

Appendix A

Chain of Custody Forms

Note:

The total volumes listed on the Chain of Custody sheets were calculated by converting the mean flow values (as recorded by the autosampler) in MGD to gallons per minute by dividing by the number of minutes in a day (1440 minutes/day) and multiplying by 1000,000. Then the gallons per minute were multiplied by the number of minutes the sampler collected to derive a total volume for the sampled event.

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 9-20-13	Time 1215
Received by <i>[Signature]</i>	Date 9-20-13	Time 1215
Sample Numbers		

(A11)

Sample Number	P58795-1	P58795-2	P58795-3
QC Link			
Locator	TEMP MH064-126	TEMP MH071-099	TEMP MH065-357
Short Loc Desc	TEMPLOC	TEMPLOC	TEMPLOC
Locator Desc	TEMPORARY LOCATOR Homer / 8th	TEMPORARY LOCATOR Corson / Eddy	TEMPORARY LOCATOR 18th / Juneau
Site	TEMP	TEMP	TEMP
Comments			
Start Date/Time	9/19/13 @ 0835	@ 0855	@ 0955
End Date/Time	9/20/13 @ 0835	@ 0855	@ 0955
Time Span	24	24	24
Sample Depth			
PERSONNEL	MP	→	
SAMP INFO	dry season baseflow	→	
SAMP METH	01012, 90011, 61022	→	
SAMPLE CODE	TC; 20 min	→	
SAMPLE UNIT	73	73	67
STORM/NON	N	→	
Dept, Matrix, Prod	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM-LVI-LL 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM-LVI-LL 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB <i>overfilled by 26</i>	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM-LVI-LL 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB

DisUd: 24,900
DisUd: .0249-usd

~~507,000~~
510,100
~~0.5027~~
0.5101

4 no lig. detected
~~not exact~~
5 no more liquid

~~91,200~~ 91,100
~~0.0912~~ 0.0911

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 9/26/13	Time 1718
Received by <i>[Signature]</i>	Date 9-26-13	Time 1715
Sample Numbers		

Sample Number	P58826-1	P58826-2	P58826-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments			
Start Date/Time	9/25/13 @1450	@1505	@1625
End Date/Time	9/26/13 @1450	@1505	@1625
Time Span	24	24	24
Sample Depth			
PERSONNEL	MP, CB, BK	→	
SAMP INFO	dry season baseflow	→	
SAMP METH	01012, 671022, 90011	→	
SAMPLE CODE	TC; 20 min	→	
SAMPLE UNIT	73	73	73
STORM/NON	N	→	
Dept, Matrix, Prod	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM-LVI-LL 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM-LVI-LL 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM-LVI-LL 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB

(A1)

Dis Vol : 31,500

401,500

~~13,000~~ 62,900

Disch Rate: 0.0315

0.4015
3

~~0.0630~~ 0.0629

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 10/22/13	Time 1319
Received by <i>[Signature]</i>	Date 10-22-13	Time 1319
Sample Numbers		

(A11)

Sample Number	P58993-1	P58993-2	P58993-3
QC Link			
Locator	MH064-126	MH065-357	MH071-099
Short Loc Desc	MH064-126	MH065-357	MH071-099
Locator Desc	HOMER AND 8TH	18TH AND JUNEAU	CORSON AND EDDY
Site	FACILITIES	FACILITIES	FACILITIES
Comments			
Start Date/Time	10/21/13 @ 1045	@ 1100	@ 1122
End Date/Time	10/22/13 @ 1045	1100	1122
Time Span	24	24	24
Sample Depth			
PERSONNEL	MP, CB, DR		
SAMP INFO	Dry season baseflow		
SAMP METH	01012, 67022, 90011		
SAMPLE CODE	TC; 20 min		
SAMPLE UNIT	73	73	73
STORM/NON	N		
Dept, Matrix, Prod	3 LF DOC 24,100 3 LF TOC 0.0241 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 470,000 3 LF TOC 0.470 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 75,000 3 LF TOC 0.0750 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB

new start 1053
10/22

1105 1140

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 10/23/13	Time 1400
Received by <i>[Signature]</i>	Date 10-23-13	Time 1400
Sample Numbers (All)		

Sample Number	P59024-1	P59024-2	P59024-3
QC Link			
Locator	MH064-126	MH065-357	MH071-099
Short Loc Desc	MH064-126	MH065-357	MH071-099
Locator Desc	HOMER AND 8TH	18TH AND JUNEAU	CORSON AND EDDY
Site	FACILITIES	FACILITIES	FACILITIES
Comments			
Start Date/Time	10/22/13 @ 1053	@ 1105	@ 1140
End Date/Time	10/23/13 @ 1053	@ 1105	@ 1140
Time Span	24	24	24
Sample Depth			
PERSONNEL	CB, DR, MP, BK		
SAMP INFO	dry season baseflow		
SAMP METH	01012, 67022, 90011		
SAMPLE CODE	TC; 20 min		
SAMPLE UNIT	73	73	73
STORM/NON	N		
Dept, Matrix, Prod	3 LF DOC 25,800 3 LF TOC 0.0254 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 334,300 3 LF TOC 0.3343 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 84,700 3 LF TOC 0.0847 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB

16 no lig
 13 no more
 volume okay, errors
 are air bubbles

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>MacBette</i>	Date 10/30/13	Time 1245
Received by <i>M</i>	Date 10/30/13	Time 1245
Sample Numbers 1, 2, 3		

Sample Number	P59070-1	P59070-2	P59070-3
QC Link			
Locator	MH064-126	MH065-357	MH071-099
Short Loc Desc	MH064-126	MH065-357	MH071-099
Locator Desc	HOMER AND 8TH	18TH AND JUNEAU	CORSON AND EDDY
Site	FACILITIES	FACILITIES	FACILITIES
Comments			
Start Date/Time	10/29/13 @ 1035	10/29/13 @ 1049	10/29/13 @ 1105
End Date/Time	10/30/13 @ 1035	10/30/13 @ 1049	10/30/13 @ 1105
Time Span	24	24	24
Sample Depth			
PERSONNEL	MP, DR		
SAMP INFO	log season baseflow		
SAMP METH	01012, 6022, 9001		
SAMPLE CODE	TC; 20 min		
SAMPLE UNIT	72	73	39 + 33, 1
STORM/NON	N		NS
Dept, Matrix, Prod	3 LF DOC 1 no lig detect 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 33 no lig detect 3 LF TOC 1 no more lig 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB

24,100
0.0241

67600
0.0676
404,800
0.4048

67,800
0.0678

404,800
0.4048

RELINQUISHED BY
David Robinson 10/30/13 Time 1450
RECEIVED BY
M Time 145
Sample Number
59070-3

B
11/3/15

(1/1) Info for - 2 written @ - 3

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 11/8/13	Time 1040
Received by <i>[Signature]</i>	Date 11-8-13	Time 1040
Sample Numbers 1, 2 3		[All]

Sample Number	P59155-1	P59155-2	P59155-3
QC Link			
Locator	MH064-126	MH065-357	MH071-099
Short Loc Desc	MH064-126	MH065-357	MH071-099
Locator Desc	HOMER AND 8TH	18TH AND JUNEAU	CORSON AND EDDY
Site	FACILITIES	FACILITIES	FACILITIES
Comments	6		
Start Date/Time	11/7/13 @ 2100	@ 2100	
End Date/Time	11/8/13 @ 2100	@ 1417	
Time Span	24	17 18 25	
Sample Depth		28	
PERSONNEL	MP, DR		
SAMP INFO			
SAMP METH	01011, 90011, 66022		
SAMPLE CODE	FC; 5,000 gal	FC; 15,000 gal	
SAMPLE UNIT	66	73	
STORM/NON	S	S	
Dept, Matrix, Prod	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPH-SIM 10 LG EPA1613BDIOXIN 10 LG EPA1668PCB

Eddy DisVol: ~~328,388~~ ~~1,365,599~~ 1,365,336
 Disch Rate: ~~2.2618~~ 1.8963
 11/13/16
 Wrong columns sampler failed

Homer
~~332,100~~ 379,800
~~1,3221~~
 0.3798

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 11/19/13	Time 1430
Received by <i>[Signature]</i>	Date 11-19-13	Time 1430
Sample Numbers 1, 3		[All]

Sample Number	P59241-1	P59241-2	P59241-3
QC Link			
Locator	MH064-126	MH065-357	MH071-099
Short Loc Desc	MH064-126	MH065-357	MH071-099
Locator Desc	HOMER AND 8TH	18TH AND JUNEAU	CORSON AND EDDY
Site	FACILITIES	FACILITIES	FACILITIES
Comments			
Start Date/Time	11/18/13 @ 1219		11/18/13 @ 1238
End Date/Time	11/19/13 @ 2400		11/18/13 @ 2142
Time Span	11.2568		9.07
Sample Depth			
PERSONNEL	DR, MP		DR, MP
SAMP INFO			
SAMP METH	01011, 66022, 90011		
SAMPLE CODE	FC; 3,500 gal		FC; 15,000 gal
SAMPLE UNIT	73		73
STORM/NON	S		S
Dept, Matrix, Prod	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1613BDIOXIN 10 LG EPA1668PCB

Dis Vol : ~~54477~~ ~~138,102~~ 281,422
 Diss Rate: ~~0.5563~~ 0.5781 281,342 *MP* 11/13/16

MP 11/13/16
~~277,746~~ ~~1,398,760~~
~~3.6693~~ 3.7026
MP 12/29/16

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>Fredrick G. G. G.</i>	Date 11-26-13	Time 1400
Received by <i>[Signature]</i>	Date 11/26/13	Time 1400
Sample Numbers -2		[All]

Sample Number	P59267-1	P59267-2	P59267-3
QC Link			
Locator	MH064-126	MH065-357	MH071-099
Short Loc Desc	MH064-126	MH065-357	MH071-099
Locator Desc	HOMER AND 8TH	18TH AND JUNEAU	CORSON AND EDDY
Site	FACILITIES	FACILITIES	FACILITIES
Comments			
Start Date/Time		11/25/13 11:30	
End Date/Time		11/26/13 11:30	
Time Span		24	
Sample Depth		NA	
PERSONNEL		DR	
SAMP INFO		WBF	
SAMP METH		STRT 01011, 66022, 90011	
SAMPLE CODE		FC; 350901	
SAMPLE UNIT		20	
STORM/NON		N	
Dept, Matrix, Prod	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB

W6130079 28 11/26/13

Dis Vol: ~~93,300~~ 99,300

" Rate: ~~0.0933~~ 0.0993

28
11/13/16

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 12/5/13	Time 1240
Received by <i>[Signature]</i>	Date 12-5-13	Time 1240
Sample Numbers		

(All)

Sample Number	P59294-1	P59294-2	P59294-3
QC Link			
Locator	MH064-126	MH065-357	MH071-099
Short Loc Desc	MH064-126	MH065-357	MH071-099
Locator Desc	HOMER AND 8TH	18TH AND JUNEAU	CORSON AND EDDY
Site	FACILITIES	FACILITIES	FACILITIES
Comments			
Start Date/Time	12/4/13 @ 1045	12/4/13 @ 1130	12/4/13 @ 1110
End Date/Time	12/5/13 @ 1045	12/5/13 @ 0741	12/5/13 @ 0927
Time Span	24	20.25 18	22.25 28
Sample Depth			
PERSONNEL	MP, DR, CB	→	
SAMP INFO	Wet season Baseflow	→	
SAMP METH	01011, 67022, 90011		
SAMPLE CODE	FC; 250 gal	FC; 900 gal	FC; 5,000 gal
SAMPLE UNIT	31	73	73
STORM/NON	N	→	
Dept, Matrix, Prod	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB

Totalizer = 1330 x 1000

Dis Vol: 14,500
" Rate: 0.0145

258
66,268 *78*
~~0.28~~
0.0788

649 *78*
671,750 *78*
0.7235

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 1/9/14	Time 1525
Received by <i>[Signature]</i>	Date 1-9-14	Time 1525
Sample Numbers [All]		

Sample Number	P59471-1	P59471-2	P59471-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	1/8/14 @ 1300	→	
End Date/Time	1/9/14 @ 1300		1/8/14 @ 1805
Time Span	24	24	59.08
Sample Depth			
DIS VOL	172,500	1,915,400	251,665 180,607 ⁴⁸⁸
FLOW, MGD	0.1725	1.9154	0. 398 8527
PERSONNEL	MP, DR	→	
SAMP INFO	.09 @ beginning .42, 0.03 @ end	→	
SAMP METH	01011, 90011, 66022	→	
SAMPLE CODE	FC; 5,000 gal	FC; 2,500 25,000 gal	FC; 2,500 gal
SAMPLE UNIT	28	54	73
STORM/NON	S	→	
Dept, Matrix, Prod	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1613BDIOXIN 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB

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CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 2/12/14	Time 1225
Received by <i>[Signature]</i>	Date 2-12-14	Time 1225
Sample Numbers (7) [All]		

Sample Number	P59681-1	P59681-2	P59681-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	2/11/14 @ 2000		
End Date/Time	2/11/14 @ 2337	2/12/14 @ 1055	2/12/14 @ 0345 ³⁵
Time Span	3.62	14.92	7.25.58
Sample Depth			
DIS VOL	899 ft 199,715	2,230,291 ft 2,080,210	178 ft 369,340
FLOW, MGD	1.3253	3.5876	1.1689
PERSONNEL	MP, DR		
SAMP INFO	storm ended ~ 0100, flows stayed up, ~ 0.7"		
SAMP METH	01011, 66022	01012	
SAMPLE CODE	Fc; 2,500 gal	TC; 15 min	Fc; 5,000 gal
SAMPLE UNIT	73	60	73
STORM/NON	S		
Dept, Matrix, Prod	3 LG DOC 25 no liquid 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1613BDIOXIN 10 LG EPA1668PCB	3 LG DOC 7 sec 3 LG TOC LG est 3 LG TSS → no lid 6 LG HG-CVAA, DISS-L no word 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 2/25/14	Time 0945
Received by <i>[Signature]</i>	Date 2-25-14	Time 0945
Sample Numbers		

(All)

Sample Number	P59745-1	P59745-2	P59745-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	2/24/14 @ 1152	2/24/14 @ 1213	2/24/13 @ 1238
End Date/Time	2/25/14 @ 0754	2/25/14 @ 0803	2/25/13 @ 0502
Time Span	20 ^{hr} 18.03	19 ^{hr} 17.183	16 ^{hr} 16.4
Sample Depth		1,717,195	
DIS VOL	75,113	1,430,888	375,150
FLOW, MGD	0.0900	2.0783	0.5490
PERSONNEL	MP, JD, DR	→	
SAMP INFO	0.28" prior & 0.10" move during sampling		
SAMP METH	01011, 66022, 90011	→	
SAMPLE CODE	FC; 2,500 gal	FC; 25,000 gal	FC; 5,000 gal
SAMPLE UNIT	17	37	73
STORM/NON	5	→	
Dept, Matrix, Prod	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 2/27/14	Time 1018
Received by <i>[Signature]</i>	Date 2-27-14	Time 1018
Sample Numbers 1, 2		[All]

Sample Number	P59756-1	P59756-2	P59756-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	2/26/14 @ 08 ²⁰ 34	2/26/14 @ 0831	2/26/14 @ 0900
End Date/Time	2/27/14 @ 08 ²⁰ 34	2/27/14 @ 0831	2/27/14 @ 1422
Time Span	24	24	
Sample Depth			
DIS VOL		1,827,370	
FLOW, MGD		1.8274	
PERSONNEL	MP, DR	→	
SAMP INFO	flow meter failed @ 1650 ↑ 20,740 gal		
SAMP METH	01012, 90011	01011, 90011	
SAMPLE CODE	TC; 20 min	FC; 7,500 gal	FC; 1,000 gal
SAMPLE UNIT	73	60	
STORM/NON	N	→	
Dept, Matrix, Prod	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>David Blanson</i>	Date <i>3/6/2014</i>	Time <i>1440</i>
Received by <i>[Signature]</i>	Date <i>3-6-14</i>	Time <i>1440</i>
Sample Numbers <i>59833 (182)</i>		[All]

Sample Number	P59833-1	P59833-2	
QC Link			
Locator	MH071-099	MH065-357	
Short Loc Desc	MH071-099	MH065-357	
Locator Desc	CORSON AND EDDY	18TH AND JUNEAU	
Site	FACILITIES	FACILITIES	
Comments	Corson & Eddy	18th & Juneau	
Start Date/Time	<i>3/5/2014</i> <i>1230</i>	<i>3/5/14</i> <i>1230</i>	
End Date/Time	<i>3/6/2014</i> <i>0126</i>	<i>3/5/14</i> <i>2222</i>	
Time Span	<i>12:56:93</i>	<i>9:52:87</i>	
Sample Depth	<i>2,470,977 ft</i>	<i>841 ft</i>	
DIS VOL	<i>2,471,614</i>	<i>549,656 ft</i>	
FLOW, MGD	<i>4.5865</i>	<i>1.3370</i>	
PERSONNEL	<i>PR/CR/BK</i>	<i>PR/CR/BK</i>	
SAMP INFO	<i>Full bottle 73/73</i>	<i>Full bottle</i> <i>Says 40/73</i>	<i>-sucked Air but got them all</i>
SAMP METH	<i>Auto Sampler & flow meter</i>		
SAMPLE CODE	<i>FC; 2,500 gal</i>	<i>FC; 25,000 gal</i>	
SAMPLE UNIT	<i>73</i>	<i>73</i>	
STORM/NON	<i>S</i>		
Dept, Matrix, Prod	<i>3 LG DOC 25,000</i> 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPH-SIM 10 LG EPA1668PCB	<i>3 LG DOC 5,000</i> 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPH-SIM 10 LG EPA1668PCB	

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>David Robinson</i>	Date 3/25/2014	Time 0900
Received by <i>[Signature]</i>	Date 3-25-14	Time 0900
Sample Numbers 59938 1-3		[All]

Sample Number	P59938-1	P59938-2	P59938-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	3/24/2014 0900	→ 0900	3/24/2014 0915
End Date/Time	3/25/2014 0600	→ 0615	3/25/14 0630
Time Span	21 hrs	21.25 hrs	21.25 hrs
Sample Depth			068 ft
DIS VOL	26,250 27,038	1,302,182 1,281,552	181,500
FLOW, MGD	0.0308	1.4477707	0.205045
PERSONNEL	DA/BK/ST/MP	→	→
SAMP INFO	Sampler ran on Time every 15 min	short on volume 15k puls	Sampler ran on Time, every 15 min
SAMP METH	0102 etc ..	→	→
SAMPLE CODE	TC; 15 mins	Fc; 15k pulse	TC; 15 mins
SAMPLE UNIT	60	14	64
STORM/NON	N	→	→
Dept, Matrix, Prod	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB

claims to have missed 4 volume tells another story.

Very Low flows

Very Low flows.

Corrected to Daylight Savings

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>David Robinson</i>	Date 4/2/2014	Time 1033
Received by <i>[Signature]</i>	Date 4-2-14	Time 1033
Sample Numbers 60018 1-3		[All]

Sample Number	P60018-1	P60018-2	P60018-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	4/1/2014 0820	→	→
End Date/Time	4/2/2014 0820	4/2/2014 0820	4/1/2014 0840 1512
Time Span	24 hrs →		6:32:53
Sample Depth			
DIS VOL	20, 300 ⁵	1,345,500 ^{59,700}	67150 8 ⁴
FLOW, MGD	0.22085	1.3453597	0.24678
PERSONNEL	DRISH	→	→
SAMP INFO	ontime - 20 min pulse	Flow signal →	→
SAMP METH	01012	Autosampler & flow meter 01011	01011 →
SAMPLE CODE	Tc; 20 min	Fc; 5k puls	Fc; 900gal pulse
SAMPLE UNIT	73	45	73
STORM/NON	N	→	→
Dept, Matrix, Prod	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1613BDIOXIN 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB

Corrected for Daylight Savings

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>David Robinson</i>	Date 4/8/2014	Time 1045
Received by <i>[Signature]</i>	Date 4-8-14	Time 1045
Sample Numbers 60041 (1-3)		[All]

Sample Number	P60041-1	P60041-2	P60041-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	4/7/2014 0920	0940	0945
End Date/Time	4/8/2014 0920	0555	0945
Time Span	24	20.25	24
Sample Depth	32,000 30,800	942,300 920,869	182,300 181,700
FLOW, MGD	0.0308 ²⁰	1.0914 1168	0.1817 ²³
PERSONNEL	DR BKE		
SAMP METH	Sampler on Time	Flow pulse = 4.009 gal	Flow pulse = 2,500 gal
Dept, Matrix, Prod	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB

20 mins
interval
73/73

73/73

71/73

★ corrected for Daylight Savings

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by	Date	Time
Received by <i>[Signature]</i>	Date 4-23-14	Time 0935
Sample Numbers		[All]

Sample Number	P60114-1	P60114-2	P60114-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	4/16/14 @ 2330	→	
End Date/Time	4/17/14 @ 1304	@ 2330	@ 2330
Time Span	13 hr 57	24	24
Sample Depth	139,795 828	56,800	390,200
FLOW, MGD	Dis Vol 140,811 87 0.249473	2,546,900 528 2.5469	391,300 0.3915
PERSONNEL	MP, DR	→	
SAMP METH			
Dept, Matrix, Prod	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM 10 LG EPA1668PCB

Sample code: FC; 2,000 gal FC; 25,000 gal FC; 8,000 gal
 Unit: 73 54 47
 Sample info .38" @ start .17" .62" →

* corrected for Daylight Savings

missed flows lost
from 1825 - 1850

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>David Robinson</i>	Date 5/9/14	Time 1145
Received by <i>[Signature]</i>	Date 5-9-14	Time 1145
Sample Numbers 60299 1-3		[All]

Sample Number	P60299-1	P60299-2	P60299-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	5/8/2014 1300	5/9 stopped @ 1000	5/9 stopped @ 1020
End Date/Time	5/8 2359		
Time Span	10 hrs	21 @ .00	21 @ .33
Sample Depth	73 samples	46 samps	48 samps
FLOW, MGD			
PERSONNEL	DR/BK/BB		
SAMP METH	0101 flow meter		
Dept, Matrix, Prod	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM

.33" @ 2400
 flow pacing no more rain @ 2,500 gals
 Flow, mgd = $\frac{3908}{0.2271}$
 Dis Vol = $\frac{149,694}{178,845}$
 791 gal

flow pacing @ 20,000 gals
 9267
~~1.2539~~
 $\frac{1,622,162}{1,738,363}$

flow pacing @ 7,000 gals
 3947
~~0.2657~~
 $\frac{325,067}{350,578}$
 523 gal

★ correction Daylight Savings

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 10/14/14	Time 1140
Received by <i>[Signature]</i>	Date 10-14-14	Time 1140
Sample Numbers 2, 3		[All]

Sample Number	P60387-1	P60387-2	P60387-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time		10/13/14 @ 1800	10/13/14 @ 1800
End Date/Time		10/14/14 @ 0935	10/14/14 @ 0950
Time Span		15 1/2 : 58	15 : 4.83
Sample Depth			
FLOW, MGD		2.16 ⁰⁰	0.3567
PERSONNEL		DR, MP	→
SAMP METH		01011, 66022, 9001	→
Dept, Matrix, Prod			
	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM

delete

✓ sampler failed

Dis Vol = ~~1,403,928~~ 236,247
 1,402,500
 200 *fw*

235,323
 273 *fw*

storm began around 2130
 ended ~ 0400
 after ~ 0.60"

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>David Robinson</i>	Date <i>7/8/2014</i>	Time <i>1157</i>
Received by <i>[Signature]</i>	Date <i>7-8-14</i>	Time <i>1157</i>
Sample Numbers <i>60526 1 & 2</i>		[All]

Sample Number	P60526-1	P60526-2	
QC Link			
Locator	MH071-099	MH065-357	
Short Loc Desc	MH071-099	MH065-357	
Locator Desc	CORSON AND EDDY	18TH AND JUNEAU	
Site	FACILITIES	FACILITIES	
Comments	Corson & Eddy	18th & Juneau	
Start Date/Time	<i>7/7/2014</i> →		
End Date/Time	<i>7/8/2014</i> →		
Time Span	<i>23.67</i>	<i>23.67</i>	
Sample Depth			
FLOW, MGD	<i>0.516⁵⁷</i>	<i>0.073⁰</i>	
PERSONNEL	<i>DRob</i> →		
SAMP METH	<i>01012 on 20 min. interval</i>		<i>72 samples each</i>
Dept, Matrix, Prod	<i>66022</i> 3 LF DOC <i>90011</i> 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTH-SIM 10 LF EPA1668PCB	

Dis Vol = ~~733~~, ~~509, 129~~
~~508, 538~~
 609 yr

~~72,479~~
 71,985
 996 yr

* correction for Daylight Savings

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 7/17/14	Time 1111
Received by <i>[Signature]</i>	Date 7-17-14	Time 1111
Sample Numbers		

(A11)

Sample Number	P60671-1	P60671-2
QC Link		
Locator	MH071-099	MH065-357
Short Loc Desc	MH071-099	MH065-357
Locator Desc	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES
Comments	Corson & Eddy	18th & Juneau
Start Date/Time	7/16/14 @ 0930	→ @ 0945
End Date/Time	7/17/14 @ 0945 ³⁰	@ 0945
Time Span	24	24
Sample Depth		
FLOW, MGD	5043 0.4225	0.0671 0.06
PERSONNEL	MP, DR →	
SAMP METH	01012, 66022, 90011 →	
Dept, Matrix, Prod	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTh-SIM 10 LF EPA1668PCB	3 LF DOC 3 LF TOC 3 LF TSS 6 LF HG-CVAA, DISS-L 6 LF HG-CVAA-L 6 LF NPDES ICPMS 6 LF NPDES ICPMS, DISS 6 LF V-ICPMS 6 LF V-ICPMS, DISS 7 LF PAHPHTh-SIM 10 LF EPA1668PCB

Dis Vol: 504,300

67,100

★ correction for Daylight Savings

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 10/23/14	Time 1213
Received by <i>[Signature]</i>	Date 10-23-14	Time 1213
Sample Numbers 2, 3		[All]

Sample Number	P61501-1	P61501-2	P61501-3
QC Link			
Locator	MH064-126	MH071-099	MH065-357
Short Loc Desc	MH064-126	MH071-099	MH065-357
Locator Desc	HOMER AND 8TH	CORSON AND EDDY	18TH AND JUNEAU
Site	FACILITIES	FACILITIES	FACILITIES
Comments	Homer & 8th	Corson & Eddy	18th & Juneau
Start Date/Time	10/21/14	10/22/14 @ 0300	@ 0300
End Date/Time		10/22/14 @ 1555	@ 1502
Time Span		18.92	12.03
Sample Depth		2	
FLOW, MGD			
PERSONNEL		MP, SH, DR	
SAMP METH		01011, 66022, 90011	
Dept, Matrix, Prod	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM

delete sampler failed

7,500 gal

48 samps
24 no lig
1 no more
20,000 gal pulse
Dis Vol: 1,901,501 gal
Flow rate: 3.5322 mgd

39 samps
1 no lig
33 no more
5,000 gal pulse
366 gal
367,468 gal
0.7329 gal

almost 1.00" storm event

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>Marc Path</i>	Date <i>10/31/14</i>	Time <i>1310</i>
Received by <i>lyn h</i>	Date <i>10/31/14</i>	Time <i>1310</i>
Sample Numbers		[All]

Sample Number	P61560-1	P61560-3
QC Link		
Locator	MH064-126	MH065-357
Short Loc Desc	MH064-126	MH065-357
Locator Desc	HOMER AND 8TH	18TH AND JUNEAU
Site	FACILITIES	FACILITIES
Comments	Homer & 8th	18th & Juneau
Start Date/Time	<i>10/30/14 @ 1400</i>	<i>→</i>
End Date/Time	<i>10/31/14 @ 0944</i>	<i>→ @ 0222</i>
Time Span	<i>19 3/4 .73</i>	<i>12 1/4 .37</i>
Sample Depth		
FLOW, MGD	<i>0.6802</i>	<i>0.3567</i>
PERSONNEL	<i>MP</i>	<i>→</i>
SAMP METH	<i>01011, 66022, 90011</i>	<i>→</i>
Dept, Matrix, Prod	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM

73
73

FC; 7,500 gal
FC; 5,000 gal

Dis Vol: 559, ²⁸⁰276
183, ⁸⁴⁹799

0.33" @ sample start

≈ 1.00" wave
≈ 0.50 wave

Project: 423589-320-4

CHAIN OF CUSTODY

Relinquished by <i>[Signature]</i>	Date 12-11-14	Time 1152
Received by <i>[Signature]</i>	Date 12-11-14	Time 1152
Sample Numbers (A111)		

Sample Number	P61610-1	P61610-3	
QC Link			
Locator	MH064-126	MH065-357	
Short Loc Desc	MH064-126	MH065-357	
Locator Desc	HOMER AND 8TH	18TH AND JUNEAU	
Site	FACILITIES	FACILITIES	
Comments	Homer & 8th	18th & Juneau	
Start Date/Time	12/10/14 @ 0100	→ 12/10/14 @ 0100	
End Date/Time	12/11/14 @ 0820	12/10/14 @ 1334	
Time Span	31.33	12.57	
Sample Depth			
FLOW, MGD	0.2130	0.7073	
PERSONNEL	MP, DR	→	
SAMP METH	01011, 66022, 90011	→	
Dept, Matrix, Prod	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM	3 LG DOC 3 LG TOC 3 LG TSS 6 LG HG-CVAA, DISS-L 6 LG HG-CVAA-L 6 LG NPDES ICPMS 6 LG NPDES ICPMS, DISS 6 LG V-ICPMS 6 LG V-ICPMS, DISS 7 LG PAHPHTH-SIM	

~~28~~ 28 ~~28~~ 28
 FC; 7,500 gal FC; 5,000 gal
 Dis Vol = 278,084 ⁵⁴ ~~72~~ 370, ⁴⁴⁸ ~~350~~
 X 0.48" by 0100
 X 0.22 P ~~0100~~