










1. Incident Name Pike County Floods – ESF 10 KYDEP/EPA	2. Operational Period (Date / Time) From: 07/23/2010 0700 To: 07/23/2010 1800	ESF 10 Operational Plan – Cover Sheet
3. Approved by Incident Commander(s): 		
<div style="text-align: center;"> <h2>Pike County Floods – ESF 10 KYDEP and EPA Response</h2> <h3>July 23, 2010</h3> <h2>ESF 10 OPERATIONAL PERIOD PLAN</h2> <p>The items below are included in this Operational Period Plan:</p> <p>ICS Forms</p> <ul style="list-style-type: none"> <input type="checkbox"/> ICS 202 (Incident Objectives) <input type="checkbox"/> ICS 204 (Assignment List) <input type="checkbox"/> ICS 205 A (Contact Numbers) <input type="checkbox"/> ICS 206 Medical Plan <input type="checkbox"/> ICS 207 (Organization Chart) <input type="checkbox"/> ICS 230 (Daily Meeting Schedule) </div>		
		
4. Prepared By: Alyssa Hughes, EPA OSC	Date/Time 07/22/2010 2300	

1. Incident Name		2. Operational Period (Date / Time)		INCIDENT OBJECTIVES ICS 202 - EPA	
Pike County Floods – KYDEP/EPA		From: 07/23/2010 0700 To: 07/23/2010 1800			
3. Incident Objective(s)					
A. Complete assessments of hazardous material threats in the community B. Coordinate response efforts with participating local/state/federal agencies C. Promptly remove hazardous material threats D. Conduct removals in a manner that also supports state and local goals of solid waste & debris removal E. Determine the scope and resources needed for next operational period by 1400hrs of the current operational period F. Keep workers and public safe					
4. Weather Forecast for Operational Period.					
Daily Details for Pikeville, KY [English Metric]					
<div style="text-align: right;"> <div style="border: 1px solid black; padding: 2px; display: inline-block;">Fri, Jul 23</div> </div>					
Hourly Forecast more details					
6 am	9 am	12 pm	3 pm	6 pm	9 pm
 75.0°	 80.0°	 89.0°	 94.0°	 92.0°	 86.0°
Feels Like 75.0°	Feels Like 86.0°	Feels Like 99.0°	Feels Like 105.0°	Feels Like 102.0°	Feels Like 95.0°
Day			Night		
 High 96.0° Isolated T-Storms Precip 30%			 Overnight Low 76.0° Partly Cloudy Precip 20%		
Wind: From WSW at 3.0 Max. Humidity: 67% UV Index: 10 Very High			Wind: From SW at 1.0 Max. Humidity: 77%		
Sunrise: 6:27 AM ET Avg. High: 90.0° Record High: 100.0° (1930)			Sunset: 8:46 PM ET Avg. Low: 66.0° Record Low: 49.0° (1947)		
Last Updated Thursday, Jul 22, 1:13 PM Eastern Daylight Time					
5. Safety Objectives for Operational Period					
a. Avoid heat stress with hydration and rest b. Wear safety vest at all times near traffic c. Beware of unstable conditions d. Call for air monitoring support near unknowns e. Be extremely cautious of Pike County Road Department highway dump trucks					
<input type="checkbox"/> Approved Site Safety Plan Located at: CMC Staging Area					
6. Prepared by:				Date/Time	
Alyssa Hughes, EPA OSC				07/22/2010 2300	
7. Approved by:				Date/Time	
By UC in morning briefing				07/23/2010 0700	

1. Incident Name		2. Operational Period (Date / Time)		ASSIGNMENT LIST ICS 204 - EPA	
Pike County Floods – KYDEP/EPA		From: 07/23/2010 0700 To: 07/23/2010 1800			
3. Branch		4. Division/Group/Staging			
Assessment Branch					
5. Operations Personnel					
	Name	Affiliation	Contact # (s)		
Assessment Branch Lead	K. Francis	KYDEP	606-216-0447		
Removal Branch Lead	A. Hughes	EPA	404-229-9530		
6. Resources Assigned “X” indicates 204a attachment with additional instructions					
Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Alpha Team	Demobilized				
Bravo Team	Demobilized				
Charlie Team	J. Coruthers	615-337-7792	1	Log data with Trimble and Photos and Spraypaint	
7. Work Assignments					
CHARLIE TEAM: (1) Accompany team FOXTROT to areas in the vicinity of Johns Creek Church that may not have been fully assessed. Capture items using the DRAG. (2) Perform final sweep in areas of greatest impact to grant clearance.					
8. Special Instructions					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name/Function	Radio: Freq./System/Channel	Phone		Cell/Pager	
Emergency Communications: 911					
10. Prepared by Alyssa Hughes Date/Time 7/22/2010 2300		11. Reviewed by Matthew Huyser Date/Time 7/23/2010 0530		12. Reviewed by UC Briefing Date/Time 7/23/2010 0700	
ASSIGNMENT LIST			ICS 204 - EPA (Rev 08/08)		

1. Incident Name		2. Operational Period (Date / Time)		ASSIGNMENT LIST ICS 204 - EPA	
Pike County Floods – KYDEP/EPA		From: 07/23/2010 0700 To: 07/23/2010 1800			
3. Branch		4. Division/Group/Staging			
Removal Branch					
5. Operations Personnel					
	Name	Affiliation	Contact # (s)		
Removal Branch Lead	A. Hughes	EPA	404-229-9530		
Assessment Branch Lead	K. Francis	KYDEP	606-216-0447		
6. Resources Assigned “X” indicates 204a attachment with additional instructions					
Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks▼	
Team Delta Staging & Disposal Team	ERRS		2		
Recovery Team Echo (4WD Mule w/ Trailer)	ERRS		2	Contact Team Foxtrot to transport items to staging area	
Recovery Team Foxtrot (Wheel Loader, Track Hoe, Gooseneck Trailer)	ERRS		2	Call for traffic control backup where needed	
7. Work Assignments					
<p>- TEAM DELTA: STAGING&DISPOSAL: (1)begin preparation for bulking and solidification of wastes for treatment/disposal, (2)determine which waste streams will need to be sampled, (3)transport drum overpacks or other small equipment needs to recovery teams</p> <p>- TEAM ECHO: (1) Collect the 2 items (PCF-DT-011 and 012) from Raccoon 4 map (2) Collect contaminated soil and spilled material from PCF-DT-013, (3) continue removing containers from impacted areas that may not have been properly assessed, (3) collect contaminated soil and spilled material from large tank removal operations, (4) if a container cannot be removed and needs larger equipment, or if a drum overpack is needed, contact Removal Branch Lead A. Hughes; (5) contact Team Foxtrot to arrange pickup of collected items</p> <p>- TEAM FOXTROT: (1) Accompany TEAM CHARLIE to Johns Creek Church area and recover any items identified, (2) Upon arrival of track hoe remove large containers assessed on 7/22/2010 by A. Hughes at the confluence of Raccoon Creek and Thompson Branch; (3)support pickup of collected items from TEAM ECHO</p>					
8. Special Instructions					
All teams should carry a small amount of spill containment equipment (pads), towing ropes or chains, and shovels. If possible, determine whether there is material/product inside the container and whether it has spilled or is leaking (call for an overpack if needed). If the container cannot be safely moved, call for assistance. Work AHEAD of road reconstruction crews. Conduct operations in a manner that minimizes traffic obstructions, and use flagmen to warn traffic when obstructions are necessary.					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager		
Emergency Communications:					
10. Prepared by (PSC) Date/Time Alyssa Hughes 7/22/2010 2300		11. Reviewed by (PSC) Date/Time Matthew Huyser 7/23/2010 0530		12. Reviewed by (OPS) Date/Time UC Briefing 7/23/2010 0700	
ASSIGNMENT LIST				ICS 204 - EPA (Rev 08/08)	

1. Incident Name		2. Operational Period (Date / Time)		COMMUNICATIONS PLAN ICS 205a - EPA
Pike County Floods – KYDEP/EPA		From: 07/23/2010 0700 To: 07/23/2010 1800		
3. Communication Contact List				
NAME	POSITION	PHONE NUMBER	AGENCY / AFFILIATION	EMAIL ADDRESS
Robert Francis	*Demobilized*	502-382-6353	KYDEP	
Kevin Francis	ESF10/Assessment	606-216-0447	KYDEP	
Paul Rodgers	*Demobilized* Alpha Team	606-634-9899	KYDEP	
Damon White	*Demobilized* Alpha Team	606-424-9215	KYDEP	
Robert Stidhim	*Demobilized* Bravo Team	606-216-0303	KYDEP	
James Coruthers	Charlie Team	615-337-7792	START	
Matthew Huyser	*Demobilized*	678-427-8829	EPA	
Alyssa Hughes	ESF10/Operations	404-229-9530	EPA	
Dale Von Busch	Planning	502-777-7667	START	
Donald Anderson	Disposal/Staging	859-351-5277	ERRS	
Doug Tackett	Emergency Management Director	606-437-4126 606-422-7989 cell	Pike County	
Jerry McNamee	Landfill Manager	606-631-4629 606-213-5806 cell	Pike County	
Mike Lyons	Dep. Commissioner of Solid Waste	606-432-6245 office	Pike County	
4. Prepared by: (Planning Section Chief)				Date/Time
Alyssa Hughes, EPA OSC				07/22/2010 2300
INCIDENT COMMUNICATIONS PLAN				ICS 205a - EPA (Rev 9/08)

1. Incident Name		2. Operational Period		Date / Time		MEDICAL PLAN ICS 206 - EPA			
Pike County Floods – KYDEP/EPA		From: 07/23/2010		0700					
		To: 07/23/2010		1800					
2. Hospitals									
Name	Address	Travel Time		Phone	Helipad		Burn Center		
		Air	Ground		Yes	No	Yes	No	
Pikeville Medical Center	911 South Bypass Road, Pikeville, KY, 41501	10	30	606-218-3500					
3. Medical Emergency Procedures									
Report all injuries to Operations Section Chief immediately.									
Minor injuries – render first aid at the scene and transport to medical facility									
Major injuries – call 911 for transport									
7. Prepared by:		Date / Time		8. Reviewed by:		Date / Time			
Alyssa Hughes		7/21/2010 1530		UC Briefing		7/21/2010 0800			
MEDICAL PLAN						ICS 206 - EPA (Rev 08/08)			

1. Incident Name		2. Operational Period (Date / Time)		DAILY MEETING SCHEDULE ICS 230 - EPA
Pike County Floods – KYDEP/EPA		From: 07/22/2010 0800 To: 07/22/2010 1800		
3. Meeting Schedule (Commonly-held meetings are included)				
Date/ Time	Meeting Name	Purpose	Attendees	Location
7/22/10 0700	Operations Briefing	Morning brief on activities for operational period	(all) KYDEP, EPA, ERRS, START	Staging Area 625 Ford Mountain Road Varney, KY 41571
7/22/10 1600	Objectives Meeting	Afternoon/Evening operational debriefing	(all) KYDEP, EPA, ERRS, START	Staging Area 625 Ford Mountain Road Varney, KY 41571
4. Special and Other Meetings				
5. Prepared by: (Planning Section Chief)				Date/Time
Alyssa Hughes, EPA OSC				07/22/2010 2300
DAILY MEETING SCHEDULE 230 EPA (Rev 08/08)				ICS

DRUMS/TOTES

ID	Open	Street_No_	City	Describe_T	General_De	No__Small_	30_55_gal_	55_gal_Dr	1000_gal_t	Owner_Info	Comment_1	GPS_Date	Datafile	Latitude	Longitude
PCF-DT-001	Closed	3768 zebulon hwy	pikeville	poly tank 500 gal		0	0	0	0			7/20/2010	CHARLIE20100720.SSF	37.521381424	-82.473045179
PCF-DT-002	Open	highway 1426	pike	low	kerosene	1	0	0	0			7/20/2010	CHARLIE20100720.SSF	37.540174732	-82.467189035
PCF-DT-003	Closed	hwy 1426	pike	propane 20 lb		0	0	0	0			7/20/2010	CHARLIE20100720.SSF	37.540615169	-82.467753950
PCF-DT-004	Closed	hwy 1426	pike	35 gal drum \ 3-5 gal bucket		0	0	0	0			7/20/2010	CHARLIE20100720.SSF	37.541434453	-82.468139345
PCF-DT-005	Closed	hwy 1426	pike	2--55 gal drums leaking		1	20	0	0			7/20/2010	CHARLIE20100720.SSF	37.542244774	-82.467807931
PCF-DT-006	Closed	hwy 1426	pike	55 gal drum	10w40 motor oil	0	0	0	0			7/20/2010	CHARLIE20100720.SSF	37.546247564	-82.465059195
PCF-DT-007	Closed	Mouth of Burning fork	Zebulon	5 gallon gas can		1	0	0	0			7/20/2010	ALPHA20100720.SSF	37.511823100	-82.472928978
PCF-DT-008	Open	Johns Creek	Zebulon	55 gallon drum in drift		0	1	0	0		hung in drift midstream	7/20/2010	ALPHA20100720.SSF	37.583356556	-82.486006871
PCF-DT-009	Closed	757	Harless Ck. Rd.	55 gall. drum	55 gall. drum	0	1	0	0			7/20/2010	BRAVO20100720.SSF	37.372347018	-82.399934203
PCF-DT-010	Open	Johns Creek	Zebulon	3 55 gallon drums		0	2	3	0		2-full, 1-empty	7/21/2010	ALPHA20100720.SSF	37.570770079	-82.475877936
PCF-DT-011		5678 racoon rd	pike	2-5 gal oil \ kerosene		2	0	0	0			7/21/2010	CHARLIE20100721.SSF	37.475313520	-82.420100025
PCF-DT-012	Closed	2219 I pompay rd	pike	tanks	5 tanks	0	5	0	0			7/21/2010	CHARLIE20100721.SSF	37.444406941	-82.427710503
PCF-DT-013	Open	racoon creek	zebulon	large tank		0	0	0	1	James West? 606.509.0154	Cont. Dirt Needs Pickup	7/21/2010	ALPHA20100721.SSF	37.516294037	-82.452384030
PCF-DT-014	Closed	racoon creek	zebulon	55 gallon drum and large lp tank		0	1	0	1		hung in drift	7/21/2010	ALPHA20100721.SSF	37.534461589	-82.462862051
PCF-DT-015	Closed	racoon creek	zebulon	55 gallon drum and small lp tank		0	1	0	0		hung in drift	7/21/2010	ALPHA20100721.SSF	37.530825526	-82.457454414
PCF-DT-016	Closed	racoon creek	zebulon	3 5 gallon gas cans & small lp gas		4	0	0	0		hung in drift on bridge	7/21/2010	ALPHA20100721.SSF	37.534944698	-82.464287566
PCF-DT-017	Closed	Harless Creek	Marrowbone	55-Gallon Drum and Television		0	1	0	0			18991230	NA		

COMPRESSED GAS

ID	Open	Street_No_	City	Describe_T	General_De	BBQ_Grill_	Accessible	Contents_	GPS_Date	Datafile	Latitude	Longitude
PCF-CG-001	Not Found	hwy 1426	pike	2 gas cvlinders	2 comp gas cylinders	0	Unrestricted	Unknown	7/20/2010	CHARLIE20100720.SSF	37.539953846	-82.467258927
PCF-CG-002	Closed	Racoon creek	Zebulon	lp gas	attatched to grill in yard	20	Unrestricted	Propane	7/21/2010	ALPHA20100721.SSF	37.526303855	-82.458863659
PCF-CG-003	Closed	Racoon creek	Zebulon	lp gas	attatched to grill in yard	20	Unrestricted	Propane	7/21/2010	ALPHA20100721.SSF	37.525363018	-82.457627403
PCF-CG-004	Closed	Racoon creek	Zebulon	lp gas	in drift on rr bridge	20	Unrestricted	Propane	7/21/2010	ALPHA20100721.SSF	37.515889776	-82.451620595
PCF-CG-005	Closed	282 Harless Creek	Marrowbone	lp gas	large home tank	0			7/21/2010			
PCF-CG-006	Closed	358 Harless Creek	Marrowbone	Acetylene	in creek, partially submerged	0		Acetylene	7/21/2010			