

SCAT for Inland Oil Spills Team Member Course Curriculum
St. Louis, MO
May 15- 17, 2018

TT – Team Training on tasks needed to participate on a SCAT team

GK – General Knowledge that is useful for participating on a SCAT team

DAY 1: May 15, 2018

Location: Robert A. Young Federal Building, 1222 Spruce St., ST Louis, MO

7th Floor Conference Room <https://goo.gl/maps/7epigPM2CpC2>

0800-0815	Welcome and coffee- Student registration		
0815-0820	Safety Brief	Dana Schmitt, USCG	
0820-0830	Welcome and Review Agenda	Adam Davis NOAA	
0830 – 0900	1. Introductions and Objectives of SCAT for Inland Oil Spills Team Member Training	Adam Davis	
0900 – 0945	2a. SCAT Process Part 1a: SCAT Role within ICS; Activities, - How to scale SCAT, assessment and initial actions- TT	Adam Dais	Posters, topo maps, Job aids
0945 - 1000	BREAK		
1000 – 1045	3a. Introduction to Inland Water Habitats (rivers, marshes, and lakes) and how water moves through them. - GK	Adam Davis	
1045 - 1130	4a. Spilled Oil Fate and Behavior; activity using adios – GK (open water vs. contained)	Adam Davis	Laptops with adios
1130-1230	LUNCH		
1230 – 1315	4b. Environmental sensitivity designations and implications; activity using ESI, RSI, ISA, and IPaC – GK	Dave Mosby, USFWS	
1315 - 1430	5a. SCAT Process Part 1b: Forms and Terminology –present SOS forms - TT	Adam Davis	
1430 - 1440	BREAK Provide briefing for Field Trips Day 2 and 3.		
1440-1630	ACTIVITY #1: Practice filling out SCAT Form, EPA app orientation Walk along MS Greenway (St Louis arch riverfront) Discuss shoreline setting, conditions, shoreline types, cleanup options, constraints, etc. Students complete simple field sketch and SOS form/app	Joe Davis and contractors	SCAT forms EPA app?

DAY 2: May 16, 2018**NEW!! Location:****Morning- Mel Price Lock and Dam (tour) and Great Rivers Museum**

0800-0830	TRAVEL TO ALTON, IL	Instructor	Resources
0830-0930	Mel Price Lock and Dam and Great Rivers Museum National Great Rivers Museum Location: https://goo.gl/maps/ZKmWRdWS9Gt Lock and Dam Way, Alton, IL 62002		
0930 – 1000	6. Shoreline/Habitat Cleanup Methods in Freshwater Environments– GK	Adam	
1000-1015	BREAK		
1015-1045	9. Sensitive receptors and cleanup constraints - GK	Adam	
1045-1130	10a. SCAT Process Part II: Field Data Submittal; SCAT Products; Writing STRs; photo and data collection tips - TT	Adam	
1130-1200	10 b. Case Study- Larger, more complex spill requiring various cleanup techniques (DBL 152)	Adam	
1200-1315	Lunch	Adam	
1315-1345	10c. eSCAT/ EPA App - TT	Joe and Heath with contract support	Ipads/SCAT app
1345-1400	NEW LOCATION!! The Audubon Center at Riverlands 301 Riverlands Way West Alton, MO (636)-899-0090 https://goo.gl/maps/YZ6Y7GsZUCk		
1400-1600	Field Activity Audubon 30 minute tour at Audubon followed by site walk Discuss resources at risk, shoreline setting, conditions, shoreline types, cleanup options, constraints, etc. Students complete SOS form/app		
1600-1630	End day debrief-	ALL	
1700	Happy Hour at The Old Bakery Beer Company: 400 Landmarks Boulevard, Alton, IL 62002 https://goo.gl/maps/ULVvk2VdSSz	ALL WELCOME	

DAY 3 May 17, 2018

!!!NEW!!! Location: MO DNR Office 97 North Outer Rd., Eureka, MO 63025

<https://goo.gl/maps/SeFoKpr9WT12>

0800-0900	TRAVEL TO DAY 3 SITE	Instructor	Resources
0900 – 0930	11. Determining Cleanup Endpoints in Freshwater Environments– GK	Adam	Projector, extension cords, screen
0930 - 0940	BREAK		
0940 – 1040	12a. Alternative countermeasures Behavior and Cleanup of Oil in Marshes – GK	Adam	
1040 - 1045	BREAK		
1045-1130	12b. Case Study-Behavior and Cleanup of Oil in Wetlands/Floodplains – GK	Adam	
1130-1230	Lunch and travel to field site NEW Location: LaBarque Creek and Young Conservation Areas 1 Valley Dr, Pacific, MO 63069 https://goo.gl/maps/iVahaXTBPio		
1300 – 1500	ACTIVITY: Students divided in teams. STATION 1 (Labarque Creek Conservation Area Parking Lot 1 Valley Dr, Pacific, MO 63069 https://goo.gl/maps/iVahaXTBPio): STATION 2 (Glassberg conservation area State Hwy FF, Pacific, MO 63069 https://goo.gl/maps/pj8v9M1mRDo): STATION 3 (Young Conservation Area 3189 State Hwy FF, Eureka, MO 63025 https://goo.gl/maps/FCbHxZZ1sNm): Instructors will provide scenario brief at each location, facilitate discussion on oil behavior, current conditions, Cleanup methods and constraints. ALL TEAMS WILL: Conduct a more complex SCAT assessment at each Station, Take photos, track with GPS, collect waypoints. Conduct Simple Field Sketch, fill out EPA app and SOS. Oiling description, photos and cleanup methods/endpoints.	All instructors	Spill Scenario Ipad with EPA app, SOS forms
1500-1530	Activity debrief-talk about differences in habitat type, constraints, and consider Cleanup methods and endpoints	Adam	Students return to classroom for debrief
1530	Wrap up	Adam	

COURSE POINT OF CONTACTS:

EPA: Joe Davis davis.joe@epa.gov

EPA: Heath Smith 816-718-4277 smith.heath@epa.gov

NOAA: Adam Davis 206-549-7759 adam.davis@noaa.gov

USCG: LT Dana Schmitt 928-242-9453 dana.p.schmitt@uscg.mil

MDNR: Skip Ricketts 314-608-5656 skip.ricketts@dnr.mo.gov

MAP LINK (INCLUDES Field and Classroom Locations):

https://drive.google.com/open?id=1slNw_1wI73OBU--VnEp_SMXMOK-6w6oX&usp=sharing

Student Material Webpage : EPA

https://response.epa.gov/site/doc_list.aspx?site_id=12664

SEE NEXT PAGE FOR PARKING MAP DAY 1



ENTRANCE

\$3.00 Lot

Civic Center

St. Louis City Center

Clark Ave

Clark Ave

Wheelhouse Downtown

Flying Saucer
Draught Emporium

Stadium

Busch Stadium

St. Louis Cardinals

Paddy O's

St. Louis Station

40

40

64

39B

40

64

64

40

40

40A

64

S 14th St

Gratiot St

S Tucker Blvd

Gratiot St

Historic U.S. 66

Plum St

S 8th St

S 9th St

Clark Ave

Clark Ave

Spruce St

Spruce St

Spruce St

S Tucker Blvd

S 11th St

Historic U.S. 66

Plum St