



Department of Energy

Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, Kentucky 40513
(859) 219-4000

OCT 13 2016

Ms. Anita Young, Supervisor
Permit Administration Section
Division of Waste Management, Solid Waste Branch
Kentucky Department for Environmental Protection
300 Sower Blvd.
Frankfort, Kentucky 40601

PPPO-02-3806985-17A

Dear Ms. Young:

C-746-S&T AND C-746-U SOLID WASTE LANDFILL THIRD QUARTER CALENDAR YEAR 2016 WASTE QUANTITY AND OPERATING REPORT, PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, FPDP-RPT-0023/V3

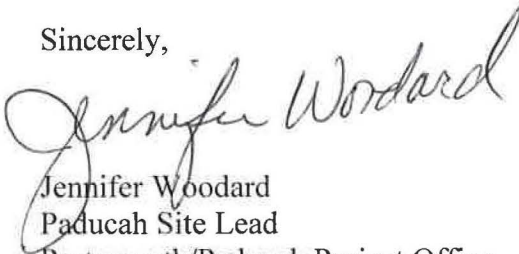
The U.S. Department of Energy has prepared the third quarter operating report for calendar year 2016 for the C-746-S&T and C-746-U Landfills at the Paducah Gaseous Diffusion Plant. Kentucky Solid Waste Regulation 401 *KAR* 47:190 § 8(1) and Solid Waste Permit SW07300014, SW07300015, SW07300045 require submittal of quarterly reports from operators of solid waste landfills. The contained landfill (C-746-U) is an active landfill. The residential landfill (C-746-S) has been inactive since July 1995 and the inert landfill (C-746-T) has been inactive since June 1992.

This report contains operating information for third quarter calendar year 2016. Per correspondence dated February 8, 2005, from Ron Gruzsky, Manager, Solid Waste Branch, an additional C-746-U Quarterly Waste Quantity Report form is included as a separate report in this submittal.

The groundwater analysis data, surface water data, and methane monitoring results are submitted as separate reports for the C-746-S&T Landfills and C-746-U Landfill.

If you have any questions or require additional information, please contact April Ladd at (270) 441-6843.

Sincerely,


Jennifer Woodard
Paducah Site Lead
Portsmouth/Paducah Project Office

Enclosures:

1. C-746-S, T and U Third Quarter 2016 Waste Quantity and Operating Report
2. Waste Quantity Report Form

e-copy w/enclosures:

april.ladd@lex.doe.gov, PPPO/PAD
ffscorrespondence@ffspaducah.com, FFS/Kevil
gary.hines@ffspaducah.com, FFS/Kevil
gaye.brewer@ky.gov, KDEP/PAD
jennifer.blewett@ffspaducah.com, FFS/Kevil
jennifer.watson@ffspaducah.com, FFS/Kevil
jennifer.woodard@lex.doe.gov, PPPO/PAD
john.morgan@ffspaducah.com, FFS/Kevil
leo.williamson@ky.gov, KDEP/Frankfort
lisa.crabtree@ffspaducah.com, FFS/Kevil
michael.gerle@ffspaducah.com, FFS/Kevil
mike.guffey@ky.gov, KDEP/Frankfort
myrna.redfield@ffspaducah.com, FFS/Kevil
pad.rmc@swiftstaley.com, SSI/Kevil
tammy.smith@ffspaducah.com, FFS/Kevil

**C-746-S&T and C-746-U Solid Waste Landfill
Third Quarter Calendar Year 2016
Waste Quantity and Operating Report
Paducah Gaseous Diffusion Plant,
Paducah, Kentucky**



This document is approved for public release per review by:


FPDP Classification Support

10-11-16
Date

FPDP-RPT-0023/V3

**C-746-S&T and C-746-U Solid Waste Landfill
Third Quarter Calendar Year 2016
Waste Quantity and Operating Report
Paducah Gaseous Diffusion Plant,
Paducah, Kentucky**

Date Issued—October 2016

U.S. DEPARTMENT OF ENERGY
Office of Environmental Management

Prepared by
FLUOR FEDERAL SERVICES, INC.,
Paducah Deactivation Project
managing the
Deactivation Project at the
Paducah Gaseous Diffusion Plant
under Task Order DE-DT0007774

THIS PAGE INTENTIONALLY LEFT BLANK

CONTENTS

REPORT SUMMARY.....	v
FACILITY INFORMATION SHEET.....	1
QUARTERLY WASTE QUANTITY REPORT.....	3
COVER LOG.....	7
LEACHATE LOG.....	15

THIS PAGE INTENTIONALLY LEFT BLANK

REPORT SUMMARY

The information contained herein is submitted in accordance with the requirements of Solid Waste Permit Number SW07300045, SW07300014, SW07300015 and 401 KAR 47:190 § 8(1)(a) through (c) and (e), for the third quarter of calendar year 2016 for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky.

In the third quarter of calendar year 2016, 366.62 tons of industrial wastes were disposed of in the C-746-U Contained Landfill. No special waste or spill residue-containing materials were placed in the landfill this quarter. No asbestos-containing materials were a part of the 366.62 total tons of waste dispositioned.

The C-746-S Residential Landfill has been inactive since July 1995, and the C-746-T Inert Landfill has been inactive since June 1992.

Analytical results for surface water, groundwater, and methane monitoring are submitted in separate quarterly Compliance Monitoring Reports for the C-746-U Landfill and C-746-S&T Landfills [401 KAR 47:190 § 8(1)(d)].

Leachate Collection and Disposition

A total of 235,500 gal of leachate from the C-746-U Landfill was treated at the C-746-U15 Leachate Treatment Facility, which discharges to Kentucky Pollutant Discharge Elimination System Outfall 020. There was no leachate transported to off-site treatment facilities for treatment and discharge this quarter.

The tank volume reported on the leachate log is the volume at the time of measurement. Calculation of the next day tank volume by subtraction of disposal volume may not reflect the measured tank volume because additional leachate has entered the system.

A total of 5,800 gal of leachate from the C-746-S Landfill was treated at the C-746-U15 Leachate Treatment Facility this quarter.

Construction Activities and Cover Maintenance

There were no construction activities at the C-746-U Landfill [401 KAR 47:190 § 8(1)(a)]. The landfill was inspected for subsidence in accordance with the cover requirements [401 KAR 48:080 § 9(6)(f)]. No repairs were necessary during the quarter.

There were no construction activities for either the C-746-S or C-746-T Landfills. The landfills were inspected for subsidence in accordance with the cover requirements [401 KAR 48:080 § 9(6)(f)]. No repairs were necessary during the quarter.

THIS PAGE INTENTIONALLY LEFT BLANK

FACILITY INFORMATION SHEET

Sampling Date: N/A

County: McCracken Permit No.: SW07300014; SW07300015;
SW07300045

Facility Name: U.S. DOE—Paducah Gaseous Diffusion Plant
(as officially shown on DWM permit face)

Site Address: 5501 Hobbs Road Kevil, Kentucky 42053
Street City/State Zip

Phone No.: (270) 441-6800 Latitude: N 37° 07' 45" Longitude: W 88° 47' 55"

OWNER INFORMATION

Facility Owner: U.S. DOE—Robert E. Edwards III, Manager Phone No.: (859) 227-5020

Contact Person: Myrna E. Redfield Phone No.: (270) 441-5113

Contact Person Title: Director, Environmental Management, Fluor Federal Services, Inc.

Mailing Address: 5511 Hobbs Road Kevil, Kentucky 42053
Street City/State Zip

SAMPLING PERSONNEL (if other than landfill or laboratory)

Company: N/A

Contact Person: N/A Phone No. N/A

Mailing Address: N/A N/A N/A
Street City/State Zip

LABORATORY RECORD #1

Laboratory: N/A Lab ID No.: N/A

Contact Person: N/A Phone No.: N/A

Mailing Address: N/A N/A N/A
Street City/State Zip

LABORATORY RECORD #2

Laboratory: N/A Lab ID No.: N/A

Contact Person: N/A Phone No.: N/A

Mailing Address: N/A N/A N/A
Street City/State Zip

THIS PAGE INTENTIONALLY LEFT BLANK

QUARTERLY WASTE QUANTITY REPORT

THIS PAGE INTENTIONALLY LEFT BLANK

Department for Environmental Protection/Division of Waste Management/Solid Waste Branch
 Quarterly Waste Quantity Report—DEP 7046Q (Revised 2-05)

Page 1 of 1

WASTE ACTIVITY—CONTAINED LANDFILL

Facility Name: U.S. Department of Energy Permit Number SW07300045
 County where landfill is located: McCracken (PGDP) Agency Interest Number: 3059
 Report for the Months of: July, August, September For the Year of: 2016


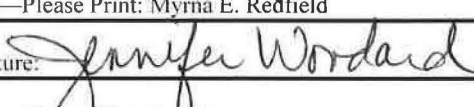
Waste Source (County and State)	Type of Waste			**Waste Used as Alternate Daily Cover as Approved (Tons Only)
	*Municipal Solid Waste (Tons Only)	*Industrial Waste (Tons Only)	*Special Waste (Tons Only)	
Paducah Gaseous Diffusion Plant (July)	0.00	3.81	0.00	0.00
Paducah Gaseous Diffusion Plant (August)	0.00	231.08	0.00	0.00
Paducah Gaseous Diffusion Plant (September)	0.00	131.73	0.00	0.00
Total for this page	0.00	366.62	0.00	0.00
Grand Total of all pages	0.00	366.62	0.00	0.00

*Grand Total of Municipal, Industrial, and Special from all pages 366.62

*Does not include waste used as Alternate Daily Cover.

**Indicate the amount used as Alternate Daily Cover. Please note this requires prior approval by the Cabinet.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for such violations.

Signature:  Phone Number (270) 441-5113
 Name—Please Print: Myrna E. Redfield Date: 10/13/16
 Signature:  Phone Number (270) 441-6800
 Name—Please Print: Jennifer Woodard Date: 10/13/16

This Certification clause shall be signed by the responsible person(s) described in 401 KAR 47:160, Section 6(1), and/or (2) and is required by 401 KAR 47:160, Section 6(4).

THIS PAGE INTENTIONALLY LEFT BLANK

COVER LOG

THIS PAGE INTENTIONALLY LEFT BLANK

JULY, AUGUST, SEPTEMBER 2016

THIS PAGE INTENTIONALLY LEFT BLANK

COVER LOG

DEPARTMENT OF ENERGY
 COUNTY: McCracken

PERMIT NUMBER: 073-00045
 Month & Year: July 2016

Day of Month	Daily Cell Location	Daily Cover Applied?	Interim Cover	Long Term Cover	Final Cap	Temporary Diversion Ditch Yes/No
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13	D-7	NO	YES	YES	NO	YES
14	D-6	NO	YES	NO	NO	YES
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25	D-6	YES	YES	NO	NO	YES
26						
27						
28						
29						
30						
31						

COVER LOG

DEPARTMENT OF ENERGY
COUNTY: McCracken

PERMIT NUMBER: 073-00045
Month & Year: August 2016

Day of Month	Daily Cell Location	Daily Cover Applied?	Interim Cover	Long Term Cover	Final Cap	Temporary Diversion Ditch Yes/No
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	D-6	YES	YES	NO	NO	YES
11	D-6	YES	YES	NO	NO	YES
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22	D-5	YES	YES	NO	NO	YES
23	D-5 & D-6	YES	YES	NO	NO	YES
24						
25						
26						
27						
28						
29						
30						
31	D-5 & C-5	YES	YES	NO	NO	YES

COVER LOG

DEPARTMENT OF ENERGY
 COUNTY: McCracken

PERMIT NUMBER: 073-00045
 Month & Year: September 2016

Day of Month	Daily Cell Location	Daily Cover Applied?	Interim Cover	Long Term Cover	Final Cap	Temporary Diversion Ditch Yes/No
1	C-5	YES	YES	NO	NO	YES
2						
3						
4						
5						
6						
7						
8	C-5	YES	YES	NO	NO	YES
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22	D-5	YES	YES	NO	NO	YES
23						
24						
25						
26	D-5	YES	YES	NO	NO	YES
27						
28						
29						
30						
31						

THIS PAGE INTENTIONALLY LEFT BLANK

LEACHATE LOG

THIS PAGE INTENTIONALLY LEFT BLANK

Month July Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
07-05-16	1,2,3,4,5	F-001		500		
07-05-16	1,2,3,4,5	F-002		14000	7800	L
07-05-16	1,2,3,4,5	F-007		1500		
07-05-16	1,2,3,4,5	F-008		1500		
07-05-16	1,2,3,4,5	F-009		500		
07-06-16	1,2,3,4,5	F-001		500		
07-06-16	1,2,3,4,5	F-002		9700		
07-06-16	1,2,3,4,5	F-007		1500		
07-06-16	1,2,3,4,5	F-008		1500		
07-06-16	1,2,3,4,5	F-009		500		
07-07-16	1,2,3,4,5	F-001		500		
07-07-16	1,2,3,4,5	F-002		14200		
07-07-16	1,2,3,4,5	F-007		1500		
07-07-16	1,2,3,4,5	F-008		1500		
07-07-16	1,2,3,4,5	F-009		500		
07-11-16	1,2,3,4,5	F-001		500		
07-11-16	1,2,3,4,5	F-002		28200	8400	L
07-11-16	1,2,3,4,5	F-007		1500		
07-11-16	1,2,3,4,5	F-008		1500		
07-11-16	1,2,3,4,5	F-009		500		
07-12-16	1,2,3,4,5	F-001		500		
07-12-16	1,2,3,4,5	F-002		19800	9000	L
07-12-16	1,2,3,4,5	F-007		1500		
07-12-16	1,2,3,4,5	F-008		1500		
07-12-16	1,2,3,4,5	F-009		3000		
07-13-16	1,2,3,4,5	F-001		500		
07-13-16	1,2,3,4,5	F-002		10800	8200	L

Month July Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
07-13-16	1,2,3,4,5	F-007		1500		
07-13-16	1,2,3,4,5	F-008		1500		
07-13-16	1,2,3,4,5	F-009		6000		
07-14-16	1,2,3,4,5	F-001		500		
07-14-16	1,2,3,4,5	F-002		2600	2100	L
07-14-16	1,2,3,4,5	F-007		1500		
07-14-16	1,2,3,4,5	F-008		1500		
07-14-16	1,2,3,4,5	F-009		8800	3900	L
07-18-16	1,2,3,4,5	F-001		500		
07-18-16	1,2,3,4,5	F-002		8700		
07-18-16	1,2,3,4,5	F-007		1500		
07-18-16	1,2,3,4,5	F-008		1500		
07-18-16	1,2,3,4,5	F-009		4900	4300	L
07-19-16	1,2,3,4,5	F-001		500		
07-19-16	1,2,3,4,5	F-002		11200	3600	L
07-19-16	1,2,3,4,5	F-007		1500		
07-19-16	1,2,3,4,5	F-008		1500		
07-19-16	1,2,3,4,5	F-009		600		
07-20-16	1,2,3,4,5	F-001		500		
07-20-16	1,2,3,4,5	F-002		7600	7100	L
07-20-16	1,2,3,4,5	F-007		1500		
07-20-16	1,2,3,4,5	F-008		1500		
07-20-16	1,2,3,4,5	F-009		3000		
07-21-16	1,2,3,4,5	F-001		500		
07-21-16	1,2,3,4,5	F-002		500		
07-21-16	1,2,3,4,5	F-007		1500		
07-21-16	1,2,3,4,5	F-008		1500		

Month AugustYear 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
08-01-16	1,2,3,4,5	F-001		500		
08-01-16	1,2,3,4,5	F-002		5800	5300	L
08-01-16	1,2,3,4,5	F-007		1500		
08-01-16	1,2,3,4,5	F-008		1500		
08-01-16	1,2,3,4,5	F-009		500		
08-02-16	1,2,3,4,5	F-001		500		
08-02-16	1,2,3,4,5	F-002		500		
08-02-16	1,2,3,4,5	F-007		1500		
08-02-16	1,2,3,4,5	F-008		1500		
08-02-16	1,2,3,4,5	F-009		2300		
08-03-16	1,2,3,4,5	F-001		500		
08-03-16	1,2,3,4,5	F-002		500		
08-03-16	1,2,3,4,5	F-007		1500		
08-03-16	1,2,3,4,5	F-008		1500		
08-03-16	1,2,3,4,5	F-009		4100		
08-04-16	1,2,3,4,5	F-001		500		
08-04-16	1,2,3,4,5	F-002		2100		
08-04-16	1,2,3,4,5	F-007		1500		
08-04-16	1,2,3,4,5	F-008		1500		
08-04-16	1,2,3,4,5	F-009		4300	3800	L
08-08-16	1,2,3,4,5	F-001		500		
08-08-16	1,2,3,4,5	F-002		4100		
08-08-16	1,2,3,4,5	F-007		1500		
08-08-16	1,2,3,4,5	F-008		1500		
08-08-16	1,2,3,4,5	F-009		500		
08-09-16	1,2,3,4,5	F-001		500		
08-09-16	1,2,3,4,5	F-002		22300		

Month AugustYear 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
08-09-16	1,2,3,4,5	F-007		1500		
08-09-16	1,2,3,4,5	F-008		1500		
08-09-16	1,2,3,4,5	F-009		500		
08-10-16	1,2,3,4,5	F-001		500		
08-10-16	1,2,3,4,5	F-002		24200	3300	L
08-10-16	1,2,3,4,5	F-007		1500		
08-10-16	1,2,3,4,5	F-008		1500		
08-10-16	1,2,3,4,5	F-009		500		
08-11-16	1,2,3,4,5	F-001		500		
08-11-16	1,2,3,4,5	F-002		20900	4700	L
08-11-16	1,2,3,4,5	F-007		1500		
08-11-16	1,2,3,4,5	F-008		1500		
08-11-16	1,2,3,4,5	F-009		1500		
08-15-16	1,2,3,4,5	F-001		500		
08-15-16	1,2,3,4,5	F-002		21800	7600	L
08-15-16	1,2,3,4,5	F-007		1500		
08-15-16	1,2,3,4,5	F-008		1500		
08-15-16	1,2,3,4,5	F-009		2100		
08-16-16	1,2,3,4,5	F-001		500		
08-16-16	1,2,3,4,5	F-002		15900	7800	L
08-16-16	1,2,3,4,5	F-007		1500		
08-16-16	1,2,3,4,5	F-008		1500		
08-16-16	1,2,3,4,5	F-009		3000		
08-17-16	1,2,3,4,5	F-001		500		
08-17-16	1,2,3,4,5	F-002		16700	4000	L
08-17-16	1,2,3,4,5	F-007		1500		
08-17-16	1,2,3,4,5	F-008		1500		

Month AugustYear 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
08-17-16	1,2,3,4,5	F-009		4500	4000	L
08-18-16	1,2,3,4,5	F-001		13700		
08-18-16	1,2,3,4,5	F-002		31300	10500	L
08-18-16	1,2,3,4,5	F-007		1500		
08-18-16	1,2,3,4,5	F-008		1500		
08-18-16	1,2,3,4,5	F-009		500		
08-22-16	1,2,3,4,5	F-001		23400		
08-22-16	1,2,3,4,5	F-002		30400	10200	L
08-22-16	1,2,3,4,5	F-007		1500		
08-22-16	1,2,3,4,5	F-008		1500		
08-22-16	1,2,3,4,5	F-009		500		
08-23-16	1,2,3,4,5	F-001		27100		
08-23-16	1,2,3,4,5	F-002		20200	9400	L
08-23-16	1,2,3,4,5	F-007		1500		
08-23-16	1,2,3,4,5	F-008		1500		
08-23-16	1,2,3,4,5	F-009		4000		
08-24-16	1,2,3,4,5	F-001		27100		
08-24-16	1,2,3,4,5	F-002		12200	11700	L
08-24-16	1,2,3,4,5	F-007		1500		
08-24-16	1,2,3,4,5	F-008		1500		
08-24-16	1,2,3,4,5	F-009		4300		
08-25-16	1,2,3,4,5	F-001		27100	8800	L
08-25-16	1,2,3,4,5	F-002		2900		
08-25-16	1,2,3,4,5	F-007		1500		
08-25-16	1,2,3,4,5	F-008		1500		
08-25-16	1,2,3,4,5	F-009		6000		
08-29-16	1,2,3,4,5	F-001		18300	7700	L

Month SeptemberYear 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
09-01-16	1,2,3,4,5	F-001		500		
09-01-16	1,2,3,4,5	F-002		17900	7000	L
09-01-16	1,2,3,4,5	F-007		1500		
09-01-16	1,2,3,4,5	F-008		1500		
09-01-16	1,2,3,4,5	F-009		500		
09-06-16	1,2,3,4,5	F-001		9100		
09-06-16	1,2,3,4,5	F-002		10900	7300	L
09-06-16	1,2,3,4,5	F-007		1500		
09-06-16	1,2,3,4,5	F-008		1500		
09-06-16	1,2,3,4,5	F-009		500		
09-07-16	1,2,3,4,5	F-001		10600	4400	L
09-07-16	1,2,3,4,5	F-002		3600	3100	L
09-07-16	1,2,3,4,5	F-007		1500		
09-07-16	1,2,3,4,5	F-008		1500		
09-07-16	1,2,3,4,5	F-009		500		
09-08-16	1,2,3,4,5	F-001		6200	5700	L
09-08-16	1,2,3,4,5	F-002		1900		
09-08-16	1,2,3,4,5	F-007		1500		
09-08-16	1,2,3,4,5	F-008		1500		
09-08-16	1,2,3,4,5	F-009		500		
09-12-16	1,2,3,4,5	F-001		500		
09-12-16	1,2,3,4,5	F-002		7900	7400	L
09-12-16	1,2,3,4,5	F-007		1500		
09-12-16	1,2,3,4,5	F-008		1500		
09-12-16	1,2,3,4,5	F-009		500		
09-13-16	1,2,3,4,5	F-001		1900	1400	L
09-13-16	1,2,3,4,5	F-002		500		

Month SeptemberYear 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
09-13-16	1,2,3,4,5	F-007		1500		
09-13-16	1,2,3,4,5	F-008		1500		
09-13-16	1,2,3,4,5	F-009		500		
09-14-16	1,2,3,4,5	F-001		500		
09-14-16	1,2,3,4,5	F-002		500		
09-14-16	1,2,3,4,5	F-007		1500		
09-14-16	1,2,3,4,5	F-008		1500		
09-14-16	1,2,3,4,5	F-009		1700	1200	L
09-15-16	1,2,3,4,5	F-001		1900		
09-15-16	1,2,3,4,5	F-002		500		
09-15-16	1,2,3,4,5	F-007		1500		
09-15-16	1,2,3,4,5	F-008		1500		
09-15-16	1,2,3,4,5	F-009		500		
09-19-16	1,2,3,4,5	F-001		6300	5800	L
09-19-16	1,2,3,4,5	F-002		500		
09-19-16	1,2,3,4,5	F-007		1500		
09-19-16	1,2,3,4,5	F-008		1500		
09-19-16	1,2,3,4,5	F-009		500		
09-20-16	1,2,3,4,5	F-001		500		
09-20-16	1,2,3,4,5	F-002		1700		
09-20-16	1,2,3,4,5	F-007		1500		
09-20-16	1,2,3,4,5	F-008		1500		
09-20-16	1,2,3,4,5	F-009		500		
09-21-16	1,2,3,4,5	F-001		500		
09-21-16	1,2,3,4,5	F-002		3700		
09-21-16	1,2,3,4,5	F-007		1500		
09-21-16	1,2,3,4,5	F-008		1500		

THIS PAGE INTENTIONALLY LEFT BLANK