Region	Date(s)	drill	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
EPA OEM	10/2015	Oil ReleaseTableTop Exercise (TTX)	SONS 2016 NRT/RRT TTX	St. Louis, MO		EPA OEM	Bakken crude TTX as part of the annual Co-Chairs meeting
EPA OEM	1st Quarter of 2016	Executive Level TTX	SONS 2016 Executive Level TTX	Washington, DC		EPA OEM	Oil Release
N/A	2012	Graphic/Map			2012 Crude Waybill Flows Map	FRA	
N/A	2012	Waybill			Crude Oil By Rail – 2012 Waybill Sample: Volume of Crude Oil Transported By State		
N/A	2013	Report			A Comparison of the Properties of Diluted Bitumen Crudes with other Oils	POLARIS Applied Sciences, Inc.	
N/A	2014	Report			TSB Canada Railway Investigation Report R13D0054, Lac-Mégantic (Quebec), 6 July 2013	Transportation Safety Board (TSB) of Canada	
N/A	2/2/2014	News Report			Oil Train Derailments Spur Calls For Safety Measures	Kirk Siegler, National Public Radio	http://www.npr.org/2014/02/02/270419666/oil-train-derailments-spur-calls-for-safety-measures
N/A	3/13/2014	Presentation	EPA Inland ACP Workgroup Presentation		PHMSA: Office of Pipeline Safety Emergency Support & Security Division (PHP-5)	Leigha Gooding, PHMSA and Ed Murphy, PHMSA	

N/A	N/A	3/19/2014	Presentation	2014 NRT-RRT Co-Chairs Meeting	Atlanta, GA	Operation Safe Delivery: Enhancing the Safe Transport of Crude Oil and Other Flammable Liquids	Timothy Butters, PHMSA Deputy Administrator
N/A	N/A	4/9/2014	Presentation			Executive Order: Improving Chemical Facility Safety & Security	EPA
N/A	N/A	5/30/2014	Report			Informal Summary of EPA Emergency Planning and Response Efforts on Bakken Crude Oil and Transport	EPA
N/A	N/A	7/1/2014	Report			Crude Oil Rail Emergency Response: Lessons Learned Roundtable Report	PHMSA
N/A	N/A	7/10/2014	Action Plan			Bakken Shale Crude Oil - Preparedness and Mitigation Plan of Action	NSS Interagency Working Group
N/A	N/A	7/11/2014	Briefing	Unclassified Briefing: Association of American Railroads	Arlington, VA	Movement of Bakken Crude Oil By Rail	
N/A	N/A	7/18/2014	Advisory			Increased Use of Railways to Transport Crude Oil May Lead to Acts of Environmental Extremism	Federal Bureau of Investigation

N/A	N/A	7/20/2014	Summary of Conclusions	National Security Council (NSC) Small Group Meeting	Washington, DC	Small Group Meeting on Preparedness and Mitigation Actions Related to Bakken Crude Oil Transportation Risks Summary of Conclusions	National Security Council (NSC)
N/A	N/A	7/22/2014	Presentation			Crude Oil by Rail	Kurt Eichenlaub, Railroad Safety Specialist, FRA Hazmat Division
N/A	N/A	7/23/2014	Report			DOT PHMSA Operation Safe Delivery Update	PHMSA
N/A	N/A	7/23/2014	News Release			U.S. DOT Announces Comprehensive Proposed Rulemaking for the Safe Transportation of Crude Oil, Flammable Materials (DOT 67-14)	DOT Office of Public Affairs
N/A	N/A	7/29/2014	Presentation			Infrastructure Analysis – Bakken Crude Oil Flows by Rail	Brandon Wales, Deputy Director, DHS Office of Cyber and Infrastructure Analysis

N/A	N/A	7/29/2014	Report			Analysis –Bakken Crude Oil Flows by Rail	DHS Office of Cyber and Infrastructure Analysis
N/A	N/A	8/19/2014	News Release			News Release (R13D0054): TSB identifies systemic problems leading to Lac-Mégantic train accident and calls for additional safety defences to improve rail safety	Transportation Safety Board (TSB) of Canada
N/A	N/A	8/19/2014	Letter			Letter to PHMSA regarding amendements to TSB Canada Investigation Report R13D0054, Lac-Mégantic (Quebec), 6 July 2013	Wendy A. Tadros, Chair, Transportation Safety (TSB) Board Canada
N/A	N/A	9/2014	Reference Sheet			Commodity Preparedness and Incident Management Reference Sheet: Petroleum Crude Oil	PHMSA

N/A	N/A	9/16/2014	Presentation	Environment Canada Meeting on U.S. EPA RRT Emerging Crude Oil Issues Conference Call		Diluted Bitumen Studies Initial WC Phase 1 Results	Dr. Carl E. Brown, Emergencies Science and Technology Section, Environment Canada a
N/A	N/A	10/29/2014	Presentation	2014 Fall Region 5 RRT Meeting	Lansing, MI	Enbridge Oil Spill	EPA/Michigan DEQ
N/A	N/A	11/13/2014	Matrix			Draft Matrix - Status of Bakken Oil In ACPs	EPA
N/A	N/A	11/20/2014	Fact Sheet/Pamphlet			Rising Crude Transportation by Rail Factsheet and Bakken Crude Oil Factsheet	
N/A	N/A	12/3/2014	Graphic/Map			Crude Oil by Rail	Wall Street Journal
N/A	N/A	3/4/2015	News Report			West Virginia Derailment Raises Concerns About Volatility Of Bakken Oil	National Public Radio (NPR.org)
N/A	N/A	3/5/2015	BNA Report			Hazmat Transport	Rep. Schumer, NY
N/A	N/A	3/10/2015	Meeting		EPA Region 9, Martinez, CA	Rail Safety Roundtable	Govt & State Planned

N/A	N/A	4/2015	Fact Sheet/Pamphlet			Training Trigger: Crude Oil Rail Shipments	The Interagency Board
N/A	N/A	4/6/2015	Report			Analysis –Hazardous Liquid Pipeline and Rail Incidents (1985-2014)	DHS OFFICE OF CYBER AND INFRASTRUCTURE ANALYSIS
N/A	N/A	4/15/2015	Report			Preparedness Initiatives in Crude by Rail Transport	FEMA, DHS & DOT
N/A	N/A	4/15/2015	2014 Executive Seminar Participant Manual			Rising Crude Transportation by Rail Factsheet	
N/A	N/A		Presentation			Bakken Crude Oil Spill Response From July 6, 2013 Train Incident, Lac Megantic, Quebec	ECRC
N/A	N/A		Presentation			Submerged Oil Recovery Techniques in Fresh Water: Case Study - Lake Wabamum	Andy Erjavec, ECRC
N/A	N/A		Presentation			ORSANCO's Role in Source Water Protection, Emergency Response and the Protection of Drinking Water Utilities	Jerry G. Schulte, Source Water Protection and Emergency Response, Ohio River Valley Water Sanitation Commission

N/A	N/A		Report			Lac-Mégantic Runaway Train and Derailment Investigation Summary	Transportation Safety Board (TSB) of Canada
N/A	N/A		Matrix			Oil by Rail State Legislation Introduced in 2013 and 2014	
N/A	N/A		Presentation			Hurricane Sandy Pollution Response	Eric Doucette, Commander USCG
Region 8	Region 8	10/14/2014	GIUE	Musket Corp, Dore	Dore, ND		S. Merritt
Region 1	Region 1	8/11/2014	Meeting Notes	Crude Oil Transport in Northeastern US	Cambridge, MA	Crude Oil Transport in Northeastern US Meeting Notes and Action Items	
Region 1	Region 1	7/25/2015	Congressional Inquiry	Bakken trains along Lake Champlain	Albany, NY	Conference call with congressional liaisons	

Region 1	Region 1	5/19/2015-5/30/2015	Training and Exercise	Railcar Bakken crude oil release training for first responders.	Maine		Maine Environmental Management Agency (MEMA)
Region 10	Region 10	2014	Guidance			Establishing A Shoreline Assessment Program	NW Area Committee SCAT Task Force
Region 10	Region 10	2014	Exercise	WA and OR Governor initiated expert-panels in and exercises on evaluating risks posed by increased Bakken Oil-by-rail traffic			

Region 10	Region 10	2014	Area Contingency Plan			Northwest Area Contingency Plan Updates	
Region 10	Region 10	2014	Training/Outreach	Outreach and training events throughout Washington and Oregon to assist local responders			
Region 10	Region 10	2015	Consultation	Endangered Species Act, Section 7 consultation on the NW Area Contingency Plan with a focus on inland Bakken Oil spill geographic areas			
Region 10	Region 10	2015	Exercise	Inland SONs exercise with state, federal and tribal partners along Columbia River corridor, involving Bakken Oil spill			
Region 10	Region 10	2015	Training	EPA Region 10 hosting two fast water booming courses for inland spill situations			
Region 10	Region 10	5/28/2014	OSC Presentation	RRT 10/Northwest Area Committee Meeting	Boise, ID	Crude Oil and Response Considerations	Richard Franklin, EPA R10

Region 10	Region 10	6/19/2014	Letter			Letter to DOT, Burlington Northern Santa Fe Railway Company and Union Pacific Corporation Requesting Disclosure of All Bakken Crude Oil Shipments by Rail through Washington State Communities	Kevin Ranker, Washington State Senator and Christing Rolfes, Washington State Senator
Region 10	Region 10	12/8/2014	Data/Graphs			ADIOS2 Model data and graphs run for Bakken	NOAA
Region 10	Region 10	12/15/2014	E-mail			E-mail transmitting ADIOS2 Model data and graphs run for Bakken crude oil from the Columbia Pacific Bio-Refinery terminal	Richard Franklin, EPA R10
Region 10	Region 10	2/2015	Fact Sheet/Pamphlet			Bakken Crude Oil Pamphlet	NW Area Committee
Region 10	Region 10	4/2015	Exercise	Incident Management for Executives Table Top Exercise on Bakken Oil Spill to Columbia River			
Region 2	Region 2	2/9/2015	Sampling/Testing	EPA Bakken testing at OHMSETT			ERT?

Region 2	Region 2	3/16/2015	FEMA Seminar and TTX	Training	Jersey City, NJ	EPA participating in FEMA led exercise in Jersey City.	FEMA
Region 3	Region 3	11/30/2014	News Report	ABC News Interview with David Wright (R3) on preparedness, planning and response to Bakken crude shipped by rail			David Wright, EPA R3
Region 3	Region 3	1/8/2015	News Report			D.C. Lawmakers Want Rail Safety Office	Tisha Thompson, WRC-TV, Washington, DC

Region 3	Region 3	2/16/2015	Real world incident	CXS Mt. Carbon Crude Derailment Video, Presentation and Information	Mount Carbon, WV	www.epaosc.org/CSXMtCarbonCrudeDerailment	OSC Dennis Matlock and Melissa Linden
Region 3	Region 3	2/28/2015	OSC Presentation/Outreach	Montgomery County OEM Bakken Crude Oil Seminar	Montgomery County, PA		Michael Towle, EPA R3
Region 3	Region 3	5/14/2015	Seminar/Summit	Awareness, preparedness and response discussions on Bakken Crude Oil rail transport	Erie, PA	Summit	John R. Grappy, ENP Director Erie County Department of Public Safety 2880 Flower Road Erie, PA 16509

Region 3	Region 3	5/19/2015-5/21/2015	Training and Exercise	Bakken Oil Response Training	Montgomery County, PA		David Wright, EPA R3
Region 4	Region 4	2012	Presentation			Oil Spills in Water: Emergency Response and Restoration	
Region 4	Region 4	3/13/2014	Presentation	EPA Inland ACP Workgroup Presentation		Railroads and Area Planning: New Threats and Drawing on Past Experience	Art Smith, EPA R4
Region 4	Region 4	11/29/2014	OSC Presentation			Aliceville Train Derailment	Jordan Garrand, EPA R4
Region 4	Region 4	8/26/2015-8/27/2015-workshop; 9/14/2015-drill	Workshop and Drill	Multiple Stakeholder Hattiesburg Derailment Workshop	Hattiesburg, MS		
Region 5	Region 5	2/3/2014	Presentation			Canadian Pacific Railway, Bakken Crude Oil Leak: Red Wing – Homer	

Region 5	Region 5	3/2014	Presentation	Mid-Valley Pipeline Crude Oil Release	Colerain Township, OH		Steve Renninger, EPA R5
Region 5	Region 5	3/24/2014	Presentation			BP Whiting Crude Oil Discharge	
Region 5	Region 5	4/30/2014	Presentation	2014 Spring Region 5 RRT Meeting	Minneapolis, MN	Submerged Oil Recovery Systems and Recommendations	Kurt Hansen, Acquisition Directorate, USCG
Region 5	Region 5	6/3/2014	Letter			Letter to Illinois SERC providing specific information regarding Bakken crude oil shipments (Subject: DOT-OST-2014-0067)	Bejamin Salo, Hazardous Materials Manager, Union Pacific Railroad
Region 5	Region 5	6/6/2014	Letter			Letter to Illinois Emergency Management Agency providing information on the movement of Bakken crude oil on the CN network in Illinois	James Schwichtenberg, Director of Safety and Regulatory, CN

Region 5	Region 5	6/28/2014	OSC Presentation	Statoil Eisenbrath Well Pad Response	Clarington, OH		
Region 5	Region 5	3/5/2015	EOC Report		EPA Region 5	Train Derailment	WO
Region 5	Region 5	6/10/2015	Exercise	Bakken train derailment exercise	La Crosse, WI		Ann Whelan planning POC
Region 5	Region 5	10/19/2014 10/30/2014	Meeting Agenda	2014 Fall Region 5 RRT Meeting	Lansing, MI	2014 Fall Region 5 RRT Meeting Agenda	Region 5 RRT
Region 5	Region 5	4/29/2014 - 4/30/2014	Meeting	Region 5 RRT Spring Meeting	St. Paul, MN		
Region 5	Region 5	8/12/2014- 8/13/2014	Presentation	U.S. Coast Guard Marine Safety Unit Toledo 2014 PREP FSE	Toledo, OH		LT Jennifer Disco, USCG Marine Safety Unit Toledo
Region 5	Region 5	9/22/2015-	Full Scale Exercise	Enbridge Pipeline FSE	Lake Michigan and		
Region 5	Region 5	9/9/2014- 9/10/2014	Presentation	International Spill Control Organization (ISCO) International Forum on Group V Oils	Detroit, MI		ISCO
Region 5	Region 5		Graphic/Map			CN - Route Views, Bakken Crude Traffic	
Region 6	Region 6	2/2015	Newsletter			February 2015 Region 6 LEPC Update: Bakken Crude Oil	Steve Mason, EPA R6; Hilary Gafford, Weston Solutions
Region 7	Region 7	4/2/2014	OSC Presentation	Region 7 RRT Meeting		Canadian Crude Oil Dilbit Study: January-March 2014	
Region 7	Region 7	12/2014	Summary			EPA Region 7 Bakken Activities	Todd Campbell, EPA R7

Region 7	Region 7	4/14/2015	Exercise	Bakken crude railcar explosion, fire, discharge scenario.	Ft. Leavenworth, KS	BNSF railroad has three rail cars impacted by a derail event: (1) rail car on fire – petroleum product; (1) rail car leaking petroleum product into unnamed tributary, flows about a mile before emptying into the Missouri River; (1) this car has derailed and exploded, no content left.	

Region 7	Region 7	4/28/2015	OSC Region 7 training		EPA Region 7 Offices, Lenexa, KS	Bakken oil train derailment training	EPA Region 7
Region 7	Region 7	4/28/2015	Exercise and Training	Region 7 On-Scene Coordinator In-House Shale Oil / Bakken / Train Derailment Training	Kansas City, MO		
Region 8	Region 8	6/21/2011	SPCC Inspection	Water Chief Hall	Mandaree, ND		Jim Peterson
Region 8	Region 8	6/22/2011	SPCC Inspection	Cenex	New Town, ND		Jim Peterson
Region 8	Region 8	6/22/2011	SPCC Inspection	New Town Transfer	New Town, ND		Jim Peterson

Region 8	Region 8	6/23/2011	SPCC Inspection	Gratech Company	New Town, ND		Jim Peterson
Region 8	Region 8	7/24/2012	SPCC Inspection	Whiting Oil & Gas/Roggenbuck 14-25H	Mountrail, ND		Jim Peterson
Region 8	Region 8	7/25/2012	SPCC Inspection	Whiting Oil & Gas/Hansen 21-3H	Mountrail, ND		Jim Peterson
Region 8	Region 8	7/25/2012	SPCC Inspection	Dakota-3 Mary R Smith, 5-8H (WPX Energy)	Mountrail, ND		Jim Peterson
Region 8	Region 8	7/25/2012	SPCC Inspection	North Country Oil	Mountrail, ND		Jim Peterson
Region 8	Region 8	7/26/2012	SPCC Inspection	Citation Oil & Gas Corp-Donahue 1-23	Williams, ND		Jim Peterson
Region 8	Region 8	7/26/2012	SPCC Inspection	Citation Oil & Gas Corp.-Etzel 1-23	Williams, ND		Jim Peterson
Region 8	Region 8	8/27/2012	SPCC Inspection	Basin Transload, LLC-Zap	Mercer, ND		Jim Peterson
Region 8	Region 8	8/28/2012	SPCC Inspection	Condor Petroleum, Inc.-Hove 44-15	Williams, ND		Jim Peterson
Region 8	Region 8	8/28/2012	SPCC Inspection	Condor Petroleum, Inc.-Arlo Moberg 3	Williams, ND		Jim Peterson
Region 8	Region 8	8/28/2012	SPCC Inspection	Murex Petroleum - Lisa Dianne 15-22H	Williams, ND		Jim Peterson
Region 8	Region 8	8/28/2012	SPCC Inspection	Murex Petroleum - Megan Brooke 15-22H	Williams, ND		Jim Peterson
Region 8	Region 8	8/29/2012	SPCC Inspection	Basin Transload, LLC-Stampede	Burke, ND		Jim Peterson
Region 8	Region 8	8/30/2012	SPCC Inspection	EOG Resources Rail Yard	Mountrail, ND		Jim Peterson
Region 8	Region 8	10/2/2012	SPCC Inspection	Cross Petroleum Service	Glendive, MT		Cynthia Peterson
Region 8	Region 8	10/3/2012	SPCC Inspection	Denbury Onshore, LLC	Glendive, MT		Cynthia Peterson
Region 8	Region 8	6/17/2014	SPCC Inspection	Tervita LLC-Alexander TRD Facility	Alexander, ND		Donna Inman
Region 8	Region 8	6/17/2014	SPCC Inspection	Rolfson Oil Co.	Watford City, ND		C. Ajayi

Region 8	Region 8	6/18/2014	SPCC Inspection	Red River Supply, Inc.	Williston, ND		Donna Inman
Region 8	Region 8	6/18/2014	SPCC Inspection	Secure Energy dba Marquis Alliance	Williston. ND		Donna Inman
Region 8	Region 8	6/19/2014	SPCC Inspection	Oasis Petroleum, Inc. Kestra Federal 5401 43-22H	Williston, ND		C. Ajayi
Region 8	Region 8	6/19/2014	SPCC Inspection	Statoil Sedlacek Trust Well 33-4 1H	Trenton, ND		C. Ajayi
Region 8	Region 8	6/20/2014	SPCC Inspection	Zavanna LLC- Pvt Goodrich 1-22H Well	Trenton, ND		Donna Inman
Region 8	Region 8	8/4/2014	SPCC Inspection	Mouse River Oil Corp	Velva, ND		M. Payan
Region 8	Region 8	8/4/2014	SPCC Inspection	Slawson Exploration-Lunker Federal 2-33-4H Van Hook	New Town, ND		M. Payan
Region 8	Region 8	8/5/2014	SPCC Inspection	Slawson Exploration-Lunker Federal 1-33-4H and Voyager 2-28H	New Town, ND		M. Payan
Region 8	Region 8	8/5/2014	SPCC Inspection	Slawson Exploration-Payara 3-21H	New Town, ND		M. Payan
Region 8	Region 8	8/5/2014	SPCC Inspection	Enerplus-Agave149-93 06C and Bird Bear H-TF	Watford City, ND		M. Payan
Region 8	Region 8	8/5/2014	SPCC Inspection	Enerplus-Blue Stem 149-93-21G 2HTF	Watford City, ND		M. Payan
Region 8	Region 8	8/6/2014	SPCC Inspection	EOG Resources-Hawkeye 100-2501H, 2-2501H	Stanley, ND		M. Payan
Region 8	Region 8	8/6/2014	SPCC Inspection	EOG Resources-Hawkeye 3-2413H	New Town, ND		M. Payan
Region 8	Region 8	8/7/2014	SPCC Inspection	Thomas Petroleum, LLC-South	Williston, ND		M. Payan

Region 8	Region 8	8/7/2014	SPCC Inspection	Thomas Petroleum, LLC-North	Williston, ND		M. Payan
Region 8	Region 8	8/7/2014	SPCC Inspection	Pat's Off Road	Williston, ND		M. Payan
Region 8	Region 8	10/1/2014	GIUE	Basin Transload - Beulah Facility	Beulah, ND		S. Merritt
Region 8	Region 8	10/14/2014	GIUE	Stat Oil & Gas - Trention	Trenton, ND		S. Merritt
Region 8	Region 8	10/15/2014	GIUE	Hess Rail Terminal	Tioga, ND		S. Merritt
Region 8	Region 8	5/12/2015	SPCC/FRP/GIUE Inspection	Kinder Morgan - Dore Station	Williston, ND		D. Hohman
Region 8	Region 8	5/13/2015	SPCC/FRP Inspection	Statoil Oil & Gas, LP - Alexander Oil Facility	Alexander, ND		M. Payan
Region 8	Region 8	5/13/2015	SPCC Inspection	Targa Badlands, LLC - Alexander Crude Oil Terminal	Alexander, ND		M. Payan
Region 8	Region 8	5/14/2015	SPCC Inspection	Savage - Trenton Railport	Trenton, ND		M. Payan
Region 8	Region 8	5/19/2015	SPCC Inspection	Montana Dakota Utilities-Glendive Combustion Station	Dawson, MT		M. Payan
Region 8	Region 8	5/19/2015	SPCC Inspection	Wibaux Coop Oil	Wibaux, MT		DInman
Region 8	Region 8	5/20/2015	SPCC Inspection	CHS Cenex- Glendive Terminal	Dawson, MT		DInman
Region 8	Region 8	5/21/2015	SPCC Inspection	Legacy Reserves Operating LP-Deer Creek Central Tank Battery	Dawson, MT		D. Hohman
Region 8	Region 8	6/2/2015	SPCC Inspection	Petro-Hunt - 8D-4-4-4H			M. Payan
Region 8	Region 8	6/2/2015	SPCC Inspection	Petro-Hunt - 15395-45-9-1H, 1HS, 8-2HS			M. Payan
Region 8	Region 8	6/2/2015	SPCC/FRP/GIUE Inspection	Dakota Petroleum Transport Solutions	Mountrail, ND		M. Payan
Region 8	Region 8	6/3/2015	SPCC/FRP Inspection	Bakken Oil Express LLC - Rail Hub	Dickinson, ND		M. Payan
Region 8	Region 8	6/4/2015	SPCC Inspection	Enbridge - Berthold	Berthold, ND		M. Payan

Region 8	Region 8	6/4/2015	SPCC/FRP Inspection	Enable Midstream Devore Tank Farm	Watford City, ND		M. Payan
Region 8	Region 8	7/17/2015	GIUE	Van Hook	New Town, ND		S. Merritt
Region 8	Region 8	9/15/2015	SPCC Inspection	WPX Energy - Tri-Unit Production Facility	Dunn, ND		M. Payan
Region 8	Region 8	9/15/2015	SPCC Inspection	WPX Energy - Wolf Chief 27-34HA	Dunn, ND		D. Hohman
Region 8	Region 8	9/15/2015	SPCC Inspection	Plains Terminals ND, LLC - Johnsons Corner Terminal	McKenzie, ND		E. Lai
Region 8	Region 8	9/16/2015	GIUE	OXY USA, Inc - Central Tank Battery No. 1 / Cabernet SWD 1			S. Merritt
Region 8	Region 8	10/14/2015	GIUE	Bridger Pipeline			S. Merritt
Region 8	Region 8	4th Quarter 2015	TableTop Exercise (TTX)	WESCO TTX	Lander, WY		EPA Region 8; WESCO Pipeline

Region 8	Region 8	5/26/2015-5/27/2015	Oil Spill Train Derailment Full Scale Exercise (FSE)	FSE	Montana		EPA Region 8, BNSF Railway and Flathead Committee (Tribal).

Region 8	Region 8	5/5/2015-6/5/2015	Full Scale Exercise	Enbridge Pipelines (North Dakota) Simulated Bakken Oil Spill	Towner and Minot, ND		EPA Region 8, Enbridge Pipeline and North Dakota
Region 8	Region 8		Report			EPA Region 8 Sub-Area Planning Status	
Region 8	Region 8	5/14/2015	SPCC/FRP Inspection	Statoil Oil & Gas, LP - Aune Multi-use Facility	Williston, ND		M. Payan
	Region 9	6/10/2014	Report			Oil by Rail Safety in California: Preliminary Findings and Recommendations	State of California Interagency Rail Safety Working Group

Region	Notes
EPA OEM	Bakken crude TTX as part of the annual Co-Chairs meeting
EPA OEM	Oil Release
N/A	
N/A	
N/A	
N/A	
N/A	http://www.npr.org/2014/02/02/270419666/oil-train-derailments-spur-calls-for-safety-measures
N/A	

N/A	
N/A	Overview of EPA Activities under EO 13650
N/A	Summary includes brief national highlights and responses from select regions (R2, R5, R8, R9)
N/A	
N/A	
N/A	
N/A	

N/A	
N/A	
N/A	Report provides PHMSA and FRA testing results of Bakken crude oil as of May 2014.
N/A	
N/A	

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N/A	
N/A	http://www.npr.org/2015/03/04/390757715/
N/A	Reducing Volatility of Crude Oil Essential To Rail Safety Upgrade, Schumer Says
N/A	

N/A	
N/A	
N/A	Federal Resources to Support Crude by Rail Preparedness Initiatives
N/A	
N/A	
N/A	
N/A	Includes Elk River Spill (January 9-23, 2014)

N/A	Executive Summary of TSB Railway Investigation Report R13D0054
N/A	Legislation for California, Maine, Minnesota, Oregon, Pennsylvania, Washington
N/A	
Region 8	
Region 1	
Region 1	

Region 1	Ten 1-day training classes for first responders who have a role in the initial response to a railcar involving a release of Bakken crude oil. Each class will include a table top exercise (TTX) with Unified Command. EPA Region 1 will try to send an OSC to some of these training courses to be represented in the TTX.
Region 10	
Region 10	

Region 10	Updates reflect the emerging response risks associated with Bakken Crude oil
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Region 2	Primarily focusing on air sampling to assist first responders on what kind of benzene numbers they will encounter and conducting some skimming tests.

Region 2	Seminar was held on 3/16 with table top exercise scheduled for later in the week. Scenario calls for bakken release in urban environment.
Region 3	
Region 3	http://www.nbcwashington.com/investigations/DC-Lawmakers-Want-Rail-Safety-Office-287986051.html

Region 3	A video of the first of seven explosions that occurred during this incident is attached to this email. A presentation with photos that Dennis will be referencing can be found on the EPA OSC.net Web site.
Region 3	
Region 3	Region 3 and State of PA. Vince Zenone, Dennis Matlock and other OSCs in R3 will attend.

Region 3	Pennsylvania, Montgomery County, and Norfolk/Southern to deliver oil response training in Montgomery County. It is a 3 day (May 19 – 21) training event which culminates in a field exercise on the Schuylkill River.
Region 4	SCAT
Region 4	
Region 4	
Region 4	CN-Hattiesburg Derailment Drill
Region 5	

Region 5	
Region 5	
Region 5	
Region 5	Attachments: 1. Reasonable estimate of the number of Bakken crude oil trains expected to travel by week/county, 2. Description of crude oil, 3. Emergency response information, 4. Routes for Bakken crude oil trains
Region 5	

Region 5	
Region 5	Bakken Crude Oil
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Region 5	
Region 5	Pipeline Spill
Region 5	
Region 5	
Region 6	
Region 7	
Region 7	

Region 7	BNSF railroad has three rail cars impacted by a derail event: (1) rail car on fire - petroleum product; (1) rail car leaking petroleum product into unnamed tributary, flows about a mile before emptying into the Missouri River; (1) this car has derailed and exploded, no content left

Region 7	Bakken Crude Oil TTX; Oil Emergency Response Readiness; Communications to Management; Roles and Responsibilities for an Incident Response; Building Relationships with Federal Agencies, States/Tribes, Locals and Industry.
Region 7	Present general information with regard to shale oil, and shale oil unit train derailments. Allow participants to apply knowledge to a fictional scenario involving a unit train derailment.
Region 8	SPCC Inspection
Region 8	SPCC Inspection
Region 8	SPCC Inspection

Region 8	SPCC Inspection
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Region 8	Oil Emergency Response and Readiness; Building Relationships with Federal Agencies, States/Tribes, Locals and Industry

Region 8	Oil Emergency Response and Readiness; REOC and IMT Operations; Communications to Management; Roles and Responsibilities for an Incident Response; Building Relationships with Federal Agencies, States/Tribes, Locals and Industry.

Region 8	Enbridge Pipelines (North Dakota), LLC along with the U.S. EPA Region 8 and several other federal, state and local agencies are planning a Full Scale Exercise (FSE) in McHenry County and Minot, North Dakota on May 5 and 6, 2015. The FSE will be conducted under the National Preparedness for Response Exercise Program (PREP) which meets section 4202(a) of the Oil Pollution Act of 1990 (OPA 90) for compliance with exercise requirements.
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Bakken Crude Activities
Real Incidents/Emergencies

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 3	2/16/2015	Real world incident	CXS Mt. Carbon Crude Derailment Video, Presentation and Information	Mount Carbon, WV	www.epaosc.org/CSXMtCarbonCrudeDerailment	OSC Dennis Matlock and Melissa Linden	A video of the first of seven explosions that occurred during this incident is attached to this email. A presentation with photos that Dennis will be referencing can be found on the EPA OSC.net Web site.
Region 5	3/5/2015	EOC Report		EPA Region 5	Train Derailment	WO	Bakken Crude Oil
N/A	2014	Report			TSB Canada Railway Investigation Report R13D0054, Lac-Mégantic (Quebec), 6 July 2013	Transportation Safety Board (TSB) of Canada	
N/A		Report			Lac-Mégantic Runaway Train and Derailment Investigation Summary	Transportation Safety Board (TSB) of Canada	Executive Summary of TSB Railway Investigation Report R13D0054
Region 10	3-Jun-16	Lessons Learned Summary	Bakken oil train derailment	Mosier, Oregon	Train Derailment	Chris Field, Program Manager, Region 10	Spill occurred on Oregon sid

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e of Columbia River, state boundary between WA and OR, in critical fisheries area for Col. River treaty tribes, just above EPA/USCG jurisdictional boundary and Arm

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y Corps hydroelectric dam.

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Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 1	8/11/2014	Meeting Notes	Crude Oil Transport in Northeastern US	Cambridge, MA	Crude Oil Transport in Northeastern US Meeting Notes and Action Items		
Region 1	12/14/2015	VTCAC/NYCAC Roundtable Meeting	Oil by Rail Transport Emergency Response Federal and State Panel discussions.	Shelburne, Vermont	Emergency scenarios on the future of Lake Champlain	Joint States of Vermont and N. York	Roundtable discussions for both VT & NY.
Region 2	3/16/2015	FEMA Seminar and TTX	Training	Jersey City, NJ	EPA participating in FEMA led exercise in Jersey City.	FEMA	Seminar was held on 3/16 with table top exercise scheduled for later in the week. Scenario calls for bakken release in urban environment.
Region 3	5/14/2015	Seminar/Summit	Awareness, preparedness and response discussions on Bakken Crude Oil rail transport	Erie, PA	Summit	John R. Grappy, ENP Director Erie County Department of Public Safety 2880 Flower Road Erie, PA 16509	Region 3 and State of PA. Vince Zenone, Dennis Matlock and other OSCs in R3 will attend.
Region 4	8/26/2015-8/27/2015-workshop; 9/14/2015-drill	Workshop and Drill	Multiple Stakeholder Hattiesburg Derailment Workshop	Hattiesburg, MS			CN-Hattiesburg Derailment Drill
Region 5	4/29/2014 - 4/30/2014	Meeting	Region 5 RRT Spring Meeting	St. Paul, MN			
Region 9	4/7/2015	Meeting and TTX	RRT Meeting and Train Derailment/Bakken Crude Release TTX.	EPA Region 9, Flagstaff, AZ	Training and Train Derailmnet and Release (with fire) of Bakken Crude.	EPA	Oil Spill;Bakken Crude Oil Scenario
N/A	7/20/2014	Summary of Conclusions	National Security Council (NSC) Small Group Meeting	Washington, DC	Small Group Meeting on Preparedness and Mitigation Actions Related to Bakken Crude Oil Transportation Risks Summary of Conclusions	National Security Council (NSC)	
N/A	3/10/2015	Meeting	Rail Safety Roundtable	EPA Region 9, Martinez, CA	Rail Safety Roundtable	Govt & State Planned	

Bakken Crude Activities
Exercises/Drills

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 1	5/19/2015-5/30/2015	Training and Exercise	Railcar Bakken crude oil release training for first responders.	Maine		Maine Environmental Management Agency (MEMA)	Ten 1-day training classes for first responders who have a role in the initial response to a railcar involving a release of Bakken crude oil. Each class will include a table top exercise (TTX) with Unified Command. EPA Region 1 will try to send an OSC to some of these training courses to be represented in the TTX.
Region 2	3/16/2015	FEMA Seminar and TTX	Training	Jersey City, NJ	EPA participating in FEMA led exercise in Jersey City.	FEMA	Seminar was held on 3/16 with table top exercise scheduled for later in the week. Scenario calls for bakken release in urban environment.

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Region 3	Region 3	5/19/2015-5/21/2015	Training and exercise	Bakken Oil Response Training	Montgomery County, PA		David Wright, EPA R3
Region 4	Region 4	8/26/2015-8/27/2015-workshop; 9/14/2015-drill	Workshop and drill	Multiple Stakeholder Hattiesburg Derailment Workshop	Hattiesburg, MS		
Region 5	Region 5	6/10/2015	Exercise	Bakken train derailment exercise	La Crosse, WI		Ann Whelan planning POC
Region 5	Region 5	9/22/2015-9/24/2015	Full Scale Exercise (FSE)	Enbridge Pipeline FSE (Industry Led)	Lake Michigan and Lake Huron		

Region 7	Region 7	4/14/2015	Exercise	Bakken crude railcar explosion, fire, discharge scenario.	Ft. Leavenworth, KS	BNSF railroad has three rail cars impacted by a derail event: (1) rail car on fire – petroleum product; (1) rail car leaking petroleum product into unnamed tributary, flows about a mile before emptying into the Missouri River; (1) this car has derailed and exploded, no content left.	
Region 7	Region 7	4/28/2015	Exercise and training	Region 7 On-Scene Coordinator In-House Shale Oil / Bakken / Train Derailment Training	Kansas City, MO		
Region 8	Region 8	10/1/2014	GIUE	Basin Transload - Beulah Facility	Beulah, ND		S. Merritt

Region 8	Region 8	10/14/2014	GIUE	Stat Oil & Gas - Trention	Trenton, ND		S. Merritt
Region 8	Region 8	10/14/2014	GIUE	Musket Corp, Dore	Dore, ND		S. Merritt
Region 8	Region 8	10/15/2014	GIUE	Hess Rail Terminal	Tioga, ND		S. Merritt
Region 8	Region 8	5/12/2015	SPCC/FRP/GIUE Inspection	Kinder Morgan - Dore Station	Williston, ND		D. Hohman
Region 8	Region 8	5/13/2015	SPCC/FRP Inspection	Statoil Oil & Gas, LP - Alexander Oil Facility	Alexander, ND		M. Payan
Region 8	Region 8	7/17/2015	GIUE	Van Hook	New Town, ND		S. Merritt
Region 8	Region 8	9/16/2015	GIUE	OXY USA, Inc - Central Tank Battery No. 1 / Cabernet SWD 1			S. Merritt
Region 8	Region 8	10/14/2015	GIUE	Bridger Pipeline			S. Merritt
Region 8	Region 8	4th Quarter 2015	TableTop Exercise (TTX)	WESCO TTX	Lander, WY		EPA Region 8; WESCO Pipeline

Region 8	Region 8	5/26/2015-5/27/2015	Oil Spill Train Derailment Full Scale Exercise (FSE)	FSE	Montana		EPA Region 8, BNSF Railway and Flathead Committee (Tribal).

Region 8	Region 8	5/5/2015-6/5/2015	Full Scale Exercise	Enbridge Pipelines (North Dakota) Simulated Bakken Oil Spill	Towner and Minot, ND		EPA Region 8, Enbridge Pipeline and North Dakota
Region 9	Region 9	4/7/2015	RRT Meeting and Train Derailment/Bakken Crude Release TTX.		EPA Region 9, Flagstaff, AZ	Training and Train Derailmnet and Release (with fire) of Bakken Crude.	EPA

Region 9	Region 9	4/7/2015	Meeting and TTX	RRT Meeting and Train Derailment/Bakken Crude Release TTX.	EPA Region 9, Flagstaff, AZ	Training and Train Derailmnet and Release (with fire) of Bakken Crude.	EPA
Region 10	Region 10	2014	Exercise	WA and OR Governor initiated expert-panels in and exercises on evaluating risks posed by increased Bakken Oil-by-rail traffic			
Region 10	Region 10	2015/2016	Exercise	Inland SONs exercise with state, federal and tribal partners along Columbia River corridor, involving Bakken Oil spill	Final phase conducted at the Principals level on Jan. 13, 2016.	Train derailment, caused by landslide, near the Dalles, State of Washington, release of 450,000 gallons of crude oil into the Columbia River.	EPA with over 80 senior level attendees, including EPA Administrator and other federal agencies.
Region 10	Region 10	4/2015	Exercise	Incident Management for Executives Table Top Exercise on Bakken Oil Spill to Columbia River			
EPA OEM	EPA OEM	10/2015	Oil ReleaseTableTop Exercise (TTX)	SONS 2016 NRT/RRT TTX	St. Louis, MO		EPA OEM
EPA OEM	EPA OEM	1st Quarter of 2016	Executive Level TTX	SONS 2016 Executive Level TTX	Washington, DC		EPA OEM

Region	Notes
Region 1	Ten 1-day training classes for first responders who have a role in the initial response to a railcar involving a release of Bakken crude oil. Each class will include a table top exercise (TTX) with Unified Command. EPA Region 1 will try to send an OSC to some of these training courses to be represented in the TTX.
Region 2	Seminar was held on 3/16 with table top exercise scheduled for later in the week. Scenario calls for bakken release in urban environment.

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Region 3	Pennsylvania, Montgomery County, and Norfolk/Southern to deliver oil response training in Montgomery County. It is a 3 day (May 19 – 21) training event which culminates in a field exercise on the Schuylkill River.
Region 4	CN-Hattiesburg Derailment Drill
Region 5	
Region 5	Pipeline Spill impacting Straits of Mackinaw (Lake Michigan and Huron)

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Region 7	BNSF railroad has three rail cars impacted by a derail event: (1) rail car on fire - petroleum product; (1) rail car leaking petroleum product into unnamed tributary, flows about a mile before emptying into the Missouri River; (1) this car has derailed and exploded, no content left
Region 7	Present general information with regard to shale oil, and shale oil unit train derailments. Allow participants to apply knowledge to a fictional scenario involving a unit train derailment.
Region 8	

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Region 8	Oil Emergency Response and Readiness; Building Relationships with Federal Agencies, States/Tribes, Locals and Industry

Region 8	Oil Emergency Response and Readiness; REOC and IMT Operations; Communications to Management; Roles and Responsibilities for an Incident Response; Building Relationships with Federal Agencies, States/Tribes, Locals and Industry.

Region 8	Enbridge Pipelines (North Dakota), LLC along with the U.S. EPA Region 8 and several other federal, state and local agencies are planning a Full Scale Exercise (FSE) in McHenry County and Minot, North Dakota on May 5 and 6, 2015. The FSE will be conducted under the National Preparedness for Response Exercise Program (PREP) which meets section 4202(a) of the Oil Pollution Act of 1990 (OPA 90) for compliance with exercise requirements.
Region 9	Oil Spill;Bakken Crude Oil Scenario

Region 9	Oil Spill;Bakken Crude Oil Scenario
Region 10	
Region 10	RRT and NRT level part of exercise with same scenario preceded the Principals exercise.
Region 10	
EPA OEM	Bakken crude TTX as part of the annual Co-Chairs meeting
EPA OEM	Oil Release

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Bakken Crude Activities
News Releases/Reports

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 3	11/30/2014	News Report	ABC News Interview with David Wright (R3) on preparedness, planning and response to Bakken crude shipped by rail			David Wright, EPA R3	
Region 3	1/8/2015	News Report			D.C. Lawmakers Want Rail Safety Office	Tisha Thompson, WRC-TV, Washington, DC	http://www.nbcwashington.com/investigations/DC-Lawmakers-Want-Rail-Safety-Office-287986051.html
N/A	2/2/2014	News Report			Oil Train Derailments Spur Calls For Safety Measures	Kirk Siegler, National Public Radio	http://www.npr.org/2014/02/02/270419666/oil-train-derailments-spur-calls-for-safety-measures
N/A	7/23/2014	News Release			U.S. DOT Announces Comprehensive Proposed Rulemaking for the Safe Transportation of Crude Oil, Flammable Materials (DOT 67-14)	DOT Office of Public Affairs	
N/A	8/19/2014	News Release			News Release (R13D0054): TSB identifies systemic problems leading to Lac-Mégantic train accident and calls for additional safety defences to improve rail safety	Transportation Safety Board (TSB) of Canada	

N/A	N/A	12/3/2014	Graphic/Map			Crude Oil by Rail	Wall Street Journal

Region	Notes
Region 3	
Region 3	http://www.nbcwashington.com/investigations/DC-Lawmakers-Want-Rail-Safety-Office-287986051.html
N/A	http://www.npr.org/2014/02/02/270419666/oil-train-derailments-spur-calls-for-safety-measures
N/A	
N/A	

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Bakken Crude Activities
Inspections

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 8	6/21/2011	SPCC Inspection	Water Chief Hall	Mandaree, ND		Jim Peterson	SPCC Inspection
Region 8	6/22/2011	SPCC Inspection	Cenex	New Town, ND		Jim Peterson	SPCC Inspection
Region 8	6/22/2011	SPCC Inspection	New Town Transfer	New Town, ND		Jim Peterson	SPCC Inspection
Region 8	6/23/2011	SPCC Inspection	Gratech Company	New Town, ND		Jim Peterson	SPCC Inspection
Region 8	7/24/2012	SPCC Inspection	Whiting Oil & Gas/Roggenbuck 14-25H	Mountrail, ND		Jim Peterson	
Region 8	7/25/2012	SPCC Inspection	Whiting Oil & Gas/Hansen 21-3H	Mountrail, ND		Jim Peterson	
Region 8	7/25/2012	SPCC Inspection	Dakota-3 Mary R Smith, 5-8H (WPX Energy)	Mountrail, ND		Jim Peterson	
Region 8	7/25/2012	SPCC Inspection	North Country Oil	Mountrail, ND		Jim Peterson	
Region 8	7/26/2012	SPCC Inspection	Citation Oil & Gas Corp-Donahue 1-23	Williams, ND		Jim Peterson	
Region 8	7/26/2012	SPCC Inspection	Citation Oil & Gas Corp.-Etzel 1-23	Williams, ND		Jim Peterson	
Region 8	8/27/2012	SPCC Inspection	Basin Transload, LLC-Zap	Mercer, ND		Jim Peterson	
Region 8	8/28/2012	SPCC Inspection	Condor Petroleum, Inc.-Hove 44-15	Williams, ND		Jim Peterson	
Region 8	8/28/2012	SPCC Inspection	Condor Petroleum, Inc.-Arlo Moberg 3	Williams, ND		Jim Peterson	
Region 8	8/28/2012	SPCC Inspection	Murex Petroleum - Lisa Dianne 15-22H	Williams, ND		Jim Peterson	
Region 8	8/28/2012	SPCC Inspection	Murex Petroleum - Megan Brooke 15-22H	Williams, ND		Jim Peterson	
Region 8	8/29/2012	SPCC Inspection	Basin Transload, LLC-Stampede	Burke, ND		Jim Peterson	
Region 8	8/30/2012	SPCC Inspection	EOG Resources Rail Yard	Mountrail, ND		Jim Peterson	
Region 8	10/2/2012	SPCC Inspection	Cross Petroleum Service	Glendive, MT		Cynthia Peterson	
Region 8	10/3/2012	SPCC Inspection	Denbury Onshore, LLC	Glendive, MT		Cynthia Peterson	
Region 8	6/17/2014	SPCC Inspection	Tervita LLC-Alexander TRD Facility	Alexander, ND		Donna Inman	

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Region 8	Region 8	6/17/2014	SPCC Inspection	Rolfson Oil Co.	Watford City, ND		C. Ajayi
Region 8	Region 8	6/18/2014	SPCC Inspection	Red River Supply, Inc.	Williston, ND		Donna Inman
Region 8	Region 8	6/18/2014	SPCC Inspection	Secure Energy dba Marquis Alliance	Williston. ND		Donna Inman
Region 8	Region 8	6/19/2014	SPCC Inspection	Oasis Petroleum, Inc. Kestra Federal 5401 43-22H	Williston, ND		C. Ajayi
Region 8	Region 8	6/19/2014	SPCC Inspection	Statoil Sedlacek Trust Well 33-4 1H	Trenton, ND		C. Ajayi
Region 8	Region 8	6/20/2014	SPCC Inspection	Zavanna LLC- Pvt Goodrich 1-22H Well	Trenton, ND		Donna Inman
Region 8	Region 8	8/4/2014	SPCC Inspection	Mouse River Oil Corp	Velva, ND		M. Payan
Region 8	Region 8	8/4/2014	SPCC Inspection	Slawson Exploration-Lunker Federal 2-33-4H Van Hook	New Town, ND		M. Payan
Region 8	Region 8	8/5/2014	SPCC Inspection	Slawson Exploration-Lunker Federal 1-33-4H and Voyager 2-28H	New Town, ND		M. Payan
Region 8	Region 8	8/5/2014	SPCC Inspection	Slawson Exploration-Payara 3-21H	New Town, ND		M. Payan
Region 8	Region 8	8/5/2014	SPCC Inspection	Enerplus-Agave149-93 06C and Bird Bear H-TF	Watford City, ND		M. Payan
Region 8	Region 8	8/5/2014	SPCC Inspection	Enerplus-Blue Stem 149-93-21G 2HTF	Watford City, ND		M. Payan
Region 8	Region 8	8/6/2014	SPCC Inspection	EOG Resources-Hawkeye 100-2501H, 2-2501H	Stanley, ND		M. Payan
Region 8	Region 8	8/6/2014	SPCC Inspection	EOG Resources-Hawkeye 3-2413H	New Town, ND		M. Payan
Region 8	Region 8	8/7/2014	SPCC Inspection	Thomas Petroleum, LLC-South	Williston, ND		M. Payan
Region 8	Region 8	8/7/2014	SPCC Inspection	Thomas Petroleum, LLC-North	Williston, ND		M. Payan
Region 8	Region 8	8/7/2014	SPCC Inspection	Pat's Off Road	Williston, ND		M. Payan

Region 8	Region 8	5/12/2015	SPCC/FRP/GIUE Inspection	Kinder Morgan - Dore Station	Williston, ND		D. Hohman
Region 8	Region 8	5/13/2015	SPCC/FRP Inspection	Statoil Oil & Gas, LP - Alexander Oil Facility	Alexander, ND		M. Payan
Region 8	Region 8	5/13/2015	SPCC Inspection	Targa Badlands, LLC - Alexander Crude Oil Terminal	Alexander, ND		M. Payan
Region 8	Region 8	5/14/2015	SPCC Inspection	Savage - Trenton Railport	Trenton, ND		M. Payan
Region 8	Region 8	5/14/2015	SPCC/FRP Inspection	Statoil Oil & Gas, LP - Aune Multi-use Facility	Williston, ND		M. Payan
Region 8	Region 8	5/19/2015	SPCC Inspection	Montana Dakota Utilities-Glendive Combustion Station	Dawson, MT		M. Payan
Region 8	Region 8	5/19/2015	SPCC Inspection	Wibaux Coop Oil	Wibaux, MT		DInman
Region 8	Region 8	5/20/2015	SPCC Inspection	CHS Cenex- Glendive Terminal	Dawson, MT		DInman
Region 8	Region 8	5/21/2015	SPCC Inspection	Legacy Reserves Operating LP-Deer Creek Central Tank Battery	Dawson, MT		D. Hohman
Region 8	Region 8	6/2/2015	SPCC Inspection	Petro-Hunt - 8D-4-4-4H			M. Payan
Region 8	Region 8	6/2/2015	SPCC Inspection	Petro-Hunt - 15395-45-9-1H, 1HS, 8-2HS			M. Payan
Region 8	Region 8	6/2/2015	SPCC/FRP/GIUE Inspection	Dakota Petroleum Transport Solutions	Mountrail, ND		M. Payan
Region 8	Region 8	6/3/2015	SPCC/FRP Inspection	Bakken Oil Express LLC - Rail Hub	Dickinson, ND		M. Payan
Region 8	Region 8	6/4/2015	SPCC Inspection	Enbridge - Berthold	Berthold, ND		M. Payan
Region 8	Region 8	6/4/2015	SPCC/FRP Inspection	Enable Midstream Devore Tank Farm	Watford City, ND		M. Payan
Region 8	Region 8	9/15/2015	SPCC Inspection	Plains Terminals ND, LLC - Johnsons Corner Terminal	McKenzie, ND		E. Lai

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Bakken Crude Activities
Publications/Presentations

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 3	2/28/2015	OSC Presentation/Outreach	Montgomery County OEM Bakken Crude Oil Seminar	Montgomery County, PA		Michael Towle, EPA R3	
Region 4	2012	Presentation			Oil Spills in Water: Emergency Response and Restoration		SCAT
Region 4	3/13/2014	Presentation	EPA Inland ACP Workgroup Presentation		Railroads and Area Planning: New Threats and Drawing on Past Experience	Art Smith, EPA R4	
Region 4	11/29/2014	OSC Presentation			Aliceville Train Derailment	Jordan Garrand, EPA R4	
Region 5	2/3/2014	Presentation			Canadian Pacific Railway, Bakken Crude Oil Leak: Red Wing – Homer		
Region 5	3/2014	Presentation	Mid-Valley Pipeline Crude Oil Release	Colerain Township, OH		Steve Renninger, EPA R5	
Region 5	3/24/2014	Presentation			BP Whiting Crude Oil Discharge		
Region 5	4/30/2014	Presentation	2014 Spring Region 5 RRT Meeting	Minneapolis, MN	Submerged Oil Recovery Systems and Recommendations	Kurt Hansen, Acquisition Directorate, USCG	
Region 5	6/28/2014	OSC Presentation	Statoil Eisenbrath Well Pad Response	Clarington, OH			
Region 5	8/12/2014-8/13/2014	Presentation	U.S. Coast Guard Marine Safety Unit Toledo 2014 PREP FSE	Toledo, OH		LT Jennifer Disco, USCG Marine Safety Unit Toledo	

Region 5	Region 5	9/9/2014-9/10/2014	Presentation	International Spill Control Organization (ISCO) International Forum on Group V Oils	Detroit, MI		ISCO
Region 6	Region 6	2/2015	Newsletter			February 2015 Region 6 LEPC Update: Bakken Crude Oil	Steve Mason, EPA R6; Hilary Gafford, Weston Solutions
Region 7	Region 7	4/2/2014	OSC Presentation	Region 7 RRT Meeting		Canadian Crude Oil Dilbit Study: January-March 2014	
Region 8	Region 8		Report			EPA Region 8 Sub-Area Planning Status	
Region 9	Region 9	6/10/2014	Report			Oil by Rail Safety in California: Preliminary Findings and Recommendations	State of California Interagency Rail Safety Working Group
Region 10	Region 10	5/28/2014	OSC Presentation	RRT 10/Northwest Area Committee Meeting	Boise, ID	Crude Oil and Response Considerations	Richard Franklin, EPA R10
N/A	N/A	2013	Report			A Comparison of the Properties of Diluted Bitumen Crudes with other Oils	POLARIS Applied Sciences, Inc.
N/A	N/A	2014	Report			TSB Canada Railway Investigation Report R13D0054, Lac-Mégantic (Quebec), 6 July 2013	Transportation Safety Board (TSB) of Canada
N/A	N/A	3/13/2014	Presentation	EPA Inland ACP Workgroup Presentation		PHMSA: Office of Pipeline Safety Emergency Support & Security Division (PHP-5)	Leigha Gooding, PHMSA and Ed Murphy, PHMSA

N/A	N/A	3/19/2014	Presentation	2014 NRT-RRT Co-Chairs Meeting	Atlanta, GA	Operation Safe Delivery: Enhancing the Safe Transport of Crude Oil and Other Flammable Liquids	Timothy Butters, PHMSA Deputy Administrator
N/A	N/A	4/9/2014	Presentation			Executive Order: Improving Chemical Facility Safety & Security	EPA
N/A	N/A	7/1/2014	Report			Crude Oil Rail Emergency Response: Lessons Learned Roundtable Report	PHMSA
N/A	N/A	7/11/2014	Briefing	Unclassified Briefing: Association of American Railroads	Arlington, VA	Movement of Bakken Crude Oil By Rail	
N/A	N/A	7/22/2014	Presentation			Crude Oil by Rail	Kurt Eichenlaub, Railroad Safety Specialist, FRA Hazmat Division
N/A	N/A	7/23/2014	Report			DOT PHMSA Operation Safe Delivery Update	PHMSA
N/A	N/A	7/29/2014	Presentation			Infrastructure Analysis – Bakken Crude Oil Flows by Rail	Brandon Wales, Deputy Director, DHS Office of Cyber and Infrastructure Analysis

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N/A	N/A	7/29/2014	Report			Analysis –Bakken Crude Oil Flows by Rail	DHS Office of Cyber and Infrastructure Analysis
N/A	N/A	9/16/2014	Presentation	Environment Canada Meeting on U.S. EPA RRT Emerging Crude Oil Issues Conference Call		Diluted Bitumen Studies Initial WC Phase 1 Results	Dr. Carl E. Brown, Emergencies Science and Technology Section, Environment Canada a
N/A	N/A	10/29/2014	Presentation	2014 Fall Region 5 RRT Meeting	Lansing, MI	Enbridge Oil Spill	EPA/Michigan DEQ
N/A	N/A	3/5/2015	BNA Report			Hazmat Transport	Rep. Schumer, NY
N/A	N/A	4/6/2015	Report			Analysis –Hazardous Liquid Pipeline and Rail Incidents (1985-2014)	DHS OFFICE OF CYBER AND INFRASTRUCTURE ANALYSIS
N/A	N/A	4/15/2015	Report			Preparedness Initiatives in Crude by Rail Transport	FEMA, DHS & DOT
N/A	N/A	4/15/2015	2014 Executive Seminar Participant Manual			Rising Crude Transportation by Rail Factsheet	

N/A	N/A		Presentation			Bakken Crude Oil Spill Response From July 6, 2013 Train Incident, Lac Megantic, Quebec	ECRC
N/A	N/A		Presentation			Submerged Oil Recovery Techniques in Fresh Water: Case Study - Lake Wabamum	Andy Erjavec, ECRC
N/A	N/A		Presentation			ORSANCO's Role in Source Water Protection, Emergency Response and the Protection of Drinking Water Utilities	Jerry G. Schulte, Source Water Protection and Emergency Response, Ohio River Valley Water Sanitation Commission
N/A	N/A		Report			Lac-Mégantic Runaway Train and Derailment Investigation Summary	Transportation Safety Board (TSB) of Canada
N/A	N/A		Presentation			Hurricane Sandy Pollution Response	Eric Doucette, Commander USCG

Region	Notes
Region 3	
Region 4	SCAT
Region 4	
Region 4	
Region 5	
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Region 5	
Region 6	
Region 7	
Region 8	
Region 9	
Region 10	
N/A	
N/A	
N/A	

N/A	
N/A	Overview of EPA Activities under EO 13650
N/A	
N/A	
N/A	
N/A	Report provides PHMSA and FRA testing results of Bakken crude oil as of May 2014.
N/A	

N/A	
N/A	
N/A	
N/A	Reducing Volatility of Crude Oil Essential To Rail Safety Upgrade, Schumer Says
N/A	
N/A	Federal Resources to Support Crude by Rail Preparedness Initiatives
N/A	

N/A	
N/A	
N/A	Includes Elk River Spill (January 9-23, 2014)
N/A	Executive Summary of TSB Railway Investigation Report R13D0054
N/A	

Bakken Crude Activities
Research/Testing/Sampling

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 2	2/9/2015	Sampling/Testing	EPA Bakken testing at OHMSETT			ERT?	Primarily focusing on air sampling to assist first responders on what kind of benzene numbers they will encounter and conducting some skimming tests.
Region 10	12/8/2014	Data/Graphs			ADIOS2 Model data and graphs run for Bakken	NOAA	

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Bakken Crude Activities
Fact Sheets/Pamphlets

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 10	2/2015	Fact Sheet/Pamphlet			Bakken Crude Oil Pamphlet	NW Area Committee	
N/A	9/2014	Reference Sheet			Commodity Preparedness and Incident Management Reference Sheet: Petroleum Crude Oil	PHMSA	
N/A	11/20/2014	Fact Sheet/Pamphlet			Rising Crude Transportation by Rail Factsheet and Bakken Crude Oil Factsheet		
N/A	4/2015	Fact Sheet/Pamphlet			Training Trigger: Crude Oil Rail Shipments	The Interagency Board	
N/A	4/15/2015	2014 Executive Seminar Participant Manual			Rising Crude Transportation by Rail Factsheet		

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Bakken Crude Activities
Correspondence

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 5	6/3/2014	Letter			Letter to Illinois SERC providing specific information regarding Bakken crude oil shipments (Subject: DOT-OST-2014-0067)	Bejamin Salo, Hazardous Materials Manager, Union Pacific Railroad	Attachments: 1. Reasonable estimate of the number of Bakken crude oil trains expected to travel by week/county, 2. Description of crude oil, 3. Emergency response information, 4. Routes for Bakken crude oil trains
Region 5	6/6/2014	Letter			Letter to Illinois Emergency Management Agency providing information on the movement of Bakken crude oil on the CN network in Illinois	James Schwichtenberg, Director of Safety and Regulatory, CN	
Region 10	6/19/2014	Letter			Letter to DOT, Burlington Northern Santa Fe Railway Company and Union Pacific Corporation Requesting Disclosure of All Bakken Crude Oil Shipments by Rail through Washington State Communities	Kevin Ranker, Washington State Senator and Christing Rolfes, Washington State Senator	

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Region 10	Region 10	12/15/2014	E-mail			E-mail transmitting ADIOS2 Model data and graphs run for Bakken crude oil from the Columbia Pacific Bio-Refinery terminal	Richard Franklin, EPA R10
N/A	N/A	8/19/2014	Letter			Letter to PHMSA regarding amendements to TSB Canada Investigation Report R13D0054, Lac-Mégantic (Quebec), 6 July 2013	Wendy A. Tadros, Chair, Transportation Safety (TSB) Board Canada

Region	Notes
Region 5	Attachments: 1. Reasonable estimate of the number of Bakken crude oil trains expected to travel by week/county, 2. Description of crude oil, 3. Emergency response information, 4. Routes for Bakken crude oil trains
Region 5	
Region 10	

Region 10	
N/A	

Bakken Crude Activities
Training/Outreach

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 1	5/19/2015-5/30/2015	Training and Exercise	Railcar Bakken crude oil release training for first responders.	Maine		Maine Environmental Management Agency (MEMA)	Ten 1-day training classes for first responders who have a role in the initial response to a railcar involving a release of Bakken crude oil. Each class will include a table top exercise (TTX) with Unified Command. EPA Region 1 will try to send an OSC to some of these training courses to be represented in the TTX.
Region 3	2/28/2015	OSC Presentation/Outreach	Montgomery County OEM Bakken Crude Oil Seminar	Montgomery County, PA		Michael Towle, EPA R3	

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Region 3	Region 3	5/19/2015-5/21/2015	Training and exercise	Bakken Oil Response Training	Montgomery County, PA		David Wright, EPA R3
Region 7	Region 7	4/28/2015	Exercise and Training	Region 7 On-Scene Coordinator In-House Shale Oil / Bakken / Train Derailment Training	Kansas City, MO		

Region 7	Region 7	4/28/2015	OSC Region 7 training		EPA Region 7 Offices, Lenexa, KS	Bakken oil train derailment training	EPA Region 7
Region 10	Region 10	2014	Training/Outreach	Outreach and training events throughout Washington and Oregon to assist local responders			
Region 10	Region 10	2015	Training	EPA Region 10 hosting two fast water booming courses for inland spill situations			
Massachusetts Department of Environmental Protection (DEP)	Massachusetts Department of Environmental Protection (DEP)	2105	Response	DVD developed by MA DEP	http://www.mass.gov/eea/docs/dep/cleanup/laws/bakken-crude-oil-spills-response-options-and-environmental-impacts.pdf	Bakken Crude Oil Spills Response Options and Environmental Impacts	MA DEP

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OLEM/OEM /PROD	OLEM/OEM /PROD	Aug-16	Bakken Oil Awareness Training video	OSCs and members of the Environmental Response Team participated in the development of the video providing a wealth of expertise and experience.	The video is posted on epaosc.org (www.epaosc.org/hqoem) and can be downloaded and viewed at any time.		The speakers on the video include Chris Ruhl, Dennis Matlock, Richard Franklin, Steve Way, Brian Kovak, Greg Powell and Jordan Garrard.

Region	Notes
Region 1	Ten 1-day training classes for first responders who have a role in the initial response to a railcar involving a release of Bakken crude oil. Each class will include a table top exercise (TTX) with Unified Command. EPA Region 1 will try to send an OSC to some of these training courses to be represented in the TTX.
Region 3	

Region 3	Pennsylvania, Montgomery County, and Norfolk/Southern to deliver oil response training in Montgomery County. It is a 3 day (May 19 – 21) training event which culminates in a field exercise on the Schuylkill River.
Region 7	Present general information with regard to shale oil, and shale oil unit train derailments. Allow participants to apply knowledge to a fictional scenario involving a unit train derailment.

Region 7	Bakken Crude Oil TTX; Oil Emergency Response Readiness; Communications to Management; Roles and Responsibilities for an Incident Response; Building Relationships with Federal Agencies, States/Tribes, Locals and Industry.
Region 10	
Region 10	
Massachusetts Department of Environmental Protection (DEP)	

OLEM/OEM /PROD	Video with a number of case studies and a detailed discussion of the physical and chemical properties of Bakken crude oil, production locations, transportation routes, safety considerations and response considerations.

Bakken Crude Activities
Plans/Guidance

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 10	2014	Guidance			Establishing A Shoreline Assessment Program	NW Area Committee SCAT Task Force	
Region 10	2014	Area Contingency Plan			Northwest Area Contingency Plan Updates		Updates reflect the emerging response risks associated with Bakken Crude oil
N/A	7/10/2014	Action Plan			Bakken Shale Crude Oil - Preparedness and Mitigation Plan of Action	NSS Interagency Working Group	
N/A	11/13/2014	Matrix			Draft Matrix - Status of Bakken Oil In ACPs	EPA	
Region 1	Spring/Summer of 2016	GRPs and JRPs	- Region 1 is working on developing ten joint response plans (JRPs) around rivers in conjunction with the Maine Department of Environmental Protection, Maine Emergency Management Agency, Maine Historic Preservation Commission, municipalities, local fire departments, and the Penobscot Nation, which owns and occupies more than 200 islands in the Penobscot River in Eastern Maine. This effort will result in the first inland JRPs in the state of Maine.		- Region 1 is also developing five geographic response plans (GRPs) on several rivers in New Hampshire in coordination with the New Hampshire Department of Environmental Services, New Hampshire Fish and Game Department, and several municipalities and non-governmental organizations. The GRPs will cover areas containing numerous threatened and endangered species.		These planning efforts are especially important along Bakken Oil rail lines as there is currently no planning infrastructure along these routes.
Region 5	8/1/2015-	Area Contingency	Crude Oil by Rail	EPA Region 5	PP Training and		

ncrease railroad participation in the Area Contingency Planning process and to harmonize individual railroad emergency plans with the EPA/US

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CG Regional Contingency Plan/Area Contingency Plan (RCP/ACP), Sub-Area Plans, Geographic Response Plans and response strategies.

Region	Date(s)	Category	Event	Location	Presentation/Report Title	Author/Presenter/Source	Notes
Region 1	7/25/2015	Congressional Inquiry	Bakken trains along Lake Champlain	Albany, NY	Conference call with congressional liaisons		
Region 5		Graphic/Map			CN - Route Views, Bakken Crude Traffic		
Region 7	12/2014	Summary			EPA Region 7 Bakken Activities	Todd Campbell, EPA R7	
Region 10	2015	Consultation	Endangered Species Act, Section 7 consultation on the NW Area Contingency Plan with a focus on inland Bakken Oil spill geographic areas				
N/A	2012	Graphic/Map			2012 Crude Waybill Flows Map	FRA	
N/A	2012	Waybill			Crude Oil By Rail – 2012 Waybill Sample: Volume of Crude Oil Transported By State		
N/A	7/18/2014	Advisory			Increased Use of Railways to Transport Crude Oil May Lead to Acts of Environmental Extremism	Federal Bureau of Investigation	
N/A		Matrix			Oil by Rail State Legislation Introduced in 2013 and 2014		Legislation for California, Maine, Minnesota, Oregon, Pennsylvania, Washington