0.0022
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0015	0.0015	UJ	0.0015
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0018	0.0018	UJ	0.0018
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0016	0.0016	UJ	0.0016
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0034	0.0034	UJ	0.0034
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0011	0.0011	UJ	0.0011
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.001	0.001	UJ	0.001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0011	0.0011	UJ	0.0011
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0015	0.0015	UJ	0.0015
	PCB-182/187		0.0017	0.0013	NJ	0.0013
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0013	0.0013	UJ	0.0013
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0015	0.0015	UJ	0.0015

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (034-091014-1328)	Date Extracted:	10/16/2014
Field ID:	#14-13452 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142261	HRMS File:	FS10311414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0016	0.0016	UJ	0.0016
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0016	0.0016	UJ	0.0016
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0018	0.0018	UJ	0.0018
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0016	0.0016	UJ	0.0016
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0013	0.0013	UJ	0.0013
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0016	0.0016	UJ	0.0016
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.002	0.002	UJ	0.002
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0018	0.0018	UJ	0.0018
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0032	0.0032	UJ	0.0032
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0033	0.0033	UJ	0.0033
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0047	0.0047	U	0.0047
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0088	0.0017		0.0017

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0062	0.0062	U
Dichlorobiphenyls	12	8.87	0.0068	
Trichlorobiphenyls	24	1.43	0.002	
Tetrachlorobiphenyls	42	0.472	0.003	
Pentachlorobiphenyls	46	0.0018	0.0018	UJ
Hexachlorobiphenyls	42	0.0011	0.0011	UJ
Heptachlorobiphenyls	24	0.001	0.001	UJ
Octachlorobiphenyls	12	0.0012	0.0012	UJ
Nonachlorobiphenyls	3	0.0032	0.0032	UJ
Decachlorobiphenyl	1	0.0088	0.0017	
Total PCB		10.8	0.001	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (034-091014-1328)	Date Extracted:	10/16/2014
Field ID:	#14-13452 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142261	HRMS File:	FS10311414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	11	5	145
$^{13}C_{12}$-4-MoCB	3L	6	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	35	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	23	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	39	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	62	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	42	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	46	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	31	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	72	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	88	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	83	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	94	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	85	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	88	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	58	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	68	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	59	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	69	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	62	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	46	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	96	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	34	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	58	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	63	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	43	10	145
$^{13}C_{12}$-DeCB	209L	40	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	61	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	91	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	55	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (036-091014-1329)	Date Extracted:	10/16/2014
Field ID:	#14-13453 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142262	HRMS File:	FS10311416 FS11011410

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.013	0.013	U	0.013
3-MoCB	PCB-002	2051-61-8	0.0157	0.0157	U	0.0157
4-MoCB	PCB-003	2051-62-9	0.0159	0.0159	U	0.0159
2,6-DiCB	PCB-010	33146-45-1	0.007	0.007	U	0.007
2,2'-DiCB	PCB-004	13029-08-8	0.0136	0.0136	U	0.0136
2,5-DiCB	PCB-009	34883-39-1	0.0072	0.0072	U	0.0072
2,4-DiCB	PCB-007	33284-50-3	0.0059	0.0059	U	0.0059
2,3'-DiCB	PCB-006	25569-80-6	0.0069	0.0069	U	0.0069
2,3/2,4'-DiCB	PCB-005/008		0.242	0.0064		0.0064
3,5-DiCB	PCB-014	34883-41-5	0.0077	0.0077	U	0.0077
3,3'-DiCB	PCB-011	2050-67-1	0.723	0.0077		0.0077
3,4/3,4'-DiCB	PCB-012/013		0.0073	0.0073	U	0.0073
4,4'-DiCB	PCB-015	2050-68-2	0.0084	0.0084	U	0.0084
2,2',6-TrCB	PCB-019	38444-73-4	0.0083	0.0083	U	0.0083
2,4,6-TrCB	PCB-030	35693-92-6	0.0021	0.0021	UJ	0.0021
2,2',5-TrCB	PCB-018	37680-65-2	0.0032	0.0032	UJ	0.0032
2,2',4-TrCB	PCB-017	37680-66-3	0.003	0.003	UJ	0.003
2,3,6-TrCB	PCB-024	55702-45-9	0.0024	0.0024	UJ	0.0024
2,3',6-TrCB	PCB-027	38444-76-7	0.0019	0.0019	UJ	0.0019
2,4',6-TrCB	PCB-032	38444-77-8	0.0022	0.0022	UJ	0.0022
2,2',3-TrCB	PCB-016	38444-78-9	0.0035	0.0035	UJ	0.0035
2,3,5-TrCB	PCB-023	55720-44-0	0.0033	0.0033	UJ	0.0033
2,3',5'-TrCB	PCB-034	37680-68-5	0.0029	0.0029	UJ	0.0029
2,4,5-TrCB	PCB-029	15862-07-4	0.0025	0.0025	UJ	0.0025
2,3',5-TrCB	PCB-026	38444-81-4	0.0028	0.0028	UJ	0.0028
2,3',4-TrCB	PCB-025	55712-37-3	0.0031	0.0031	UJ	0.0031
2,4',5-TrCB	PCB-031	16606-02-3	0.208	0.0024		0.0024
2,4,4'-TrCB	PCB-028	7012-37-5	0.14	0.0026		0.0026
2,3,4-TrCB	PCB-021	55702-46-0	0.0035	0.0035	UJ	0.0035
	PCB-020/033		0.19	0.0028		0.0028
2,3,4'-TrCB	PCB-022	38444-85-8	0.277	0.0034		0.0034
3,3',5-TrCB	PCB-036	38444-87-0	0.0029	0.0029	UJ	0.0029
3,4',5-TrCB	PCB-039	38444-88-1	0.0031	0.0031	UJ	0.0031
3,4,5-TrCB	PCB-038	53555-66-1	0.0035	0.0035	UJ	0.0035
3,3',4-TrCB	PCB-035	37680-69-6	0.0035	0.0035	UJ	0.0035
3,4,4'-TrCB	PCB-037	38444-90-5	0.11	0.0029		0.0029
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0058	0.0058	U	0.0058
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0058	0.0058	U	0.0058
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0061	0.0061	U	0.0061
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.006	0.006	U	0.006
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0063	0.0063	U	0.0063
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0077	0.0077	U	0.0077
	PCB-052/069		0.357	0.0055		0.0055
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0044	0.0044	U	0.0044
	PCB-043/049		0.254	0.0064		0.0064
	PCB-065/075		0.0043	0.0043	U	0.0043
	PCB-047/048		0.125	0.0062		0.0062
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0054	0.0054	U	0.0054
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0079	0.0079	U	0.0079
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0465	0.0051	N	0.0051
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0069	0.0069	U	0.0069

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (036-091014-1329)	Date Extracted:	10/16/2014
Field ID:	#14-13453 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142262	HRMS File:	FS10311416 FS11011410

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.005	0.005	U	0.005
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0863	0.004		0.004
2,2',3,4-TeCB	PCB-041	52663-59-9	0.144	0.007		0.007
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0045	0.0045	U	0.0045
	PCB-040/057		0.0414	0.0061	U	0.0061
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0054	0.0054	U	0.0054
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0051	0.0051	U	0.0051
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0044	0.0044	U	0.0044
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0058	0.0058	U	0.0058
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0453	0.0048		0.0048
2,3',4',5-TeCB	PCB-070	32598-11-1	0.143	0.0061		0.0061
	PCB-055/080		0.0051	0.0051	U	0.0051
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0723	0.0042		0.0042
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0051	0.0051	U	0.0051
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0492	0.006		0.006
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0056	0.0056	U	0.0056
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0055	0.0055	U	0.0055
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0056	0.0056	U	0.0056
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0058	0.0058	U	0.0058
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0058	0.0058	U	0.0058
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0018	0.0018	UJ	0.0018
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0015	0.0015	UJ	0.0015
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0018	0.0018	UJ	0.0018
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.002	0.002	UJ	0.002
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0023	0.0023	UJ	0.0023
	PCB-093/098/102		0.0022	0.0022	UJ	0.0022
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0302	0.0018		0.0018
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0021	0.0021	UJ	0.0021
	PCB-091/121		0.0018	0.0018	UJ	0.0018
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0021	0.0021	UJ	0.0021
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0024	0.0024	UJ	0.0024
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0021	0.0021	UJ	0.0021
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0024	0.0024	UJ	0.0024
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0404	0.0021		0.0021
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0017	0.0017	UJ	0.0017
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0116	0.0019	N	0.0019
	PCB-112/119		0.0016	0.0016	UJ	0.0016
	PCB-083/109		0.002	0.002	UJ	0.002
	PCB-086/117		0.002	0.002	UJ	0.002
	PCB-097/116		0.0108	0.0021	N	0.0021
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0017	0.0017	UJ	0.0017
	PCB-087/115		0.0096	0.002	N	0.002
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0037	0.0017	N	0.0017
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0022	0.0022	UJ	0.0022
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0016	0.0016	UJ	0.0016
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0324	0.0017	UJ	0.0017
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0027	0.0027	UJ	0.0027
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0036	0.0036	UJ	0.0036
	PCB-107/108		0.0027	0.0027	UJ	0.0027
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0023	0.0023	UJ	0.0023
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0024	0.0024	UJ	0.0024

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (036-091014-1329)	Date Extracted:	10/16/2014
Field ID:	#14-13453 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142262	HRMS File:	FS10311416 FS11011410

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.041	0.0025		0.0025
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0024	0.0024	UJ	0.0024
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0025	0.0025	UJ	0.0025
	PCB-105/127		0.0027	0.0027	UJ	0.0027
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0044	0.0044	U	0.0044
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0015	0.0015	UJ	0.0015
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0011	0.0011	UJ	0.0011
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0011	0.0011	UJ	0.0011
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0012	0.0012	UJ	0.0012
	PCB-136/148		0.0017	0.0012	NJ	0.0012
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0013	0.0013	UJ	0.0013
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0013	0.0013	UJ	0.0013
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0021	0.0021	UJ	0.0021
	PCB-139/149		0.0015	0.0015	UJ	0.0015
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0021	0.0021	UJ	0.0021
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0023	0.0023	UJ	0.0023
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.003	0.003	UJ	0.003
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0024	0.0024	UJ	0.0024
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0029	0.0029	UJ	0.0029
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0022	0.0022	UJ	0.0022
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0022	0.0022	UJ	0.0022
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0018	0.0018	UJ	0.0018
	PCB-132/161		0.002	0.002	UJ	0.002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0019	0.0019	UJ	0.0019
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0021	0.0021	UJ	0.0021
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0024	0.0024	UJ	0.0024
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0025	0.0025	UJ	0.0025
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0026	0.0026	UJ	0.0026
	PCB-163/164		0.0166	0.0019		0.0019
	PCB-138/160		0.0302	0.0021		0.0021
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0062	0.0017	UJ	0.0017
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0021	0.0021	UJ	0.0021
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0017	0.0017	UJ	0.0017
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0017	0.0017	UJ	0.0017
	PCB-128/162		0.0025	0.0021	NJ	0.0021
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0017	0.0017	UJ	0.0017
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0016	0.0016	UJ	0.0016
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0016	0.0016	UJ	0.0016
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0031	0.0031	UJ	0.0031
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0011	0.0011	UJ	0.0011
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.001	0.001	UJ	0.001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0011	0.0011	UJ	0.0011
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0012	0.0012	UJ	0.0012
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0015	0.0015	UJ	0.0015
	PCB-182/187		0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0014	0.0014	UJ	0.0014
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0016	0.0016	UJ	0.0016

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (036-091014-1329)	Date Extracted:	10/16/2014
Field ID:	#14-13453 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142262	HRMS File:	FS10311416 FS11011410

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0026	0.0016	NJ	0.0016
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0016	0.0016	UJ	0.0016
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0014	0.0014	UJ	0.0014
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0059	0.0019	N	0.0019
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0012	0.0012	UJ	0.0012
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0017	0.0017	UJ	0.0017
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0019	0.0014	NJ	0.0014
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0016	0.0016	UJ	0.0016
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.002	0.002	UJ	0.002
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0018	0.0018	UJ	0.0018
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0031	0.0031	UJ	0.0031
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.003	0.003	UJ	0.003
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0038	0.0038	U	0.0038
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0017	0.0017	UJ	0.0017

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.013	0.013	U
Dichlorobiphenyls	12	0.965	0.0059	
Trichlorobiphenyls	24	0.925	0.0019	
Tetrachlorobiphenyls	42	1.28	0.004	
Pentachlorobiphenyls	46	0.111	0.0015	
Hexachlorobiphenyls	42	0.0468	0.0011	
Heptachlorobiphenyls	24	0.001	0.001	UJ
Octachlorobiphenyls	12	0.0011	0.0011	UJ
Nonachlorobiphenyls	3	0.003	0.003	UJ
Decachlorobiphenyl	1	0.0017	0.0017	UJ
Total PCB		3.32	0.001	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (036-091014-1329)	Date Extracted:	10/16/2014
Field ID:	#14-13453 (Solids)	Date Analysed:	11/1/2014
PRL ID:	PR142262	HRMS File:	FS10311416 FS11011410

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
$^{13}C_{12}$-2-MoCB	1L	6	5	145
$^{13}C_{12}$-4-MoCB	3L	7	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	24	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	36	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	45	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	79	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	40	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	50	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	41	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	65	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	111	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	95	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	99	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	104	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	103	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	64	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	70	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	74	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	74	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	66	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	56	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	102	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	40	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	60	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	63	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	52	10	145
$^{13}C_{12}$-DeCB	209L	40	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	65	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	90	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	65	10	145

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DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (028-100214-1515)	Date Extracted:	10/24/2014
Field ID:	#14-14781 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142509	HRMS File:	FS10311407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0736	0.0008		0.0008
3-MoCB	PCB-002	2051-61-8	0.0363	0.0012		0.0012
4-MoCB	PCB-003	2051-62-9	0.0784	0.0018		0.0018
2,6-DiCB	PCB-010	33146-45-1	0.0022	0.0022	UJ	0.0022
2,2'-DiCB	PCB-004	13029-08-8	1.88	0.0042		0.0042
2,5-DiCB	PCB-009	34883-39-1	0.0766	0.0023		0.0023
2,4-DiCB	PCB-007	33284-50-3	0.0299	0.0018		0.0018
2,3'-DiCB	PCB-006	25569-80-6	0.347	0.0022		0.0022
2,3/2,4'-DiCB	PCB-005/008		3.48	0.002		0.002
3,5-DiCB	PCB-014	34883-41-5	0.0024	0.0024	UJ	0.0024
3,3'-DiCB	PCB-011	2050-67-1	37.3	0.0024		0.0024
3,4/3,4'-DiCB	PCB-012/013		0.0023	0.0023	UJ	0.0023
4,4'-DiCB	PCB-015	2050-68-2	1.97	0.0027		0.0027
2,2',6-TrCB	PCB-019	38444-73-4	5.78	0.0025		0.0025
2,4,6-TrCB	PCB-030	35693-92-6	0.0011	0.0011	UJ	0.0011
2,2',5-TrCB	PCB-018	37680-65-2	77.3	0.0018		0.0018
2,2',4-TrCB	PCB-017	37680-66-3	19.9	0.0016		0.0016
2,3,6-TrCB	PCB-024	55702-45-9	0.0755	0.0013		0.0013
2,3',6-TrCB	PCB-027	38444-76-7	2.48	0.0011		0.0011
2,4',6-TrCB	PCB-032	38444-77-8	31.9	0.0012		0.0012
2,2',3-TrCB	PCB-016	38444-78-9	39.2	0.0019		0.0019
2,3,5-TrCB	PCB-023	55720-44-0	0.0018	0.0018	UJ	0.0018
2,3',5'-TrCB	PCB-034	37680-68-5	0.0015	0.0015	UJ	0.0015
2,4,5-TrCB	PCB-029	15862-07-4	0.195	0.0014		0.0014
2,3',5-TrCB	PCB-026	38444-81-4	15.4	0.0015		0.0015
2,3',4-TrCB	PCB-025	55712-37-3	2.68	0.0017		0.0017
2,4',5-TrCB	PCB-031	16606-02-3	111	0.0013		0.0013
2,4,4'-TrCB	PCB-028	7012-37-5	101.2	0.0014		0.0014
2,3,4-TrCB	PCB-021	55702-46-0	0.0154	0.0019	N	0.0019
	PCB-020/033		76.8	0.0015		0.0015
2,3,4'-TrCB	PCB-022	38444-85-8	55.3	0.0018		0.0018
3,3',5-TrCB	PCB-036	38444-87-0	5.57	0.0016		0.0016
3,4',5-TrCB	PCB-039	38444-88-1	1.72	0.0016		0.0016
3,4,5-TrCB	PCB-038	53555-66-1	0.0019	0.0019	UJ	0.0019
3,3',4-TrCB	PCB-035	37680-69-6	0.382	0.0019		0.0019
3,4,4'-TrCB	PCB-037	38444-90-5	17.9	0.002		0.002
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.54	0.0023		0.0023
2,2',4,6-TeCB	PCB-050	62796-65-0	0.521	0.004		0.004
2,2',5,6'-TeCB	PCB-053	41464-41-9	51.4	0.0042		0.0042
2,2',4,6'-TeCB	PCB-051	68194-04-7	13.7	0.0041		0.0041
2,2',3,6-TeCB	PCB-045	70362-45-7	34.5	0.0043		0.0043
2,2',3,6'-TeCB	PCB-046	41464-47-5	13.1	0.0053		0.0053
	PCB-052/069		106.9	0.0038		0.0038
2,3',5',6-TeCB	PCB-073	74338-23-1	0.003	0.003	UJ	0.003
	PCB-043/049		101.7	0.0044		0.0044
	PCB-065/075		0.0029	0.0029	UJ	0.0029
	PCB-047/048		74.4	0.0042		0.0042
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0037	0.0037	UJ	0.0037
2,2',3,5'-TeCB	PCB-044	41464-39-5	146.1	0.0054		0.0054
2,3,3',6-TeCB	PCB-059	74472-33-6	7.65	0.0035		0.0035
2,2',3,4'-TeCB	PCB-042	36559-22-5	43.1	0.0047		0.0047

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (028-100214-1515)	Date Extracted:	10/24/2014
Field ID:	#14-14781 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142509	HRMS File:	FS10311407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0034	0.0034	UJ	0.0034
2,3',4',6-TeCB	PCB-071	41464-46-4	60.9	0.0027		0.0027
2,2',3,4-TeCB	PCB-041	52663-59-9	62.9	0.0048		0.0048
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0031	0.0031	UJ	0.0031
	PCB-040/057		20.9	0.0042		0.0042
2,3',4,5-TeCB	PCB-067	73575-53-8	2.74	0.0037		0.0037
2,3,4',5-TeCB	PCB-063	74472-34-7	5.52	0.0035		0.0035
2,3,3',5'-TeCB	PCB-058	41464-49-7	4.79	0.0031		0.0031
2,3,4,5-TeCB	PCB-061	33284-53-6	0.004	0.004	UJ	0.004
2,4,4',5-TeCB	PCB-074	32690-93-0	69.2	0.0033		0.0033
2,3',4',5-TeCB	PCB-070	32598-11-1	137.7	0.0042		0.0042
	PCB-055/080		0.0035	0.0035	UJ	0.0035
2,3',4,4'-TeCB	PCB-066	32598-10-0	87.2	0.0029		0.0029
2,3',4',5'-TeCB	PCB-076	70362-48-0	1.3	0.0035		0.0035
2,3,4,4'-TeCB	PCB-060	33025-41-1	47.2	0.0041		0.0041
2,3,3',4'-TeCB	PCB-056	41464-43-1	70	0.0038		0.0038
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0038	0.0038	UJ	0.0038
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0038	0.0038	UJ	0.0038
3,4,4',5-TeCB	PCB-081	70362-50-4	0.541	0.0083		0.0083
3,3',4,4'-TeCB	PCB-077	32598-13-3	12.1	0.0058		0.0058
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0152	0.0027		0.0027
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	1.19	0.0015		0.0015
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.318	0.0018		0.0018
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.002	0.002	UJ	0.002
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.656	0.0023		0.0023
	PCB-093/098/102		0.0022	0.0022	UJ	0.0022
2,2',3,5',6-PeCB	PCB-095	38379-99-6	42.3	0.0018		0.0018
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0021	0.0021	UJ	0.0021
	PCB-091/121		9.3	0.0017		0.0017
2,2',3,3',6-PeCB	PCB-084	52663-60-2	8.05	0.0021		0.0021
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	20.9	0.0024		0.0024
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	2.08	0.0021		0.0021
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0024	0.0024	UJ	0.0024
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	50.1	0.0021		0.0021
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0017	0.0017	UJ	0.0017
2,2',4,4',5-PeCB	PCB-099	38380-01-7	24.4	0.0019		0.0019
	PCB-112/119		1.09	0.0016		0.0016
	PCB-083/109		2.78	0.002		0.002
	PCB-086/117		0.002	0.002	UJ	0.002
	PCB-097/116		22.8	0.0021		0.0021
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0017	0.0017	UJ	0.0017
	PCB-087/115		28.7	0.002		0.002
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0017	0.0017	UJ	0.0017
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	14.6	0.0022		0.0022
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0016	0.0016	UJ	0.0016
2,3,3',4',6-PeCB	PCB-110	38380-03-9	59	0.0017		0.0017
2,2',3,3',4-PeCB	PCB-082	52663-62-4	12.1	0.0027		0.0027
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	5.46	0.0042		0.0042
	PCB-107/108		6.88	0.0027		0.0027
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	1.92	0.0024		0.0024
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0024	0.0024	UJ	0.0024

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (028-100214-1515)	Date Extracted:	10/24/2014
Field ID:	#14-14781 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142509	HRMS File:	FS10311407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	68.9	0.0019		0.0019
2,3,4,4',5-PeCB	PCB-114	74472-37-0	3.01	0.0025		0.0025
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	1.65	0.0025		0.0025
	PCB-105/127		46.7	0.002		0.002
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.227	0.0042		0.0042
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0012	0.0012	UJ	0.0012
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0151	0.0009		0.0009
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0288	0.0008		0.0008
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0098	0.0009	N	0.0009
	PCB-136/148		3.67	0.0009		0.0009
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.11	0.001		0.001
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	5.35	0.0011		0.0011
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	3.23	0.0013		0.0013
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.001	0.001	UJ	0.001
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	1.73	0.0016		0.0016
	PCB-139/149		19.4	0.0012		0.0012
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0016	0.0016	UJ	0.0016
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.34	0.0017		0.0017
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	3.18	0.0022		0.0022
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.987	0.0021		0.0021
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.43	0.0017		0.0017
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0016	0.0016	UJ	0.0016
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	5.13	0.0013		0.0013
	PCB-132/161		15.2	0.0015		0.0015
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	42.5	0.0015		0.0015
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0016	0.0016	UJ	0.0016
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	10.9	0.0018		0.0018
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	2.77	0.0019		0.0019
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	2.69	0.002		0.002
	PCB-163/164		16.2	0.0015		0.0015
	PCB-138/160		36.1	0.0016		0.0016
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	5.21	0.0013		0.0013
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	1.91	0.0016		0.0016
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.147	0.0013		0.0013
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0013	0.0013	UJ	0.0013
	PCB-128/162		7.77	0.0016		0.0016
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	1.37	0.0013		0.0013
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	4.36	0.0011		0.0011
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.854	0.0012		0.0012
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0023	0.0023	UJ	0.0023
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.001	0.001	UJ	0.001
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	3.8	0.001		0.001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	1.15	0.0011		0.0011
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0015	0.0012	J	0.0012
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	1.62	0.0015		0.0015
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.435	0.0014		0.0014
	PCB-182/187		8.55	0.0013		0.0013
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	4.13	0.0013		0.0013
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	1	0.0015		0.0015

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (028-100214-1515)	Date Extracted:	10/24/2014
Field ID:	#14-14781 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142509	HRMS File:	FS10311407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	8.66	0.0015		0.0015
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	3.89	0.0014		0.0014
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	1.68	0.0015		0.0015
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.123	0.0014		0.0014
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	1.1	0.0015		0.0015
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	22.7	0.0018		0.0018
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0011	0.0011	UJ	0.0011
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.235	0.0011		0.0011
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	6.26	0.0016		0.0016
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	1.28	0.001		0.001
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.325	0.0013		0.0013
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.968	0.0009		0.0009
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.584	0.0007		0.0007
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.188	0.0007		0.0007
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.639	0.0007		0.0007
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	5.66	0.001		0.001
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	2.25	0.0009		0.0009
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	3.22	0.0009		0.0009
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	3	0.0011		0.0011
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	8.73	0.001		0.001
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.607	0.0007		0.0007
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.32	0.0015		0.0015
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.263	0.0013		0.0013
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	2.28	0.0015		0.0015
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0746	0.0008		0.0008

Homologs	# of Congeners		
Monochlorobiphenyls	3	0.188	0.0008
Dichlorobiphenyls	12	45.1	0.0018
Trichlorobiphenyls	24	565	0.0011
Tetrachlorobiphenyls	42	1177	0.0023
Pentachlorobiphenyls	46	435	0.0015
Hexachlorobiphenyls	42	192	0.0008
Heptachlorobiphenyls	24	66.9	0.001
Octachlorobiphenyls	12	25.8	0.0006
Nonachlorobiphenyls	3	2.86	0.0013
Decachlorobiphenyl	1	0.0746	0.0008
Total PCB		2509	0.0006

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (028-100214-1515)	Date Extracted:	10/24/2014
Field ID:	#14-14781 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142509	HRMS File:	FS10311407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	47	5	145
$^{13}C_{12}$-4-MoCB	3L	32	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	61	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	140	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	46	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	137	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	138	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	100	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	96	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	81	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	137	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	139	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	127	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	142	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	120	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	68	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	83	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	85	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	82	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	79	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	65	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	122	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	42	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	83	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	62	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	58	10	145
$^{13}C_{12}$-DeCB	209L	42	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	143	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	93	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	63	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (029-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14783 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142511	HRMS File:	FS10311408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0043	0.0026	N	0.0026
3-MoCB	PCB-002	2051-61-8	0.0048	0.0048	U	0.0048
4-MoCB	PCB-003	2051-62-9	0.0153	0.0153	U	0.0153
2,6-DiCB	PCB-010	33146-45-1	0.0039	0.0039	U	0.0039
2,2'-DiCB	PCB-004	13029-08-8	0.0782	0.0048		0.0048
2,5-DiCB	PCB-009	34883-39-1	0.004	0.004	U	0.004
2,4-DiCB	PCB-007	33284-50-3	0.0033	0.0033	UJ	0.0033
2,3'-DiCB	PCB-006	25569-80-6	0.271	0.0038		0.0038
2,3/2,4'-DiCB	PCB-005/008		0.134	0.0036		0.0036
3,5-DiCB	PCB-014	34883-41-5	0.0043	0.0043	U	0.0043
3,3'-DiCB	PCB-011	2050-67-1	0.0962	0.0043		0.0043
3,4/3,4'-DiCB	PCB-012/013		0.0896	0.0041	U	0.0041
4,4'-DiCB	PCB-015	2050-68-2	0.0072	0.0072	U	0.0072
2,2',6-TrCB	PCB-019	38444-73-4	0.005	0.0024		0.0024
2,4,6-TrCB	PCB-030	35693-92-6	0.0015	0.0015	UJ	0.0015
2,2',5-TrCB	PCB-018	37680-65-2	0.0063	0.0021	N	0.0021
2,2',4-TrCB	PCB-017	37680-66-3	0.0021	0.0021	UJ	0.0021
2,3,6-TrCB	PCB-024	55702-45-9	0.0017	0.0017	UJ	0.0017
2,3',6-TrCB	PCB-027	38444-76-7	0.0012	0.0012	UJ	0.0012
2,4',6-TrCB	PCB-032	38444-77-8	0.0015	0.0015	UJ	0.0015
2,2',3-TrCB	PCB-016	38444-78-9	0.0025	0.0025	UJ	0.0025
2,3,5-TrCB	PCB-023	55720-44-0	0.0021	0.0021	UJ	0.0021
2,3',5'-TrCB	PCB-034	37680-68-5	0.002	0.002	UJ	0.002
2,4,5-TrCB	PCB-029	15862-07-4	0.0016	0.0016	UJ	0.0016
2,3',5-TrCB	PCB-026	38444-81-4	0.0018	0.0018	UJ	0.0018
2,3',4-TrCB	PCB-025	55712-37-3	0.002	0.002	UJ	0.002
2,4',5-TrCB	PCB-031	16606-02-3	0.017	0.0015		0.0015
2,4,4'-TrCB	PCB-028	7012-37-5	0.0196	0.0018	N	0.0018
2,3,4-TrCB	PCB-021	55702-46-0	0.0025	0.0025	UJ	0.0025
	PCB-020/033		0.0277	0.002		0.002
2,3,4'-TrCB	PCB-022	38444-85-8	0.015	0.0024		0.0024
3,3',5-TrCB	PCB-036	38444-87-0	0.0021	0.0021	UJ	0.0021
3,4',5-TrCB	PCB-039	38444-88-1	0.0022	0.0022	UJ	0.0022
3,4,5-TrCB	PCB-038	53555-66-1	0.0025	0.0025	UJ	0.0025
3,3',4-TrCB	PCB-035	37680-69-6	0.0062	0.0025	N	0.0025
3,4,4'-TrCB	PCB-037	38444-90-5	0.0037	0.0037	U	0.0037
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0014	0.0014	UJ	0.0014
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0029	0.0029	UJ	0.0029
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.003	0.003	UJ	0.003
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.003	0.003	UJ	0.003
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0032	0.0032	UJ	0.0032
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0039	0.0039	U	0.0039
	PCB-052/069		0.0213	0.0027		0.0027
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0022	0.0022	UJ	0.0022
	PCB-043/049		0.0032	0.0032	UJ	0.0032
	PCB-065/075		0.0021	0.0021	UJ	0.0021
	PCB-047/048		0.0031	0.0031	UJ	0.0031
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0027	0.0027	UJ	0.0027
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0039	0.0039	U	0.0039
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0026	0.0026	UJ	0.0026
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0034	0.0034	UJ	0.0034

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (029-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14783 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142511	HRMS File:	FS10311408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0025	0.0025	UJ	0.0025
2,3',4',6-TeCB	PCB-071	41464-46-4	0.002	0.002	UJ	0.002
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0035	0.0035	UJ	0.0035
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0023	0.0023	UJ	0.0023
	PCB-040/057		0.0031	0.0031	UJ	0.0031
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0027	0.0027	UJ	0.0027
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0026	0.0026	UJ	0.0026
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0022	0.0022	UJ	0.0022
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0029	0.0029	UJ	0.0029
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0024	0.0024	UJ	0.0024
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0067	0.0031	N	0.0031
	PCB-055/080		0.0025	0.0025	UJ	0.0025
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0021	0.0021	UJ	0.0021
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0026	0.0026	UJ	0.0026
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.003	0.003	UJ	0.003
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.482	0.0028		0.0028
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0027	0.0027	UJ	0.0027
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0028	0.0028	UJ	0.0028
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0068	0.0068	U	0.0068
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.288	0.0066		0.0066
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0028	0.0028	UJ	0.0028
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0021	0.0021	UJ	0.0021
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0024	0.0024	UJ	0.0024
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0027	0.0027	UJ	0.0027
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0032	0.0032	UJ	0.0032
	PCB-093/098/102		0.0031	0.0031	UJ	0.0031
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0025	0.0025	UJ	0.0025
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0065	0.0029	N	0.0029
	PCB-091/121		0.0024	0.0024	UJ	0.0024
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.003	0.003	UJ	0.003
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0034	0.0034	UJ	0.0034
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0029	0.0029	UJ	0.0029
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0033	0.0033	UJ	0.0033
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0029	0.0029	UJ	0.0029
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0024	0.0024	UJ	0.0024
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0027	0.0027	UJ	0.0027
	PCB-112/119		0.0022	0.0022	UJ	0.0022
	PCB-083/109		0.0028	0.0028	UJ	0.0028
	PCB-086/117		0.0027	0.0027	UJ	0.0027
	PCB-097/116		0.0029	0.0029	UJ	0.0029
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0023	0.0023	UJ	0.0023
	PCB-087/115		0.0028	0.0028	UJ	0.0028
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0024	0.0024	UJ	0.0024
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.003	0.003	UJ	0.003
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0022	0.0022	UJ	0.0022
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0024	0.0024	UJ	0.0024
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0037	0.0037	U	0.0037
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0051	0.0051	U	0.0051
	PCB-107/108		0.0037	0.0037	U	0.0037
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0029	0.0029	UJ	0.0029
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0034	0.0034	UJ	0.0034

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (029-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14783 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142511	HRMS File:	FS10311408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0033	0.0033	UJ	0.0033
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0032	0.0032	UJ	0.0032
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0035	0.0035	UJ	0.0035
	PCB-105/127		0.0036	0.0036	UJ	0.0036
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0064	0.0064	U	0.0064
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0021	0.0021	UJ	0.0021
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0017	0.0017	UJ	0.0017
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0016	0.0016	UJ	0.0016
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0018	0.0018	UJ	0.0018
	PCB-136/148		0.0019	0.0019	UJ	0.0019
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.002	0.002	UJ	0.002
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0023	0.0023	UJ	0.0023
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0026	0.0026	UJ	0.0026
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.002	0.002	UJ	0.002
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0032	0.0032	UJ	0.0032
	PCB-139/149		0.0023	0.0023	UJ	0.0023
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0032	0.0032	UJ	0.0032
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0035	0.0035	UJ	0.0035
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0045	0.0045	U	0.0045
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0098	0.0036		0.0036
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0043	0.0043	U	0.0043
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0033	0.0033	UJ	0.0033
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0033	0.0033	UJ	0.0033
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0027	0.0027	UJ	0.0027
	PCB-132/161		0.003	0.003	UJ	0.003
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0147	0.0029	N	0.0029
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0032	0.0032	UJ	0.0032
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0037	0.0037	U	0.0037
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0038	0.0038	U	0.0038
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.004	0.004	U	0.004
	PCB-163/164		0.0048	0.003	N	0.003
	PCB-138/160		0.0226	0.0033	N	0.0033
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0026	0.0026	UJ	0.0026
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0032	0.0032	UJ	0.0032
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0026	0.0026	UJ	0.0026
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0025	0.0025	UJ	0.0025
	PCB-128/162		0.0032	0.0032	UJ	0.0032
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0022	0.0022	UJ	0.0022
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0027	0.0027	UJ	0.0027
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0027	0.0027	UJ	0.0027
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0053	0.0053	U	0.0053
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0019	0.0019	UJ	0.0019
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0015	0.0015	UJ	0.0015
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0016	0.0016	UJ	0.0016
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0017	0.0017	UJ	0.0017
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0021	0.0021	UJ	0.0021
	PCB-182/187		0.0018	0.0018	UJ	0.0018
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0019	0.0019	UJ	0.0019
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0021	0.0021	UJ	0.0021

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (029-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14783 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142511	HRMS File:	FS10311408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0022	0.0022	UJ	0.0022
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.002	0.002	UJ	0.002
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.002	0.002	UJ	0.002
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0022	0.0022	UJ	0.0022
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0019	0.0019	UJ	0.0019
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0025	0.0025	UJ	0.0025
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0016	0.0016	UJ	0.0016
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0023	0.0023	UJ	0.0023
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0015	0.0015	UJ	0.0015
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0018	0.0018	UJ	0.0018
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0024	0.0024	UJ	0.0024
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0023	0.0023	UJ	0.0023
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0022	0.0022	UJ	0.0022
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0024	0.0024	UJ	0.0024
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0024	0.0024	UJ	0.0024
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0031	0.0031	UJ	0.0031
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0034	0.0034	UJ	0.0034
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0031	0.0031	UJ	0.0031
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0032	0.0032	UJ	0.0032
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0038	0.0038	U	0.0038
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0034	0.0034	UJ	0.0034
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0034	0.0034	UJ	0.0034
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0276	0.0056	N	0.0056
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0051	0.0051	U	0.0051
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0062	0.0062	U	0.0062
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.554	0.0019		0.0019

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0026	0.0026	UJ
Dichlorobiphenyls	12	0.579	0.0033	
Trichlorobiphenyls	24	0.0647	0.0012	
Tetrachlorobiphenyls	42	0.791	0.0014	
Pentachlorobiphenyls	46	0.0021	0.0021	UJ
Hexachlorobiphenyls	42	0.0098	0.0016	
Heptachlorobiphenyls	24	0.0014	0.0014	UJ
Octachlorobiphenyls	12	0.0022	0.0022	UJ
Nonachlorobiphenyls	3	0.0051	0.0051	U
Decachlorobiphenyl	1	0.554	0.0019	
Total PCB		2	0.0012	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (029-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14783 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142511	HRMS File:	FS10311408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
$^{13}C_{12}$-2-MoCB	1L	31	5	145
$^{13}C_{12}$-4-MoCB	3L	5	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	63	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	80	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	43	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	85	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	65	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	60	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	53	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	62	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	97	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	80	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	93	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	85	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	81	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	58	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	63	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	63	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	58	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	44	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	56	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	98	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	37	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	48	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	46	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	37	10	145
$^{13}C_{12}$-DeCB	209L	51	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	105	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	70	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	52	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (030-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14784 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142512	HRMS File:	FS10311409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0145	0.0005	N	0.0005
3-MoCB	PCB-002	2051-61-8	0.0007	0.0007	UJ	0.0007
4-MoCB	PCB-003	2051-62-9	0.0008	0.0008	UJ	0.0008
2,6-DiCB	PCB-010	33146-45-1	0.0005	0.0005	UJ	0.0005
2,2'-DiCB	PCB-004	13029-08-8	0.0007	0.0007	UJ	0.0007
2,5-DiCB	PCB-009	34883-39-1	0.0041	0.0005	N	0.0005
2,4-DiCB	PCB-007	33284-50-3	0.0004	0.0004	UJ	0.0004
2,3'-DiCB	PCB-006	25569-80-6	0.0005	0.0005	UJ	0.0005
2,3/2,4'-DiCB	PCB-005/008		0.079	0.0005		0.0005
3,5-DiCB	PCB-014	34883-41-5	0.0006	0.0006	UJ	0.0006
3,3'-DiCB	PCB-011	2050-67-1	0.0517	0.0006		0.0006
3,4/3,4'-DiCB	PCB-012/013		0.0006	0.0006	UJ	0.0006
4,4'-DiCB	PCB-015	2050-68-2	0.0397	0.0009		0.0009
2,2',6-TrCB	PCB-019	38444-73-4	0.0007	0.0004	NJ	0.0004
2,4,6-TrCB	PCB-030	35693-92-6	0.0002	0.0002	UJ	0.0002
2,2',5-TrCB	PCB-018	37680-65-2	0.0164	0.0003		0.0003
2,2',4-TrCB	PCB-017	37680-66-3	0.0074	0.0003		0.0003
2,3,6-TrCB	PCB-024	55702-45-9	0.0003	0.0003	UJ	0.0003
2,3',6-TrCB	PCB-027	38444-76-7	0.0015	0.0002	NJ	0.0002
2,4',6-TrCB	PCB-032	38444-77-8	0.0052	0.0003		0.0003
2,2',3-TrCB	PCB-016	38444-78-9	0.0144	0.0004	N	0.0004
2,3,5-TrCB	PCB-023	55720-44-0	0.0003	0.0003	UJ	0.0003
2,3',5'-TrCB	PCB-034	37680-68-5	0.0011	0.0003	J	0.0003
2,4,5-TrCB	PCB-029	15862-07-4	0.0003	0.0003	NJ	0.0003
2,3',5-TrCB	PCB-026	38444-81-4	0.0141	0.0003		0.0003
2,3',4-TrCB	PCB-025	55712-37-3	0.0085	0.0003		0.0003
2,4',5-TrCB	PCB-031	16606-02-3	0.0827	0.0003		0.0003
2,4,4'-TrCB	PCB-028	7012-37-5	0.104	0.0003		0.0003
2,3,4-TrCB	PCB-021	55702-46-0	0.0016	0.0004	J	0.0004
	PCB-020/033		0.0711	0.0003		0.0003
2,3,4'-TrCB	PCB-022	38444-85-8	0.0497	0.0004		0.0004
3,3',5-TrCB	PCB-036	38444-87-0	0.0005	0.0003	NJ	0.0003
3,4',5-TrCB	PCB-039	38444-88-1	0.0004	0.0004	UJ	0.0004
3,4,5-TrCB	PCB-038	53555-66-1	0.0005	0.0004	NJ	0.0004
3,3',4-TrCB	PCB-035	37680-69-6	0.0009	0.0004	NJ	0.0004
3,4,4'-TrCB	PCB-037	38444-90-5	0.0395	0.0006		0.0006
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0006	0.0003	NJ	0.0003
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0005	0.0005	UJ	0.0005
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0011	0.0005	NJ	0.0005
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0018	0.0005	J	0.0005
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0032	0.0005	J	0.0005
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0012	0.0007	J	0.0007
	PCB-052/069		0.0273	0.0005		0.0005
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0004	0.0004	UJ	0.0004
	PCB-043/049		0.0189	0.0005		0.0005
	PCB-065/075		0.0004	0.0004	UJ	0.0004
	PCB-047/048		0.0125	0.0005	N	0.0005
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0005	0.0005	UJ	0.0005
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0208	0.0007		0.0007
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0018	0.0004	NJ	0.0004
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.004	0.0006	N	0.0006

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (030-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14784 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142512	HRMS File:	FS10311409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0004	0.0004	UJ	0.0004
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0091	0.0003		0.0003
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0006	0.0006	UJ	0.0006
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0004	0.0004	UJ	0.0004
	PCB-040/057		0.0005	0.0005	UJ	0.0005
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0005	0.0005	UJ	0.0005
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0004	0.0004	UJ	0.0004
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0004	0.0004	NJ	0.0004
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0005	0.0005	UJ	0.0005
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0206	0.0004		0.0004
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0695	0.0005		0.0005
	PCB-055/080		0.0004	0.0004	UJ	0.0004
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0203	0.0004		0.0004
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0004	0.0004	UJ	0.0004
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0051	0.0005		0.0005
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0158	0.0005		0.0005
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0005	0.0005	UJ	0.0005
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0005	0.0005	UJ	0.0005
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0008	0.0008	UJ	0.0008
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0009	0.0009	UJ	0.0009
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0005	0.0005	UJ	0.0005
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0003	0.0003	UJ	0.0003
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0004	0.0004	UJ	0.0004
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0005	0.0005	UJ	0.0005
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0005	0.0005	UJ	0.0005
	PCB-093/098/102		0.0005	0.0005	UJ	0.0005
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0121	0.0004		0.0004
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0005	0.0005	UJ	0.0005
	PCB-091/121		0.0022	0.0004	NJ	0.0004
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0043	0.0005	N	0.0005
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0074	0.0006	N	0.0006
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0005	0.0005	UJ	0.0005
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0005	0.0005	UJ	0.0005
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0316	0.0005		0.0005
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0004	0.0004	UJ	0.0004
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0132	0.0004		0.0004
	PCB-112/119		0.0004	0.0004	UJ	0.0004
	PCB-083/109		0.0005	0.0005	UJ	0.0005
	PCB-086/117		0.0004	0.0004	UJ	0.0004
	PCB-097/116		0.0111	0.0005		0.0005
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0004	0.0004	UJ	0.0004
	PCB-087/115		0.0162	0.0005	N	0.0005
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0004	0.0004	UJ	0.0004
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0042	0.0005	N	0.0005
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0004	0.0004	UJ	0.0004
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0318	0.0004		0.0004
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0006	0.0006	UJ	0.0006
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0007	0.0007	UJ	0.0007
	PCB-107/108		0.0006	0.0006	UJ	0.0006
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0005	0.0005	UJ	0.0005
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0006	0.0006	UJ	0.0006

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (030-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14784 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142512	HRMS File:	FS10311409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0594	0.0005		0.0005
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0006	0.0006	UJ	0.0006
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0006	0.0006	UJ	0.0006
	PCB-105/127		0.024	0.0005		0.0005
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0009	0.0009	UJ	0.0009
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0003	0.0003	UJ	0.0003
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0002	0.0002	UJ	0.0002
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0002	0.0002	UJ	0.0002
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0002	0.0002	UJ	0.0002
	PCB-136/148		0.0002	0.0002	UJ	0.0002
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0002	0.0002	UJ	0.0002
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0003	0.0002	NJ	0.0002
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0003	0.0003	UJ	0.0003
	PCB-139/149		0.0136	0.0003		0.0003
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0004	0.0004	UJ	0.0004
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0063	0.0003		0.0003
	PCB-132/161		0.0086	0.0003		0.0003
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0407	0.0003		0.0003
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0098	0.0004		0.0004
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0004	0.0004	UJ	0.0004
	PCB-163/164		0.0116	0.0003		0.0003
	PCB-138/160		0.0345	0.0004		0.0004
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0049	0.0003	N	0.0003
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0004	0.0004	UJ	0.0004
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0003	0.0003	UJ	0.0003
	PCB-128/162		0.0057	0.0004		0.0004
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0031	0.0003	UJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0003	0.0003	UJ	0.0003
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0005	0.0005	UJ	0.0005
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0008	0.0002	NJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0005	0.0003	NJ	0.0003
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0003	0.0003	UJ	0.0003
	PCB-182/187		0.0037	0.0002	J	0.0002
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0003	0.0003	UJ	0.0003

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (030-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14784 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142512	HRMS File:	FS10311409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0015	0.0003	NJ	0.0003
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0007	0.0003	NJ	0.0003
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0071	0.0003		0.0003
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0014	0.0003	NJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0014	0.0002	NJ	0.0002
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0003	0.0003	UJ	0.0003

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0005	0.0005	UJ
Dichlorobiphenyls	12	0.17	0.0004	
Trichlorobiphenyls	24	0.401	0.0002	
Tetrachlorobiphenyls	42	0.214	0.0003	
Pentachlorobiphenyls	46	0.183	0.0003	
Hexachlorobiphenyls	42	0.131	0.0002	
Heptachlorobiphenyls	24	0.0108	0.0002	
Octachlorobiphenyls	12	0.0002	0.0002	UJ
Nonachlorobiphenyls	3	0.0005	0.0005	UJ
Decachlorobiphenyl	1	0.0003	0.0003	UJ
Total PCB		1.11	0.0002	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (030-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14784 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142512	HRMS File:	FS10311409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	81	5	145
$^{13}C_{12}$-4-MoCB	3L	36	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	59	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	53	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	25	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	128	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	68	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	95	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	102	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	68	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	110	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	102	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	101	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	107	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	109	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	63	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	83	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	87	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	87	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	80	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	53	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	135	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	43	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	86	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	76	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	66	10	145
$^{13}C_{12}$-DeCB	209L	52	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	124	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	89	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	61	10	145

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (031-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14785 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142513	HRMS File:	FS103114010

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0415	0.0003		0.0003
3-MoCB	PCB-002	2051-61-8	0.0056	0.0004		0.0004
4-MoCB	PCB-003	2051-62-9	0.0231	0.0005		0.0005
2,6-DiCB	PCB-010	33146-45-1	0.0007	0.0007	UJ	0.0007
2,2'-DiCB	PCB-004	13029-08-8	0.314	0.001		0.001
2,5-DiCB	PCB-009	34883-39-1	0.0444	0.0007		0.0007
2,4-DiCB	PCB-007	33284-50-3	0.0144	0.0006	N	0.0006
2,3'-DiCB	PCB-006	25569-80-6	0.112	0.0007		0.0007
2,3/2,4'-DiCB	PCB-005/008		0.734	0.0006		0.0006
3,5-DiCB	PCB-014	34883-41-5	0.0021	0.0008	NJ	0.0008
3,3'-DiCB	PCB-011	2050-67-1	0.158	0.0008		0.0008
3,4/3,4'-DiCB	PCB-012/013		0.0007	0.0007	UJ	0.0007
4,4'-DiCB	PCB-015	2050-68-2	0.117	0.001		0.001
2,2',6-TrCB	PCB-019	38444-73-4	0.0868	0.0004		0.0004
2,4,6-TrCB	PCB-030	35693-92-6	0.0003	0.0003	UJ	0.0003
2,2',5-TrCB	PCB-018	37680-65-2	0.812	0.0004		0.0004
2,2',4-TrCB	PCB-017	37680-66-3	0.251	0.0004		0.0004
2,3,6-TrCB	PCB-024	55702-45-9	0.0073	0.0003		0.0003
2,3',6-TrCB	PCB-027	38444-76-7	0.0172	0.0002		0.0002
2,4',6-TrCB	PCB-032	38444-77-8	0.0667	0.0003		0.0003
2,2',3-TrCB	PCB-016	38444-78-9	0.273	0.0005		0.0005
2,3,5-TrCB	PCB-023	55720-44-0	0.0004	0.0004	UJ	0.0004
2,3',5'-TrCB	PCB-034	37680-68-5	0.0004	0.0004	UJ	0.0004
2,4,5-TrCB	PCB-029	15862-07-4	0.0044	0.0003	N	0.0003
2,3',5-TrCB	PCB-026	38444-81-4	0.0597	0.0003		0.0003
2,3',4-TrCB	PCB-025	55712-37-3	0.0283	0.0004		0.0004
2,4',5-TrCB	PCB-031	16606-02-3	0.271	0.0003		0.0003
2,4,4'-TrCB	PCB-028	7012-37-5	0.281	0.0003		0.0003
2,3,4-TrCB	PCB-021	55702-46-0	0.0008	0.0005	NJ	0.0005
	PCB-020/033		0.214	0.0004		0.0004
2,3,4'-TrCB	PCB-022	38444-85-8	0.143	0.0004		0.0004
3,3',5-TrCB	PCB-036	38444-87-0	0.022	0.0004		0.0004
3,4',5-TrCB	PCB-039	38444-88-1	0.0004	0.0004	UJ	0.0004
3,4,5-TrCB	PCB-038	53555-66-1	0.0004	0.0004	UJ	0.0004
3,3',4-TrCB	PCB-035	37680-69-6	0.0005	0.0005	UJ	0.0005
3,4,4'-TrCB	PCB-037	38444-90-5	0.0684	0.0008		0.0008
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0015	0.0004	J	0.0004
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0007	0.0007	UJ	0.0007
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0442	0.0008		0.0008
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0082	0.0008	N	0.0008
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0331	0.0008		0.0008
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.001	0.001	UJ	0.001
	PCB-052/069		0.898	0.0007		0.0007
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0006	0.0006	UJ	0.0006
	PCB-043/049		0.276	0.0008		0.0008
	PCB-065/075		0.0005	0.0005	UJ	0.0005
	PCB-047/048		0.0943	0.0008		0.0008
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0007	0.0007	UJ	0.0007
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.614	0.001		0.001
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0007	0.0007	UJ	0.0007
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0674	0.0009		0.0009

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (031-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14785 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142513	HRMS File:	FS103114010

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.177	0.0006		0.0006
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0005	0.0005	UJ	0.0005
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0975	0.0009		0.0009
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0006	0.0006	UJ	0.0006
	PCB-040/057		0.0344	0.0008		0.0008
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0007	0.0007	UJ	0.0007
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0065	0.0007	N	0.0007
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0035	0.0006	N	0.0006
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0007	0.0007	UJ	0.0007
2,4,4',5-TeCB	PCB-074	32690-93-0	0.204	0.0006		0.0006
2,3',4',5-TeCB	PCB-070	32598-11-1	1.11	0.0008		0.0008
	PCB-055/080		0.0007	0.0007	UJ	0.0007
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.263	0.0005		0.0005
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0007	0.0007	UJ	0.0007
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0665	0.0008		0.0008
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.167	0.0007		0.0007
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0007	0.0007	UJ	0.0007
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0007	0.0007	UJ	0.0007
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0012	0.0012	UJ	0.0012
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0413	0.0013		0.0013
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0006	0.0006	UJ	0.0006
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0041	0.0004		0.0004
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0033	0.0005		0.0005
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0013	0.0006	NJ	0.0006
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0037	0.0007		0.0007
	PCB-093/098/102		0.0006	0.0006	UJ	0.0006
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.586	0.0005		0.0005
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0006	0.0006	UJ	0.0006
	PCB-091/121		0.0893	0.0005		0.0005
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.132	0.0006		0.0006
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.256	0.0007		0.0007
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0006	0.0006	UJ	0.0006
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0007	0.0007	UJ	0.0007
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.823	0.0006		0.0006
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0005	0.0005	UJ	0.0005
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.329	0.0005		0.0005
	PCB-112/119		0.0043	0.0004		0.0004
	PCB-083/109		0.0006	0.0006	UJ	0.0006
	PCB-086/117		0.0006	0.0006	UJ	0.0006
	PCB-097/116		0.283	0.0006		0.0006
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0005	0.0005	UJ	0.0005
	PCB-087/115		0.402	0.0006		0.0006
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0024	0.0005	J	0.0005
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.144	0.0006		0.0006
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0005	0.0005	UJ	0.0005
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.859	0.0005		0.0005
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0008	0.0008	UJ	0.0008
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0635	0.0009		0.0009
	PCB-107/108		0.081	0.0008		0.0008
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0101	0.0007		0.0007
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0007	0.0007	UJ	0.0007

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (031-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14785 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142513	HRMS File:	FS103114010

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	1.14	0.0006		0.0006
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0257	0.0006		0.0006
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0113	0.0007		0.0007
	PCB-105/127		0.544	0.0007		0.0007
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0009	0.0009	UJ	0.0009
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0004	0.0004	UJ	0.0004
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0003	0.0003	UJ	0.0003
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0002	0.0002	UJ	0.0002
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0003	0.0003	UJ	0.0003
	PCB-136/148		0.0676	0.0003		0.0003
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0033	0.0003	N	0.0003
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0641	0.0003		0.0003
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0004	0.0004	UJ	0.0004
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.01	0.0005	N	0.0005
	PCB-139/149		0.315	0.0003		0.0003
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0087	0.0005		0.0005
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.069	0.0007		0.0007
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0079	0.0006	N	0.0006
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0061	0.0005	N	0.0005
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0005	0.0005	UJ	0.0005
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0944	0.0004		0.0004
	PCB-132/161		0.348	0.0004		0.0004
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.637	0.0004		0.0004
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.159	0.0005		0.0005
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0789	0.0006		0.0006
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0721	0.0006		0.0006
	PCB-163/164		0.247	0.0004		0.0004
	PCB-138/160		0.745	0.0005		0.0005
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.121	0.0004		0.0004
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.065	0.0005		0.0005
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0069	0.0004		0.0004
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0004	0.0004	UJ	0.0004
	PCB-128/162		0.177	0.0005		0.0005
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0328	0.0004		0.0004
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0862	0.0004		0.0004
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0219	0.0004		0.0004
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0005	0.0005	UJ	0.0005
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0158	0.0002		0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0053	0.0002	N	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0049	0.0003		0.0003
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0019	0.0003	NJ	0.0003
	PCB-182/187		0.0298	0.0003		0.0003
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.019	0.0003		0.0003
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0003	0.0003	UJ	0.0003

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (031-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14785 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142513	HRMS File:	FS103114010

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0313	0.0003		0.0003
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0114	0.0003		0.0003
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0126	0.0003		0.0003
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0017	0.0003	NJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0051	0.0003		0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0601	0.0004		0.0004
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0009	0.0002	NJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0211	0.0003		0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0053	0.0002		0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0031	0.0002	UJ	0.0002
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0026	0.0003	N	0.0003
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0013	0.0002	NJ	0.0002
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0043	0.0003		0.0003
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0035	0.0003	N	0.0003
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0035	0.0003	N	0.0003
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0057	0.0003		0.0003
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0002	0.0002	UJ	0.0002

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0702	0.0003	
Dichlorobiphenyls	12	1.48	0.0006	
Trichlorobiphenyls	24	2.6	0.0002	
Tetrachlorobiphenyls	42	4.19	0.0004	
Pentachlorobiphenyls	46	5.8	0.0004	
Hexachlorobiphenyls	42	3.42	0.0002	
Heptachlorobiphenyls	24	0.216	0.0002	
Octachlorobiphenyls	12	0.01	0.0002	
Nonachlorobiphenyls	3	0.0005	0.0005	UJ
Decachlorobiphenyl	1	0.0002	0.0002	UJ
Total PCB		17.8	0.0002	

DATA REPORT

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (031-100314-1330)	Date Extracted:	10/24/2014
Field ID:	#14-14785 (Solids)	Date Analysed:	10/31/2014
PRL ID:	PR142513	HRMS File:	FS103114010

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	142	5	145
$^{13}C_{12}$-4-MoCB	3L	77	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	79	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	89	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	63	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	127	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	79	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	106	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	101	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	78	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	108	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	110	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	114	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	115	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	109	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	69	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	82	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	78	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	82	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	72	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	55	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	130	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	37	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	88	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	83	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	68	10	145
$^{13}C_{12}$-DeCB	209L	54	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	150	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	100	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	60	10	145

Pacific Rim Laboratories Inc. #103, 19575-55A Avenue, Surrey, BC V3S 8P8 CANADA
Tel: + 604.532.8711 Fax: + 604.532.8712 Email: info@pacificrimlabs.com

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Solids	Date Extracted:	10/24/2014
Field ID:		Date Analysed:	10/31/2014
PRL ID:	PC140889B	HRMS File:	FS10311406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0003	0.0003	UJ	0.0003
3-MoCB	PCB-002	2051-61-8	0.0005	0.0005	UJ	0.0005
4-MoCB	PCB-003	2051-62-9	0.0007	0.0007	UJ	0.0007
2,6-DiCB	PCB-010	33146-45-1	0.0012	0.0012	UJ	0.0012
2,2'-DiCB	PCB-004	13029-08-8	0.001	0.001	UJ	0.001
2,5-DiCB	PCB-009	34883-39-1	0.0012	0.0012	UJ	0.0012
2,4-DiCB	PCB-007	33284-50-3	0.001	0.001	UJ	0.001
2,3'-DiCB	PCB-006	25569-80-6	0.0011	0.0011	UJ	0.0011
2,3/2,4'-DiCB	PCB-005/008		0.0011	0.0011	UJ	0.0011
3,5-DiCB	PCB-014	34883-41-5	0.0013	0.0013	UJ	0.0013
3,3'-DiCB	PCB-011	2050-67-1	0.0013	0.0013	UJ	0.0013
3,4/3,4'-DiCB	PCB-012/013		0.0012	0.0012	UJ	0.0012
4,4'-DiCB	PCB-015	2050-68-2	0.0044	0.0044	U	0.0044
2,2',6-TrCB	PCB-019	38444-73-4	0.0007	0.0007	UJ	0.0007
2,4,6-TrCB	PCB-030	35693-92-6	0.0006	0.0006	UJ	0.0006
2,2',5-TrCB	PCB-018	37680-65-2	0.0008	0.0008	UJ	0.0008
2,2',4-TrCB	PCB-017	37680-66-3	0.0008	0.0008	UJ	0.0008
2,3,6-TrCB	PCB-024	55702-45-9	0.0007	0.0007	UJ	0.0007
2,3',6-TrCB	PCB-027	38444-76-7	0.0005	0.0005	UJ	0.0005
2,4',6-TrCB	PCB-032	38444-77-8	0.0006	0.0006	UJ	0.0006
2,2',3-TrCB	PCB-016	38444-78-9	0.001	0.001	UJ	0.001
2,3,5-TrCB	PCB-023	55720-44-0	0.0008	0.0008	UJ	0.0008
2,3',5'-TrCB	PCB-034	37680-68-5	0.0008	0.0008	UJ	0.0008
2,4,5-TrCB	PCB-029	15862-07-4	0.0006	0.0006	UJ	0.0006
2,3',5-TrCB	PCB-026	38444-81-4	0.0007	0.0007	UJ	0.0007
2,3',4-TrCB	PCB-025	55712-37-3	0.0008	0.0008	UJ	0.0008
2,4',5-TrCB	PCB-031	16606-02-3	0.0006	0.0006	UJ	0.0006
2,4,4'-TrCB	PCB-028	7012-37-5	0.0007	0.0007	UJ	0.0007
2,3,4-TrCB	PCB-021	55702-46-0	0.001	0.001	NJ	0.001
	PCB-020/033		0.0008	0.0008	UJ	0.0008
2,3,4'-TrCB	PCB-022	38444-85-8	0.001	0.001	UJ	0.001
3,3',5-TrCB	PCB-036	38444-87-0	0.0008	0.0008	UJ	0.0008
3,4',5-TrCB	PCB-039	38444-88-1	0.0009	0.0009	UJ	0.0009
3,4,5-TrCB	PCB-038	53555-66-1	0.001	0.001	UJ	0.001
3,3',4-TrCB	PCB-035	37680-69-6	0.001	0.001	UJ	0.001
3,4,4'-TrCB	PCB-037	38444-90-5	0.0028	0.0028	UJ	0.0028
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0003	0.0003	UJ	0.0003
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0007	0.0007	UJ	0.0007
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0007	0.0007	UJ	0.0007
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0007	0.0007	UJ	0.0007
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0008	0.0008	UJ	0.0008
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0009	0.0009	UJ	0.0009
	PCB-052/069		0.0012	0.0007	NJ	0.0007
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0005	0.0005	UJ	0.0005
	PCB-043/049		0.0008	0.0008	UJ	0.0008
	PCB-065/075		0.0005	0.0005	UJ	0.0005
	PCB-047/048		0.0008	0.0008	UJ	0.0008
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0007	0.0007	UJ	0.0007
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.001	0.001	UJ	0.001
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0006	0.0006	UJ	0.0006
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0008	0.0008	UJ	0.0008

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Solids	Date Extracted:	10/24/2014
Field ID:		Date Analysed:	10/31/2014
PRL ID:	PC140889B	HRMS File:	FS10311406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-064/072		0.0006	0.0006	UJ	0.0006
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0005	0.0005	UJ	0.0005
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0009	0.0009	UJ	0.0009
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0006	0.0006	UJ	0.0006
	PCB-040/057		0.0007	0.0007	UJ	0.0007
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0007	0.0007	UJ	0.0007
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0006	0.0006	UJ	0.0006
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0005	0.0005	UJ	0.0005
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0007	0.0007	UJ	0.0007
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0006	0.0006	UJ	0.0006
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0007	0.0007	UJ	0.0007
	PCB-055/080		0.0006	0.0006	UJ	0.0006
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0005	0.0005	UJ	0.0005
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0006	0.0006	UJ	0.0006
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0007	0.0007	UJ	0.0007
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0007	0.0007	UJ	0.0007
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0007	0.0007	UJ	0.0007
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0007	0.0007	UJ	0.0007
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0016	0.0016	UJ	0.0016
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0017	0.0017	UJ	0.0017
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0009	0.0009	UJ	0.0009
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0007	0.0007	UJ	0.0007
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0008	0.0008	UJ	0.0008
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0009	0.0009	UJ	0.0009
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0011	0.0011	UJ	0.0011
	PCB-093/098/102		0.0011	0.0011	UJ	0.0011
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0009	0.0009	UJ	0.0009
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.001	0.001	UJ	0.001
	PCB-091/121		0.0008	0.0008	UJ	0.0008
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.001	0.001	UJ	0.001
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0012	0.0012	UJ	0.0012
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.001	0.001	UJ	0.001
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0011	0.0011	UJ	0.0011
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0024	0.001	NJ	0.001
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0008	0.0008	UJ	0.0008
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0009	0.0009	UJ	0.0009
	PCB-112/119		0.0007	0.0007	UJ	0.0007
	PCB-083/109		0.001	0.001	UJ	0.001
	PCB-086/117		0.0009	0.0009	UJ	0.0009
	PCB-097/116		0.001	0.001	UJ	0.001
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0008	0.0008	UJ	0.0008
	PCB-087/115		0.001	0.001	UJ	0.001
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0008	0.0008	UJ	0.0008
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.001	0.001	UJ	0.001
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0008	0.0008	UJ	0.0008
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0013	0.0013	UJ	0.0013
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0011	0.0011	UJ	0.0011
	PCB-107/108		0.0013	0.0013	UJ	0.0013
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0011	0.0011	UJ	0.0011
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0011	0.0011	UJ	0.0011

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Solids	Date Extracted:	10/24/2014
Field ID:		Date Analysed:	10/31/2014
PRL ID:	PC140889B	HRMS File:	FS10311406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0011	0.0011	NJ	0.0011
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0011	0.0011	UJ	0.0011
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0012	0.0012	UJ	0.0012
	PCB-105/127		0.0011	0.0011	UJ	0.0011
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.0016	0.0016	UJ	0.0016
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0004	0.0004	UJ	0.0004
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0002	0.0002	UJ	0.0002
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0002	0.0002	UJ	0.0002
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0002	0.0002	UJ	0.0002
	PCB-136/148		0.0003	0.0003	UJ	0.0003
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0003	0.0003	UJ	0.0003
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0004	0.0004	UJ	0.0004
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.0004	0.0004	UJ	0.0004
	PCB-139/149		0.0003	0.0003	UJ	0.0003
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.0006	0.0006	UJ	0.0006
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0004	0.0004	UJ	0.0004
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0004	0.0004	UJ	0.0004
	PCB-132/161		0.0004	0.0004	UJ	0.0004
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0004	0.0004	UJ	0.0004
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0005	0.0005	UJ	0.0005
	PCB-163/164		0.0004	0.0004	NJ	0.0004
	PCB-138/160		0.0012	0.0004	NJ	0.0004
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.0004	0.0004	UJ	0.0004
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.0004	0.0004	UJ	0.0004
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0003	0.0003	UJ	0.0003
	PCB-128/162		0.0004	0.0004	UJ	0.0004
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0003	0.0003	UJ	0.0003
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0005	0.0005	UJ	0.0005
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.0003	0.0003	UJ	0.0003
	PCB-182/187		0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0003	0.0003	UJ	0.0003

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Solids	Date Extracted:	10/24/2014
Field ID:		Date Analysed:	10/31/2014
PRL ID:	PC140889B	HRMS File:	FS10311406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0003	0.0003	UJ	0.0003
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0004	0.0002	J	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0006	0.0002	NJ	0.0002

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0003	0.0003	UJ
Dichlorobiphenyls	12	0.001	0.001	UJ
Trichlorobiphenyls	24	0.0005	0.0005	UJ
Tetrachlorobiphenyls	42	0.0003	0.0003	UJ
Pentachlorobiphenyls	46	0.0007	0.0007	UJ
Hexachlorobiphenyls	42	0.0002	0.0002	UJ
Heptachlorobiphenyls	24	0.0004	0.0002	J
Octachlorobiphenyls	12	0.0002	0.0002	UJ
Nonachlorobiphenyls	3	0.0004	0.0004	UJ
Decachlorobiphenyl	1	0.0002	0.0002	UJ
Total PCB		0.0004	0.0002	J

QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK - Solids	Date Extracted:	10/24/2014
Field ID:		Date Analysed:	10/31/2014
PRL ID:	PC140889B	HRMS File:	FS10311406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg

Surrogate Recoveries

Chemical Name	IUPAC #	%	Acceptance Min	Acceptance Max
$^{13}C_{12}$-2-MoCB	1L	48	5	145
$^{13}C_{12}$-4-MoCB	3L	42	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	49	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	23	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	36	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	84	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	52	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	73	5	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	46	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	52	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	77	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	100	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	78	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	96	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	102	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	48	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	78	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	84	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	103	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	72	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	46	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	119	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	49	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	91	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	74	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	76	10	145
$^{13}C_{12}$-DeCB	209L	65	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	87	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	63	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	64	10	145

QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Solids	Date Extracted:	10/24/2014
Field ID:		Date Analysed:	10/31/2014
PRL ID:	PC140890S	HRMS File:	FS10311404

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2-MoCB	PCB-001	2051-60-7	0.1	104.3	60	135	Pass	114
4-MoCB	PCB-003	2051-62-9	0.1	87.3	60	135	Pass	87
2,6-DiCB	PCB-010	33146-45-1	0.1	93.4				-
2,2'-DiCB	PCB-004	13029-08-8	0.1	108.1	60	135	Pass	121
	PCB-005/008		0.1	70.4				-
4,4'-DiCB	PCB-015	2050-68-2	0.1	109.9	60	135	Pass	75
2,2',6-TrCB	PCB-019	38444-73-4	0.1	116.7	60	135	Pass	45
2,2',5-TrCB	PCB-018	37680-65-2	0.1	92.7				-
2,4,4'-TrCB	PCB-028	7012-37-5	0.1	107.0				-
	PCB-020/033		0.1	113.1				-
2,3,4'-TrCB	PCB-022	38444-85-8	0.1	129.5				-
3,4,4'-TrCB	PCB-037	38444-90-5	0.1	111.5	60	135	Pass	117
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.1	113.3	60	135	Pass	85
	PCB-052/069		0.1	95.0				-
	PCB-043/049		0.1	112.6				-
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.1	136.8				-
2,2',3,4-TeCB	PCB-041	52663-59-9	0.1	85.4				-
2,2',3,3'-TeCB	PCB-040	38444-93-8	0.1	69.6				-
2,4,4',5-TeCB	PCB-074	32690-93-0	0.1	105.5				-
2,3',4',5-TeCB	PCB-070	32598-11-1	0.1	124.2				-
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.1	83.7				-
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.1	115.7				-
3,4,4',5-TeCB	PCB-081	70362-50-4	0.1	105.1	60	135	Pass	98
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.1	95.2	60	135	Pass	86
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.1	106.0	60	135	Pass	80
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.1	45.0				-
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.1	59.3				-
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.1	74.1				-
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.1	66.7				-
2,3',4,4',6-PeCB	PCB-119	56558-17-9	0.1	61.9				-
	PCB-087/115		0.1	48.8				-
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.1	70.9				-
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.1	99.4	60	135	Pass	116
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.1	99.9	60	135	Pass	115
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.1	95.0	60	135	Pass	117
2,3,3',4,4'-PeCB	PCB-105	32598-14-4	0.1	102.4	60	135	Pass	114
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.1	97.5	60	135	Pass	130
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.1	93.9	60	135	Pass	77
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.1	41.4				-
	PCB-139/149		0.1	57.7				-
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.1	103.7				-
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.1	144.7				-
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.1	118.8				-
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.1	111.7				-
2,2',3,4,4',5'-HxCB	PCB-138	35065-28-2	0.1	106.5				-
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.1	118.2				-
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.1	88.4				-
2,2',3,3',4,4'-HxCB	PCB-128	38380-07-3	0.1	97.0				-
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.1	99.7	60	135	Pass	89
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.1	104.1	60	135	Pass	89
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.1	112.9	60	135	Pass	107
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.1	101.8	60	135	Pass	92

QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS) - Solids	Date Extracted:	10/24/2014
Field ID:		Date Analysed:	10/31/2014
PRL ID:	PC140890S	HRMS File:	FS10311404

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
			LOF	Recovery	Min	Max		Recoveries
Chemical Name	IUPAC #	CAS No.	ug/Kg	%	%	%		%
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.1	114.7	60	135	Pass	62
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.1	77.8				-
	PCB-182/187		0.1	74.8				-
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.1	71.0				-
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.1	74.1				-
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.1	70.0				-
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.1	82.4				-
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.1	72.5				-
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.1	83.2				-
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.1	80.6				-
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.1	95.9	60	135	Pass	123
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.1	100.5	60	135	Pass	53
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.1	65.8				-
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.1	79.3				-
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.1	83.0				-
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.1	114.3				-
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.1	101.0	60	135	Pass	97
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.1	91.1	60	135	Pass	75
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.1	106.8	60	135	Pass	79
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.1	79.4	60	135	Pass	67

LOF - level of fortification

Acronyms used in reporting Polychlorinated Biphenyls (PCBs)

MoCB = Monochlorobiphenyl
DiCB = Dichlorobiphenyl
TrCB = Trichlorobiphenyl
TeCB = Tetrachlorobiphenyl
PeCB = Pentachlorobiphenyl
HxCB = Hexachlorobiphenyl
HpCB = Heptachlorobiphenyl
OcCB = Octachlorobiphenyl
NoCB = Nonachlorobiphenyl
DeCB = Decachlorobiphenyl

Acceptable recoveries for PCB Internal Standards - EPA 1668C

Chemical Name	IUPAC #	Min	Max
$^{13}C_{12}$-2-MoCB	1L	5	145
$^{13}C_{12}$-4-MoCB	3L	5	145
$^{13}C_{12}$-2,2'-DiCB	4L	5	145
$^{13}C_{12}$-4,4'-DiCB	15L	5	145
$^{13}C_{12}$-2,2',6'-TrCB	19L	5	145
$^{13}C_{12}$-3,4,4'-TrCB	37L	5	145
$^{13}C_{12}$-2,2',6,6'-TeCB	54L	5	145
$^{13}C_{12}$-3,4,4',5-TeCB	81L	10	145
$^{13}C_{12}$-3,3',4,4'-TeCB	77L	10	145
$^{13}C_{12}$-2,2',4,6,6'-PeCB	104L	10	145
$^{13}C_{12}$-2',3,4,4',5-PeCB	123L	10	145
$^{13}C_{12}$-2,3',4,4',5-PeCB	118L	10	145
$^{13}C_{12}$-2,3,4,4',5-PeCB	114L	10	145
$^{13}C_{12}$-2,3,3',4,4'-PeCB	105L	10	145
$^{13}C_{12}$-3,3',4,4',5-PeCB	126L	10	145
$^{13}C_{12}$-2,2',4,4',6,6'-HxCB	155L	10	145
$^{13}C_{12}$-2,3',4,4',5,5'-HxCB	167L	10	145
$^{13}C_{12}$-2,3,3',4,4',5-HxCB	156L	10	145
$^{13}C_{12}$-2,3,3',4,4',5'-HxCB	157L	10	145
$^{13}C_{12}$-3,3',4,4',5,5'-HxCB	169L	10	145
$^{13}C_{12}$-2,2',3,4',5,6,6'-HpCB	188L	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5'-HpCB	189L	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OcCB	202L	10	145
$^{13}C_{12}$-2,3,3',4,4',5,5',6-OcCB	205L	10	145
$^{13}C_{12}$-2,2',3,3',4',5,5',6,6'-NoCB	208L	10	145
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NoCB	206L	10	145
$^{13}C_{12}$-DeCB	209L	10	145
$^{13}C_{12}$-2,4,4'-TrCB	28L	5	145
$^{13}C_{12}$-2,3,3',5,5'-PeCB	111L	10	145
$^{13}C_{12}$-2,2',3,3',5,5',6-HpCB	178L	10	145

CHAIN OF CUSTODY RECORD

City of Spokane, Wastewater Management
Wastewater Laboratory
4401 N. Aubrey L. White Parkway
Spokane, WA 99205
(509) 625-4600

From:
Name: City of Spokane, RPWRF
Address: N. 4401 A.L. White Parkway
Spokane, WA 99205
Phone: (509) 625-4600 Fax:
Contact: Mike Cannon Email: mcannon@spokanecity.org

To:
Name: Pacific Rim Laboratories Inc.
Address: #103, 19575 55A Ave.
Surrey, B C V3S 8P8
Phone: 604-532-8711
Contact: Dave Hope

Purchase Order # :
Shipper Tracking Number: 8014-2308-6510

Sample Transfer (sign below)

1. Relinquished By:		3. Relinquished By:	
(sign) Gary S. Bussiere	Date: 9/16/14	(sign)	Date:
(print) Gary S. Bussiere	Time: 12:30am	(print)	Time:
2. Received By:		4. Received By:	
(sign)	Date:	(sign)	Date:
(print)	Time:	(print)	Time:
Storage Location (Refrigerator Location):			

Test Parameters (include Method Number)

	Sample Description	Sample Type	AWTP ID #	Collection Time	Collection Date	Matrix (key below)	Preserv. (key below)	Reporting units	# of Cont.	Comments		PCBs - EPA Method 1668C (209 Congeners)
1	PCB Product Sample - (002-082514-1039)	G	#14-13435	10:39am	08/25/14	L	U	pg/l	1	PRI4 2244		X
2	PCB Product Sample - (004-082514-1035)	G	#14-13436	10:35am	08/25/14	L	U	pg/l	1	2245		X
3	PCB Product Sample - (007-082814-1401)	G	#14-13437	2:01pm	08/25/14	L	U	pg/l	1	2246		X
4	PCB Product Sample - (010-090914-0906)	G	#14-13438	9:06am	09/09/14	L	U	pg/l	1	2247		X
5	PCB Product Sample - (011-090914-0908)	G	#14-13439	9:08am	09/09/14	L	U	pg/l	1	2248		X
6	PCB Product Sample - (016-082714-1459)	G	#14-13440	2:59pm	08/27/14	L	U	pg/l	1	2249		X
7	PCB Product Sample - (018-082714-1455)	G	#14-13441	2:55pm	08/27/14	L	U	pg/l	1	2250		X
8	PCB Product Sample - (024-082714-1504)	G	#14-13442	3:04pm	08/27/14	L	U	pg/l	1	2251		X
9	PCB Product Sample - (035-082714-1453)	G	#14-13443	2:53pm	08/27/14	L	U	pg/l	1	2252		X
10	Replicate # 1	G	#14-13444	2:53pm	08/27/14	L	U	pg/l	1	2253		X
11												
12												

Matrix: SW = Surface Water, DW = Drinking Water, GW = Ground Water, WW = Wastewater, L = Liquid, S = Solid/Sludge, SO = Soil, O = Other

Preservation: U = Unpreserved - (Refrigerate (4C) / ice only), F = Freeze, HNO3 = Nitric Acid, HCl = Hydrochloric Acid, H2SO4 = Sulfuric Acid NaOH = Sodium Hydroxide, O = Other

Sample Type: G = Grab, C = Composite

Upon Rec'd Data, Complete Following Steps:

( ) Data Original to Respective File
( ) Invoice to Warehouse for Payment
( ) Data file location
( ) Data Copy File With This Document
Invoice #:

CHAIN OF C 'ODY RECORD / ANALYSIS REQUEST

Pacific Rim Laboratories Inc. #103, 19575 - 55A Avenue, Surrey, BC V3S 8P8 Tel: 604-532-8711 Fax: 604-532-8712

Pacific Rim Laboratories Inc

COMPANY: City of Spokane RPWRF
4401 N. Aubrey L. White Parkway
Spokane, WA 99205

CONTACT: Jeff Donovan

PHONE: 509-625-4638

Date: 9/16/14

SAMPLE ID	PRL ID	DATE SAMPLED	SAMPLE MATRIX	NUMBER OF CONTAINERS	DIOXIN/FURAN	PCB - dioxin-like (12)	PCB - 209 congener	PAH	NDMA	TBT	Nonylphenol	Date Requested	COMMENTS
002-082514-1039	PF147244	8/25/14	LIQUID	1			X						
004-082514-1035	45	8/25/14	LIQUID	1			X						
007-082814-1401	46	8/28/14	LIQUID	1			X						
010-090914-0906	47	9/9/14	LIQUID	1			X						
011-090914-0908	48	9/9/14	LIQUID	1			X						
016-082714-1459	49	8/27/14	LIQUID	1			X						
018-082714-1455	50	8/27/14	LIQUID	1			X						
024-082714-1504	51	8/25/14	LIQUID	1			X						
035-082714-1453	52	8/27/14	LIQUID	1			X						
REPLICATE #1	53	8/27/14	LIQUID	1			X						

Sampler's Signature	Relinquished by	Company	Date	Time	Received by:
Gary J Bussiere	Gary J Bussiere	CITY OF SPOKANE RPWRF	9/16/14	12:30PM	JP
Comments:	Method of Shipment: FED EX	Waybill No.: 8014-2308-6516	Rec'd for PRL:	Date: 18 SEPT 14	Time: 1:00
	Shipment Condition: OK	Temp: 22.6°C	Cooler Opened By: JP		

CHAIN OF CUSTODY RECORD

City of Spokane, Wastewater Management
Wastewater Laboratory
4401 N. Aubrey L. White Parkway
Spokane, WA 99205
(509) 625-4600

From:
Name: City of Spokane, RPWRF
Address: N. 4401 A.L. White Parkway
Spokane, WA 99205
Phone: (509) 625-4600 Fax:
Contact: Mike Cannon Email: mcannon@spokanecity.org

To:
Name: Pacific Rim Laboratories Inc.
Address: #103, 19575 55A Ave.
Surrey, B C V3S 8P8
Phone: 604-532-8711
Contact: Dave Hope

Purchase Order # :
Shipper Tracking Number: 8014-2308-6510

Sample Transfer (sign below)

1. Relinquished By:		3. Relinquished By:	
(sign) Gary S. Bussiere	Date: 9/16/14	(sign)	Date:
(print) Gary S. Bussiere	Time: 12:30am	(print)	Time:
2. Received By:		4. Received By:	
(sign)	Date:	(sign)	Date:
(print)	Time:	(print)	Time:
Storage Location (Refrigerator Location):			

Test Parameters (include Method Number)

	Sample Description	Sample Type	AWTP ID #	Collection Time	Collection Date	Matrix (key below)	Preserv. (key below)	Reporting units	# of Cont.	Comments		PCBs - EPA Method 1668C (209 Congeners)
1	PCB Product Sample - (001-091014-1335)	G	#14-13445	1:35pm	09/10/14	L	U	pg/l	1	PR14 2254		X
2	Replicate # 2	G	#14-13446	1:35pm	09/10/14	L	U	pg/l	1	2255		X
3	PCB Product Sample - (003-091014-1340)	G	#14-13447	1:40pm	09/10/14	L	U	pg/l	1	2256		X
4	Replicate # 3	G	#14-13448	1:40pm	09/10/14	L	U	pg/l	1	2257		X
5	PCB Product Sample - (105-091514-0900)	G	#14-13449	9:00am	09/15/14	L	U	pg/l	1	2258		X
6	PCB Product Sample - (032-091014-1335)	G	#14-13450	1:35pm	09/10/14	S	U	pg/l	1	2259		X
7	PCB Product Sample - (033-091014-1340)	G	#14-13451	1:40pm	09/10/14	S	U	pg/l	1	2260		X
8	PCB Product Sample - (034-091014-1328)	G	#14-13452	1:28pm	09/10/14	S	U	pg/l	1	2261		X
9	PCB Product Sample - (036-091014-1329)	G	#14-13453	1:29pm	09/10/14	S	U	pg/l	1	2262		X
10	PCB Product Sample - (017-082614-1400)	G	#14-13454	2:00pm	08/26/14	L	U	pg/l	1	2263		X
11												
12												

Matrix: SW = Surface Water, DW = Drinking Water, GW = Ground Water, WW = Wastewater, L = Liquid, S = Solid/Sludge, SO = Soil, O = Other

Preservation: U = Unpreserved - (Refrigerate (4C) / ice only), F = Freeze, HNO3 = Nitric Acid, HCl = Hydrochloric Acid, H2SO4 = Sulfuric Acid NaOH = Sodium Hydroxide, O = Other

Sample Type: G = Grab, C = Composite

Upon Rec'd Data, Complete Following Steps:
( ) Data Original to Respective File
( ) Data Copy File With This Document
( ) Invoice to Warehouse for Payment
Invoice #:
( ) Data file location

CHAIN OF C ODY RECORD / ANALYSIS REQUEST

Pacific Rim Laboratories Inc. #103, 19575 - 55A Avenue, Surrey, BC V3S 8P8 Tel: 604-532-8711 Fax: 604-532-8712

COMPANY: City of Spokane RPWRF
4401 N. Aubrey L. White Parkway
Spokane, WA 99205

CONTACT: Jeff Donovan

PHONE: 509-625-4638

Date: 9/16/14

SAMPLE ID	PRL ID	DATE SAMPLED	SAMPLE MATRIX	NUMBER OF CONTAINERS	DIOXIN/FURAN	PCB - dioxin-like (12)	PCB - 209 congener	PAH	NDMA	TBT	Nonylphenol		Date Requested	COMMENTS
001-091014-1335	PR147254	9/10/14	LIQUID	1			X							
REPLICATE #2	2255	9/10/14	LIQUID	1			X							
003-091014-1340	56	9/10/14	LIQUID	1			X							
REPLICATE #3	57	9/10/14	LIQUID	1			X							
105-091514-0900	58	9/15/14	LIQUID	1			X							
032-091014-1335	59	9/10/14	SOLID	1			X							
033-091014-1340	60	9/10/14	SOLID	1			X							
034-091014-1328	61	9/10/14	SOLID	1			X							
036-091014-1329	62	9/10/14	SOLID	1			X							
017-082614-1400	63	8/26/14	LIQUID	1			X							oil

Sampler's Signature	Relinquished by:	Company	Date	Time	Received by:	
Gary S Busiere	Gary S Busiere	CITY OF SPOKANE RPWRF	9/16/14	12:30PM	JP	
Comments:	Method of Shipment: FED-EX	Waybill No.: 8014-2308-6510	Rec'd for PRL:		Date: 18Sept14	Time: 1:00
	Shipment Condition: OK	Temp: 22.6°C	Cooler Opened By: JS			

CHAIN OF CUSTODY RECORD

City of Spokane, Wastewater Management
Wastewater Laboratory
4401 N. Aubrey L. White Parkway
Spokane, WA 99205
(509) 625-4600

From: Name: City of Spokane, RPWRF
Address: N. 4401 A.L. White Parkway
Spokane, WA 99205
Phone: (509) 625-4600 Fax:
Contact: Mike Cannon Email: mcannon@spokanecity.org

To: Name: Pacific Rim Laboratories Inc.
Address: #103, 19575 55A Ave.
Surrey, B C V3S 8P8
Phone: 604-532-8711
Contact: Dave Hope

Purchase Order # :
Shipper Tracking Number: **8014-2308-6543**

Sample Transfer (sign below)

1. Relinquished By:		3. Relinquished By:	
(sign) Gary S Bussiere	Date: 10/8/14	(sign)	Date:
(print) Gary S. Bussiere	Time: 12:30am	(print)	Time:
2. Received By:		4. Received By:	
(sign)	Date:	(sign)	Date:
(print)	Time:	(print)	Time:
Storage Location (Refrigerator Location):			

Test Parameters (include Method Number)

	Sample Description	Sample Type	AWTP ID #	Collection Time	Collection Date	Matrix (key below)	Preserv. (key below)	Reporting units	# of Cont.	Comments		PCBs - EPA Method 1668C (209 Congeners)								
1	PCB Product Sample - (028-100214-1515)	G	#14-14781	3:15pm	10/02/14	S	U	pg/l	1	PRL4 2509		X								
2	PCB Product Sample - (026-100214-1450)	G	#14-14782	2:50pm	10/02/14	S	U	pg/l	1	" 2510		X								
3	PCB Product Sample - (029-100314-1330)	G	#14-14783	1:30pm	10/03/14	S	U	pg/l	1	" 2511		X								
4	PCB Product Sample - (030-100314-1330)	G	#14-14784	1:30pm	10/03/14	S	U	pg/l	1	" 2512		X								
5	PCB Product Sample - (031-100314-1330)	G	#14-14785	1:30pm	10/03/14	S	U	pg/l	1	" 2513		X								
6	PCB Product Sample - (009-091614-1520)	G	#14-14786	3:20pm	09/16/14	L	U	pg/l	1	" 2514		X								
7	PCB Product Sample - (008-091814-0925)	G	#14-14787	9:25am	09/18/14	L	U	pg/l	1	" 2515		X								
8	" " (008-091814-0925)-replicate #4	G	#14-14788	9:25am	09/18/14	L	U	pg/l	1	" 2516		X								
9	PCB Product Sample - (015-091814-0935)	G	#14-14789	9:35am	09/18/14	L	U	pg/l	1	" 2517		X								
10	PCB Product Sample - (025-091814-1006)	G	#14-14790	10:06am	09/18/14	L	U	pg/l	1	" 2518		X								
11	PCB Product Sample - (022-092914-1245)	G	#14-14791	12:45pm	09/29/14	L	U	pg/l	1	" 2519		X								
12	PCB Product Sample - (021-100214-1420)	G	#14-14792	2:20pm	10/02/14	L	U	pg/l	1	" 2520		X								

Matrix: SW = Surface Water, DW = Drinking Water, GW = Ground Water, WW = Wastewater, L = Liquid, S = Solid/Sludge, SO = Soil, O = Other

Preservation: U = Unpreserved - (Refrigerate (4C) / ice only), F = Freeze, HNO3 = Nitric Acid, HCl = Hydrochloric Acid, H2SO4 = Sulfuric Acid NaOH = Sodium Hydroxide, O = Other

Sample Type: G = Grab, C = Composite

Upon Rec'd Data, Complete Following Steps:

( ) Data Original to Respective File
( ) Invoice to Warehouse for Payment
( ) Data file location
( ) Data Copy File With This Document
Invoice #:

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

Pacific Rim Laboratories Inc. #103, 19575 - 55A Avenue, Surrey, BC V3S 8P8 Tel: 604-532-8711 Fax: 604-532-8712

COMPANY: City of Spokane RPWRF
4401 N. Aubrey L. White Parkway
Spokane, WA 99205

CONTACT: Jeff Donovan

PHONE: 509-625-4638

Date: 10/8/14

SAMPLE ID	PRL ID	DATE SAMPLED	SAMPLE MATRIX	NUMBER OF CONTAINERS	DIOXIN/FURAN	PCB - dioxin-like (12)	PCB - 209 congener	PAH	NDMA	TBT	Nonylphenol		Date Requested	COMMENTS
028-100214-1515	PR142509	10/2/14	SOLID				X							
026-100214-1450	PR142510	10/2/14	SOLID				X							
029-100314-1330	PR142511	10/3/14	SOLID				X							
030-100314-1330	PR142512	10/3/14	SOLID				X							
031-100314-1330	PR142513	10/3/14	SOLID				X							
009-091614-1520	PR142514	9/16/14	LIQUID				X							
008-091814-0925	PR142515	9/18/14	LIQUID				X							
(008-991814-0925) REPLICATE #4	PR142516	9/18/14	LIQUID				X							
015-091814-0935	PR142517	9/18/14	LIQUID				X							
025-091814-1006	PR142518	9/18/14	LIQUID				X							
022-092914-1245	PR142519	9/29/14	LIQUID				X							
021-100214-1420	PR142520	10/2/14	LIQUID				X							

Sampler's Signature	Relinquished by	Company	Date	Time	Received by:
[signature]	[signature]	CITY OF SPOKANE RPWRF	10/8/14	12:30PM	

Comments:	Method of Shipment	Waybill No.	Rec'd for PRL:	Date	Time
	FED-EX	8014-2308-6543		03OCT14	12.00

	Shipment Condition	Temp	Cooler Opened By:
	GOOD	19.8°C	A.S