

User Guide Index for EPA-HQ-OW-2018-0618 - Preliminary Effluent Guidelines Program Plan 14

RECORD SECTION	EPA DOCUMENT ID	TITLE	ABSTRACT	DOCUMENT TYPE	AUTHOR	AUTHOR DATE	SOURCE CITATION	CATEGORY INDUSTRY	PAGE	CBI	COPY- RIGHTED	DCN
2.1	EPA-HQ-OW-2018-0618-0521	2015 Toxics Release Inventory (TRI) Water Release Database – 2015 TRI Loading Tool Download - DCN 08724	Database with 2015 TRI data for the nutrient discharge rankings analysis.	Data	Eastern Research Group (ERG)	12/01/2018		Meat and Poultry Products, Part 432	0	No	No	08724
2.1	EPA-HQ-OW-2018-0618-0522	2015 Discharge Monitoring Report (DMR) Database - 2015 DMR Loading Tool Download - DCN 08725	Database with 2015 DMR data for the nutrient discharge rankings analysis.	Data	Eastern Research Group (ERG)	12/01/2018			0	No	No	08725
2.1	EPA-HQ-OW-2018-0618-0488	NPDES Permit Information_CFR 430 and 432 - DCN 08726	Summary of the NPDES permit review conducted for the Pulp and Paper and Meat and Poultry Category reviews. Data collected from EPA Regions 1, 4, and 5, as well as online search of permits and fact sheets.	Data	Eastern Research Group (ERG)	12/01/2018			0	No	No	08726

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2.1	EPA-HQ-OW-2018-0618-0491	POTW DMR Nutrient Concentration Data - DCN 08734	Workbook compilation of 2015 DMR nutrient discharge concentration data for POTWs.	Data	Eastern Research Group (ERG)	09/25/2018			0	No	No	08734
2.1	EPA-HQ-OW-2018-0618-0507	TRI Chemical List for Reporting Year 2015 - DCN 08750	TRI's list of chemicals that applicable facilities must report in 2015 if they meet TRI requirements.	Forms and Instructions	U.S. EPA	01/01/2015			23	No	No	08750
2.1	EPA-HQ-OW-2018-0618-0583	Basics of TRI Reporting - DCN 08751	Webpage explaining the reporting repquirements of TRI.	Guidance	U.S. EPA	08/23/2018			4	No	No	08751

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2.1	EPA-HQ-OW-2018-0618-0509	Striking the Balance Between Nutrient Removal in Wastewater Treatment and Sustainability - DCN 08754	Study that focuses on sustainability impacts as wastewater treatment plants implement treatment technologies to meet increasingly stringent nutrient limits.	Report	WERF	10/14/2011	WERF. 2011. Water Environment Research Foundation. Striking the Balance Between Nutrient Removal in Wastewater Treatment and Sustainability.		112	No	Yes	08754
2.1	EPA-HQ-OW-2018-0618-0511	Sources, fate, and transport of nitrogen and phosphorus in the Chesapeake Bay watershed: An empirical model - DCN 08756	U.S. Geological Survey scientific investigations report describing a model for analyzing Chesapeake Bay nutrient sources, fate, and transport mechanisms.	Publication; Copyrighted Materials	Ator, S. W., et al.	10/11/2011	Ator, S.W., et al. 2011. Sources, Fate, and Transport of Nitrogen and Phosphorus in the Chesapeake Bay Watershed: An Empirical Model. U.S. Geological		38	No	Yes	08756
2.1	EPA-HQ-OW-2018-0618-0512	Water Quality Standards Attainment and Monitoring - DCN 08757	Overview of water quality standards attainment and monitoring in the Chesapeake Bay.	Guidance	Chesapeake Progress	03/06/2019	Chesapeake Progress. 2019. Water Quality Standards Attainment and Monitoring. Available online at https://www.chesapeakeprogress.com/clean-water/water		5	No	Yes	08757

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2.1	EPA-HQ-OW-2018-0618-0513	Nutrients in the Nation's Waters: Identifying Problems and Progress - DCN 08758	Fact sheet by USGS from 1996 describing a water quality assessment of nutrients.	Fact Sheet/Data Sheet	USGS	10/01/1996			9	No	No	08758
2.1	EPA-HQ-OW-2018-0618-0514	Streamflow and Nutrient Delivery to the Gulf of Mexico - DCN 08759	Streamflow and nutrient flux of the Mississippi-Atchafalaya River Basin andsubbasins for the period of record through 2016.	Fact Sheet/Data Sheet	USGS	03/06/2019			2	No	No	08759
2.1	EPA-HQ-OW-2018-0618-0514.1	Annual Nutrient Flux and Concurrent Streamflow – Updated Through Water Year 2016 - DCN 08759A1	Workbook data showing nutrient flux that is estimated by the Adjusted Maximum Likelihood Estimation (AMLE) method using the LOADEST program for Mississippi-Atchafalaya River Basin and subbasins for the period of record through 2005. Attachment to Streamflow and Nutrient Delivery to the Gulf of Mexico - DCN 08759.	Data	USGS	03/06/2019			0	No	No	08759A1

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2.1	EPA-HQ-OW-2018-0618-0515	2015 DMR Aggregated Nutrient Discharges from POTWs - DCN 08760	2015 DMR aggregated nutrient discharges from POTWs downloaded by ERG from the Water Pollutant Loading Tool in 2019.	Data	Eastern Research Group (ERG)	03/01/2019			0	No	No	08760
2.1	EPA-HQ-OW-2018-0618-0516	2015 DMR Nitrogen Discharges in Chesapeake - DCN 08761	2015 DMR nitrogen discharges in Chesapeake Bay downloaded by ERG from the Water Pollutant Loading Tool in 2019.	Data	Eastern Research Group (ERG)	03/01/2019			0	No	No	08761
2.1	EPA-HQ-OW-2018-0618-0517	2015 DMR Nitrogen Discharges to Mississippi-Atchafalaya - DCN 08762	2015 DMR nitrogen discharges to Mississippi-Atchafalaya downloaded by ERG from the Water Pollutant Loading Tool in 2019.	Data	Eastern Research Group (ERG)	03/01/2019			0	No	No	08762

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2.1.1	EPA-HQ-OW-2018-0618-0419	North Carolina Department of Environment and Natural Resources (NCDENR). National Pollutant Discharge Elimination System Facility Permit for NC0028835 - Perdue Farms Lewiston Facility, Lewiston, NC - DCN 08707	NPDES Facility Permit for NC0028835 - Perdue Farms Lewiston Facility, Lewiston, NC.	Permit, Registration	NCDENR	01/01/2013		Meat and Poultry Products	8	No	No	08707
2.1.1	EPA-HQ-OW-2018-0618-0419.1	North Carolina Department of Environment and Natural Resources (NCDENR). National Pollutant Discharge Elimination System Facility Fact Sheet for NC0028835 - Perdue Farms Lewiston Facility, Lewiston, NC - DCN 08707A1	NPDES Facility Fact Sheet for NC0028835 - Perdue Farms Lewiston Facility, Lewiston, NC.	Permit, Registration	NCDENR	01/01/2013		Meat and Poultry Products	4	No	No	08707A1
2.1.1	EPA-HQ-OW-2018-0618-0420	North Carolina Department of Environment and Natural Resources (NCDENR). National Pollutant Discharge Elimination System Facility Permit for NC0072575 - Pilgrim's Pride Processing Plant, Sanford, NC - DCN 08708	NPDES Facility Permit for NC0072575 - Pilgrim's Pride Processing Plant, Sanford, NC.	Permit, Registration	NCDENR	08/01/2012		Meat and Poultry Products	8	No	No	08708

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2.1.1	EPA-HQ-OW-2018-0618-0420.1	North Carolina Department of Environment and Natural Resources (NCDENR). National Pollutant Discharge Elimination System Facility Fact Sheet for NC0072575 - Pilgrim's Pride Processing Plant, Sanford, NC - DCN 08708A1	NPDES Facility Fact Sheet for NC0072575 - Pilgrim's Pride Processing Plant, Sanford, NC.	Permit, Registration	NCDENR	08/01/2012		Meat and Poultry Products	3	No	No	08708A1
2.1.1	EPA-HQ-OW-2018-0618-0476	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for AL0002241 - JCG Foods of Alabama LLC, Collinsville, AL - DCN 08709	NPDES Facility Permit and Fact Sheet for AL0002241 - JCG Foods of Alabama LLC, Collinsville, AL.	Permit, Registration	ADEM	06/01/2013		Meat and Poultry Products	39	No	No	08709
2.1.1	EPA-HQ-OW-2018-0618-0477	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for AL0082309 - Koch Foods of Alabama LLC., Montgomery, AL - DCN 08710	NPDES Facility Permit and Fact Sheet for AL0082309 - Koch Foods of Alabama LLC., Montgomery, AL.	Permit, Registration	ADEM	05/01/2014		Meat and Poultry Products	32	No	No	08710

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2.1.1	EPA-HQ-OW-2018-0618-0478	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for AL0040843 - American Proteins Inc., Hanceville, AL - DCN 08711	NPDES Facility Permit and Fact Sheet for AL0040843 - American Proteins Inc., Hanceville, AL.	Permit, Registration	ADEM	10/01/2011		Meat and Poultry Products	42	No	No	08711
2.1.1	EPA-HQ-OW-2018-0618-0479	Florida Department of Environmental Protection (FDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for FL0001465 - Pilgrim's Pride Live Oak Processing Plant, Live Oak, FL - DCN 08712	NPDES Facility Permit and Fact Sheet for FL0001465 - Pilgrim's Pride Live Oak Processing Plant, Live Oak, FL.	Permit, Registration	FDEP	05/08/2015		Meat and Poultry Products	98	No	No	08712
2.1.1	EPA-HQ-OW-2018-0618-0480	Kentucky Pollutant Discharge Elimination System (KPDES). National Pollutant Discharge Elimination System Facility Permit KY0100102 - Perdue Foods, LLC, Beaver Dam, KY - DCN 08713	NPDES Facility Permit for KY0100102 - Perdue Foods, Inc., Beaver Dam, KY.	Permit, Registration	KPDES	11/01/2015		Meat and Poultry Products	15	No	No	08713

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2.1.1	EPA-HQ-OW-2018-0618-0480.1	Kentucky Pollutant Discharge Elimination System (KPDES). National Pollutant Discharge Elimination System Facility Fact Sheet KY0100102 - Perdue Foods, LLC, Beaver Dam, KY - DCN 08713A1	NPDES Facility Fact Sheet for KY0100102 - Perdue Foods, LLC, Beaver Dam, KY.	Permit, Registration	KPDES	11/01/2015		Meat and Poultry Products	32	No	No	08713A1
2.1.1	EPA-HQ-OW-2018-0618-0481	Kentucky Pollutant Discharge Elimination System (KPDES). National Pollutant Discharge Elimination System Facility Permit KY0107280 - Griffin Industries LLC, Cold Spring, KY - DCN 08714	NPDES Facility Permit for KY0107280 - Griffin Industries LLC, Cold Spring, KY.	Permit, Registration	KPDES	02/01/2016		Meat and Poultry Products	25	No	No	08714
2.1.1	EPA-HQ-OW-2018-0618-0481.1	Kentucky Pollutant Discharge Elimination System (KPDES). National Pollutant Discharge Elimination System Facility Fact Sheet KY0107280 - Griffin Industries LLC, Cold Spring, KY - DCN 08714A1	NPDES Facility Fact Sheet for KY0107280 - Griffin Industries LLC, Cold Spring, KY.	Permit, Registration	KPDES	12/18/2015		Meat and Poultry Products	34	No	No	08714A1

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2.1.1	EPA-HQ-OW-2018-0618-0482	Mississippi Department of Environmental Quality (MDEQ). National Pollutant Discharge Elimination System Facility Permit for MS0045021 - Sanderson Farms Inc, McComb Processing, Summit, MS - DCN 08715	NPDES Facility Permit for MS0045021 - Sanderson Farms Inc, McComb Processing, Summit, MS.	Permit, Registration	MDEQ	03/31/2015		Meat and Poultry Products	27	No	No	08715
2.1.1	EPA-HQ-OW-2018-0618-0483	Mississippi Department of Environmental Quality (MDEQ). National Pollutant Discharge Elimination System Facility Permit for MS0046931 - Tyson Farms, Inc., dba River Valley Animal Foods, Forest, MS - DCN 08716	NPDES Facility Permit for MS0046931 - Tyson Farms, Inc., dba River Valley Animal Foods, Forest, MS.	Permit, Registration	MDEQ	12/10/2014		Meat and Poultry Products	33	No	No	08716
2.1.1	EPA-HQ-OW-2018-0618-0484	Georgia Department of National Resources (GDNR). National Pollutant Discharge Elimination System Facility Permit for GA0001074 - Tyson Foods, Inc., Cumming, GA - DCN 08717	NPDES Facility Permit for GA0001074 - Tyson Foods, Inc., Cumming, GA.	Permit, Registration	GDNR	04/01/2013		Meat and Poultry Products	16	No	No	08717

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2.1.1	EPA-HQ-OW-2018-0618-0484.1	Georgia Department of National Resources (GDNR). National Pollutant Discharge Elimination System Facility Fact Sheet for GA0001074 - Tyson Foods, Inc., Cumming, GA - DCN 08717A1	NPDES Facility Fact Sheet for GA0001074 - Tyson Foods, Inc., Cumming, GA.	Permit, Registration	GDNR	11/05/2012		Meat and Poultry Products	2	No	No	08717A1
2.1.1	EPA-HQ-OW-2018-0618-0485	Georgia Department of National Resources (GDNR). National Pollutant Discharge Elimination System Facility Permit for GA0002844 - Perdue Foods LLC., Perry, GA - DCN 08718	NPDES Facility Permit for GA0002844 - Perdue Foods LLC., Perry, GA.	Permit, Registration	GDNR	09/01/2015		Meat and Poultry Products	16	No	No	08718
2.1.1	EPA-HQ-OW-2018-0618-0486	South Carolina Department of Health and Environmental Control (SCDHEC). National Pollutant Discharge Elimination System Facility Permit for SC0000795 - Pilgrim's Sumter SC Processing Plant, Sumter, SC - DCN 08719	NPDES Facility Permit for SC0000795 - Pilgrim's Sumter SC Processing Plant, Sumter, SC.	Permit, Registration	SCDHEC	06/23/2017		Meat and Poultry Products	35	No	No	08719

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2.1.1	EPA-HQ-OW-2018-0618-0486.1	South Carolina Department of Health and Environmental Control (SCDHEC). National Pollutant Discharge Elimination System Facility Fact Sheet for SC0000795 - Pilgrim's Sumter SC Processing Plant, Sumter, SC - DCN 08719A1	NPDES Facility Fact Sheet for SC0000795 - Pilgrim's Sumter SC Processing Plant, Sumter, SC.	Permit, Registration	SCDHEC	06/23/2017		Meat and Poultry Products	39	No	No	08719A1
2.1.1	EPA-HQ-OW-2018-0618-0518	Tennessee Department of Environment and Conservation (TDEC). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for TN0002135 - Tyson Foods Inc. Shelbyville, TN - DCN 08720	NPDES Facility Permit and Fact Sheet for TN0002135 - Tyson Foods Inc. Shelbyville, TN.	Permit, Registration	TDEC	02/01/2014		Meat and Poultry Products	46	No	No	08720
2.1.1	EPA-HQ-OW-2018-0618-0519	Tennessee Department of Environment and Conservation (TDEC). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for TN0073563 - Tyson Farms Inc. Union City, TN - DCN 08721	NPDES Facility Permit and Fact Sheet for TN0073563 - Tyson Farms Inc. Union City, TN.	Permit, Registration	TDEC	01/01/2016		Meat and Poultry Products	52	No	No	08721

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2.1.1	EPA-HQ-OW-2018-0618-0520	Illinois Environmental Protection Agency (IEPA). National Pollutant Discharge Elimination System Facility Permit for IL0023914 - Cargill Meat Solutions Corporation, Beardstown, IL - DCN 08722	NPDES Facility Permit for IL0023914 - Cargill Meat Solutions Corporation, Beardstown, IL.	Permit, Registration	IEPA	08/26/2013		Meat and Poultry Products	15	No	No	08722
2.1.1	EPA-HQ-OW-2018-0618-0487	Telephone and Email Communication between Kim Dirks, Tyson Fresh Meats, Chris Logue, Tyson Fresh Meats, and Kimberly Bartell, ERG, Re: 2015 TRI Nitrate and Ammonia Releases for Multiple Tyson Fresh Meat Facilities - DCN 08723	Telephone and Email Communication between Kim Dirks, Tyson Fresh Meats, Chris Logue, Tyson Fresh Meats, and Kimberly Bartell, Eastern Research Group, Inc., Re: 2015 TRI Nitrate and Ammonia Releases for Multiple Tyson Fresh Meat Facilities.	Meeting Materials	Dirks, K., & Logue, C.	08/24/2017		Meat and Poultry Products, Part 432	6	No	No	08723
2.1.1	EPA-HQ-OW-2018-0618-0489	Meat and Poultry 2015 DMR and TRI Concentration Data - DCN 08727	Workbook compilation of 2015 DMR and TRI nutrient discharge data for the meat and poultry industry. The spreadsheet is split up by pounds and concentration discharge data. The two summary tabs at the start of the workbook provide overall statistics.	Data	Eastern Research Group (ERG)	12/01/2018		Meat and Poultry Products, Part 432	0	No	No	08727

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2.1.1	EPA-HQ-OW-2018-0618-0493	Telephone and Email Communication between James Faison, Mar-Jac Poultry MS, LLC, and Kimberly Bartell, ERG, Re: 2015 TRI Ammonia Releases for Mar-Jac Poultry MS, LLC, Hattiesburg, MS - DCN 08736	Telephone and Email Communication between James Faison, Mar-Jac Poultry MS, LLC, and Kimberly Bartell, Eastern Research Group, Inc., Re: 2015 TRI Ammonia Releases for Mar-Jac Poultry MS, LLC, Hattiesburg, MS.	Meeting Materials	Faison, J.	08/24/2017		Meat and Poultry Products, Part 432	5	No	No	08736
2.1.1	EPA-HQ-OW-2018-0618-0494	Telephone and Email Communication between Bud Ludwig, National Beef, and Sara Bossenbroek, ERG, Re: 2015 TRI Ammonia Releases at National Beef facilities in Dodge City and Liberal, KS - DCN 08737	Telephone and Email Communication between Bud Ludwig, National Beef, and Sara Bossenbroek, Eastern Research Group, Inc., Re: 2015 TRI Ammonia Releases at National Beef facilities in Dodge City and Liberal, KS.	Meeting Materials	Ludwig, B.	09/07/2017		Meat and Poultry Products, Part 432	3	No	No	08737
2.1.1	EPA-HQ-OW-2018-0618-0495	Telephone and Email Communication between Tim Mizelle, Lewiston Processing Plant, and Kimberly Bartell, ERG, Re: 2015 TRI Nitrate Releases for Lewiston Processing Plant, Lewiston Woodville, NC - DCN 08738	Telephone and Email Communication between Tim Mizelle, Lewiston Processing Plant, and Kimberly Bartell, Eastern Research Group, Inc., Re: 2015 TRI Nitrate Releases for Lewiston Processing Plant, Lewiston Woodville, NC.	Meeting Materials	Mizelle, T.	08/24/2017		Meat and Poultry Products, Part 432	3	No	No	08738

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2.1.1	EPA-HQ-OW-2018-0618-0496	Telephone and Email Communication between Susan Murphy, Smithfield Farmland, and Sara Bossenbroek, ERG, Re: 2015 TRI Nitrate and Ammonia Releases at Smithfield Farmland facilities in Tar Heel, NC and Denison, IA - DCN 08739	Telephone and Email Communication between Susan Murphy, Smithfield Farmland, and Sara Bossenbroek, Eastern Research Group, Inc., Re: 2015 TRI Nitrate and Ammonia Releases at Smithfield Farmland facilities in Tar Heel, NC and Denison, IA.	Meeting Materials	Murphy, S.	08/25/2017		Meat and Poultry Products, Part 432	1	No	No	08739
2.1.1	EPA-HQ-OW-2018-0618-0499	Telephone and Email Communication between Mike Reed, Cargill Meat Solutions, and Sara Bossenbroek, ERG, Re: 2015 TRI Nitrate Releases at Cargill Meat Solutions in Schuyler, NE - DCN 08742	Telephone and Email Communication between Mike Reed, Cargill Meat Solutions, and Sara Bossenbroek, Eastern Research Group, Inc., Re: 2015 TRI Nitrate Releases at Cargill Meat Solutions in Schuyler, NE.	Meeting Materials	Reed, M.	10/23/2017		Meat and Poultry Products, Part 432	3	No	No	08742
2.1.1	EPA-HQ-OW-2018-0618-0500	Telephone and Email Communication between Steve Sansone, Triumph Foods, LLC, and Kimberly Bartell, ERG, Re: 2015 TRI Ammonia Releases for Triumph Foods, LLC, in Saint Joseph, MO - DCN 08743	Telephone and Email Communication between Steve Sansone, Triumph Foods, LLC, and Kimberly Bartell, Eastern Research Group, Inc., Re: 2015 TRI Ammonia Releases for Triumph Foods, LLC, in Saint Joseph, MO	Meeting Materials	Sansone, S.	08/24/2017		Meat and Poultry Products, Part 432	3	No	No	08743

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2.1.1	EPA-HQ-OW-2018-0618-0501	Telephone and Email Communication between Rick Sappington, Seaboard Foods, and Sara Bossenbroek, ERG, Re: 2015 TRI Ammonia Releases at Seaboard Foods in Guymon, OK - DCN 08744	Telephone and Email Communication between Rick Sappington, Seaboard Foods, and Sara Bossenbroek, Eastern Research Group, Inc., Re: 2015 TRI Ammonia Releases at Seaboard Foods in Guymon, OK	Meeting Materials	Sappington, R.	08/24/2017		Meat and Poultry Products, Part 432	5	No	No	08744
2.1.1	EPA-HQ-OW-2018-0618-0508	U.S. EPA Region 4 Meat and Poultry Facility Nutrient Data in NPDES Permits - DCN 08753	A summary of meat and poultry NPDES permits data for EPA Region 4.	E-mail	Wahlstrom-Ramler, M.	02/08/2018		Meat and Poultry Products, Part 432	1	No	No	08753
2.1.1	EPA-HQ-OW-2018-0618-0510	Telephone and Email Communication between Isaac Yoder, JBS USA, and Sara Bossenbroek, ERG, Re: 2015 TRI Nitrate and Ammonia Releases at JBS USA in Marshalltown, IA - DCN 08755	Telephone and Email Communication between Isaac Yoder, JBS USA, and Sara Bossenbroek, Eastern Research Group, Inc., Re: 2015 TRI Nitrate and Ammonia Releases at JBS USA in Marshalltown, IA.	Meeting Materials	Yoder, I.	08/31/2017		Meat and Poultry Products, Part 432	1	No	No	08755

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2.1.2	EPA-HQ-OW-2018-0618-0529	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for AL0003930 - NGC Industries Inc., Oxford, AL - DCN 08663	NPDES Facility Permit and Fact Sheet for AL0003930 - NGC Industries Inc., Oxford, AL.	Permit, Registration	ADEM	01/01/2016		Pulp, Paper, and Paperboard	61	No	No	08663
2.1.2	EPA-HQ-OW-2018-0618-0372	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit for AL0002682 - Georgia-Pacific Brewton LLC., Brewton, AL - DCN 08664	NPDES Facility Permit for AL0002682 - Georgia-Pacific Brewton LLC., Brewton, AL.	Permit, Registration	ADEM	04/01/2014		Pulp, Paper, and Paperboard	70	No	No	08664
2.1.2	EPA-HQ-OW-2018-0618-0373	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit for AL0000817 - Westrock Coated BD, LLC, Phenix City, AL - DCN 08665	NPDES Facility Permit for AL0000817 - Westrock Coated BD, LLC, Phenix, AL.	Permit, Registration	ADEM	05/01/2015		Pulp, Paper, and Paperboard	39	No	No	08665

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2.1.2	EPA-HQ-OW-2018-0618-0374	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for AL0002755 - Boise White Paper LLC, Jackson, AL - DCN 08666	NPDES Facility Permit and Fact Sheet for AL0002755 - Boise White Paper LLC, Jackson, AL.	Permit, Registration	ADEM	08/01/2011		Pulp, Paper, and Paperboard	55	No	No	08666
2.1.2	EPA-HQ-OW-2018-0618-0375	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit for AL0003018 - International Paper - Riverdale Mill, Selma, AL - DCN 08667	NPDES Facility Permit for AL0003018 - International Paper - Riverdale Mill, Selma, AL.	Permit, Registration	ADEM	06/01/2014		Pulp, Paper, and Paperboard	49	No	No	08667
2.1.2	EPA-HQ-OW-2018-0618-0376	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for AL0003115 - International Paper, Prattville, AL - DCN 08668	NPDES Facility Permit and Fact Sheet for AL0003115 - International Paper, Prattville, AL.	Permit, Registration	ADEM	04/01/2014		Pulp, Paper, and Paperboard	45	No	No	08668

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2.1.2	EPA-HQ-OW-2018-0618-0377	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for AL0022314 - Rocktenn CP LLC, Stevenson, AL - DCN 08669	NPDES Facility Permit and Fact Sheet for AL0022314 - Rocktenn CP LLC, Stevenson, AL.	Permit, Registration	ADEM	09/01/2014		Pulp, Paper, and Paperboard	59	No	No	08669
2.1.2	EPA-HQ-OW-2018-0618-0378	Alabama Department of Environmental Management (ADEM). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for AL0003158 - Resolute FP US Inc Coosa Pines Operations, Childersburg, AL - DCN 08670	NPDES Facility Permit and Fact Sheet for AL0003158 - Resolute FP US Inc Coosa Pines Operations, Childersburg, AL.	Permit, Registration	ADEM	04/01/2017		Pulp, Paper, and Paperboard	70	No	No	08670
2.1.2	EPA-HQ-OW-2018-0618-0543	Connecticut Department of Energy and Environmental Protection (CTDEEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for CT0002127 - Cellu Tissue Corporation, East Hartford, CT - DCN 08671	NPDES Facility Permit and Fact Sheet for CT0002127 - Cellu Tissue Corporation, East Hartford, CT.	Permit, Registration	CTDEEP	10/30/2001		Pulp, Paper, and Paperboard	17	No	No	08671

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2.1.2	EPA-HQ-OW-2018-0618-0544	Connecticut Department of Energy and Environmental Protection (CTDEEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for CT0000434 - Ahlstrom Nonwovens LLC, Windsor Locks, CT - DCN 08672	NPDES Facility Permit and Fact Sheet for CT0000434 - Ahlstrom Nonwovens LLC, Windsor Locks, CT.	Permit, Registration	CTDEEP	04/01/2005		Pulp, Paper, and Paperboard	46	No	No	08672
2.1.2	EPA-HQ-OW-2018-0618-0380	Florida Department of Environmental Protection (FDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for FL0001104 - Westrock CP, LLC - Fernandina Beach Mill, LLC, Fernandina Beach, FL - DCN 08673	NPDES Facility Permit and Fact Sheet for FL0001104 - Westrock CP, LLC - Fernandina Beach Mill, LLC, Fernandina Beach, FL.	Permit, Registration	FDEP	11/12/2015		Pulp, Paper, and Paperboard	127	No	No	08673
2.1.2	EPA-HQ-OW-2018-0618-0381	Florida Department of Environmental Protection (FDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for FL0000400 - RockTenn - Seminole Mill Jax, Jacksonville, FL - DCN 08674	NPDES Facility Permit and Fact Sheet for FL0000400 - RockTenn - Seminole Mill Jax, Jacksonville, FL.	Permit, Registration	FDEP	06/18/2014		Pulp, Paper, and Paperboard	90	No	No	08674

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2.1.2	EPA-HQ-OW-2018-0618-0382	Florida Department of Environmental Protection (FDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for FL0000701 - Rayonier Performance Fibers LLC, Fernandina Beach, FL - DCN 08675	NPDES Facility Permit and Fact Sheet for FL0000701 - Rayonier Performance Fibers LLC, Fernandina Beach, FL.	Permit, Registration	FDEP	01/26/2017		Pulp, Paper, and Paperboard	101	No	No	08675
2.1.2	EPA-HQ-OW-2018-0618-0383	Florida Department of Environmental Protection (FDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for FL0000876 - Buckeye Florida LP, Perry, FL - DCN 08676	NPDES Facility Permit and Fact Sheet for FL0000876 - Buckeye Florida LP, Perry, FL.	Permit, Registration	FDEP	03/06/2014		Pulp, Paper, and Paperboard	88	No	No	08676
2.1.2	EPA-HQ-OW-2018-0618-0384	Georgia Department of Natural Resources Environmental Protection Divison (GDNR). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for GA0003654 - Brunswick Cellulose, Inc., Brunswick, GA - DCN 08677	NPDES Facility Permit and Fact Sheet for GA0003654 - Brunswick Cellulose, Inc., Brunswick, GA.	Permit, Registration	GDNR	08/13/2007		Pulp, Paper, and Paperboard	32	No	No	08677

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2.1.2	EPA-HQ-OW-2018-0618-0385	Georgia Department of Natural Resources Environmental Protection Divison (GDNR). National Pollutant Discharge Elimination System Facility Permit Application for GA0046426 - Hollingsworth & Vose Company, Hawkinsville, GA - DCN 08678	NPDES Facility Permit Application for GA0046426 - Hollingsworth & Vose Company, Hawkinsville, GA.	Permit, Registration	GDNR	03/24/2017		Pulp, Paper, and Paperboard	26	No	Yes	08678
2.1.2	EPA-HQ-OW-2018-0618-0386	Kentucky Pollutant Discharge Elimination System (KPDES). National Pollutant Discharge Elimination System Facility Permit for KY0094463 - TIN, Inc. d/b/a International Paper, Maysville, KY - DCN 08679	NPDES Facility Permit for KY0094463 - TIN, Inc. d/b/a International Paper, Maysville, KY.	Permit, Registration	KPDES	04/01/2014		Pulp, Paper, and Paperboard	18	No	No	08679
2.1.2	EPA-HQ-OW-2018-0618-0387	Massachusetts Department of Environmental Protection (MassDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for MA0000671 - Crane and Company, Inc., Dalton, MA - DCN 08680	NPDES Facility Permit and Fact Sheet for MA0000671 - Crane and Company, Inc., Dalton, MA.	Permit, Registration	MassDEP	06/03/2012		Pulp, Paper, and Paperboard	42	No	No	08680

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2.1.2	EPA-HQ-OW-2018-0618-0388	Massachusetts Department of Environmental Protection (MassDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for MA0000469 - Seaman Paper Company of Massachusetts, Inc., Otter River, MA - DCN 08681	NPDES Facility Permit and Fact Sheet for MA0000469 - Seaman Paper Company of Massachusetts, Inc., Otter River, MA.	Permit, Registration	MassDEP	02/27/2015		Pulp, Paper, and Paperboard	100	No	No	08681
2.1.2	EPA-HQ-OW-2018-0618-0545	Massachusetts Department of Environmental Protection (MassDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for MA0001848 - Onyx Specialty Papers, Inc., South Lee, MA - DCN 08682	NPDES Facility Permit and Fact Sheet for MA0001848 - Onyx Specialty Papers, Inc., South Lee, MA.	Permit, Registration	MassDEP	04/01/2012		Pulp, Paper, and Paperboard	54	No	No	08682
2.1.2	EPA-HQ-OW-2018-0618-0546	Massachusetts Department of Environmental Protection (MassDEP). National Pollutant Discharge Elimination System Facility Permit for MA0005011 - Southworth Company, Turners Falls, MA - DCN 08683	NPDES Facility Permit for MA0005011 - Southworth Company, Turners Falls, MA.	Permit, Registration	MassDEP	12/01/2007		Pulp, Paper, and Paperboard	9	No	No	08683

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2.1.2	EPA-HQ-OW-2018-0618-0547	Massachusetts Department of Environmental Protection (MassDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for MA0001716 - MW Custom Papers, LLC, South Lee, MA - DCN 08684	NPDES Facility Permit and Fact Sheet for MA0001716 - MW Custom Papers, LLC, South Lee, MA.	Permit, Registration	MassDEP	09/27/2012		Pulp, Paper, and Paperboard	46	No	No	08684
2.1.2	EPA-HQ-OW-2018-0618-0548	Massachusetts Department of Environmental Protection (MassDEP). National Pollutant Discharge Elimination System Facility Permit for MA0004561 - Hollingsworth & Vose Company, West Groton, MA - DCN 08685	NPDES Facility Permit for MA0004561 - Hollingsworth & Vose Company, West Groton, MA.	Permit, Registration	MassDEP	06/01/2011		Pulp, Paper, and Paperboard	7	No	No	08685
2.1.2	EPA-HQ-OW-2018-0618-0549	Maine Department of Environmental Protection (MDEP). National Pollutant Discharge Elimination System Facility Draft Permit and Fact Sheet for ME0000159 - Twin Rivers Paper Company, Madawaska, ME - DCN 08686	NPDES Facility Draft Permit and Fact Sheet for ME0000159 - Twin Rivers Paper Company, Madawaska, ME.	Permit, Registration	MDEP	08/19/2014		Pulp, Paper, and Paperboard	71	No	No	08686

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2.1.2	EPA-HQ-OW-2018-0618-0582	Maine Department of Environmental Protection (MDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for ME0002054 - Rumford Paper Company, Rumford, ME - DCN 08687	NPDES Facility Permit and Fact Sheet for ME0002054 - Rumford Paper Company, Rumford, ME.	Permit, Registration	MDEP	12/20/2012		Pulp, Paper, and Paperboard	153	No	No	08687
2.1.2	EPA-HQ-OW-2018-0618-0389	Maine Department of Environmental Protection (MDEP). National Pollutant Discharge Elimination System Facility Permit for ME0001937 - Verso Paper Company, Jay, ME - DCN 08688	NPDES Facility Permit for ME0001937 - Verso Paper Company, Jay, ME.	Permit, Registration	MDEP	04/16/2015		Pulp, Paper, and Paperboard	9	No	No	08688
2.1.2	EPA-HQ-OW-2018-0618-0390	Maine Department of Environmental Protection (MDEP). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for ME0021521 - S.D. Warren Company, Skowhegan, ME - DCN 08689	NPDES Facility Permit and Fact Sheet for ME0021521 - S.D. Warren Company, Skowhegan, ME.	Permit, Registration	MDEP	12/04/2015		Pulp, Paper, and Paperboard	108	No	No	08689

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2.1.2	EPA-HQ-OW-2018-0618-0391	Maine Department of Environmental Protection (MDEP). National Pollutant Discharge Elimination System Facility Permit for ME0002003 - Lincoln Paper and Tissue, LLC, Lincoln, ME - DCN 08690	NPDES Facility Permit for ME0002003 - Lincoln Paper and Tissue, LLC, Lincoln, ME.	Permit, Registration	MDEP	10/17/2014		Pulp, Paper, and Paperboard	9	No	No	08690
2.1.2	EPA-HQ-OW-2018-0618-0403	Mississippi Department of Environmental Quality (MDEQ). National Pollutant Discharge Elimination System Facility Permit for MS0000191 - International Paper, Vicksburg Mill, Redwood, MS - DCN 08691	NPDES Facility Permit for MS0000191 - International Paper, Vicksburg Mill, Redwood, MS.	Permit, Registration	MDEQ	09/25/2014		Pulp, Paper, and Paperboard	30	No	No	08691
2.1.2	EPA-HQ-OW-2018-0618-0404	Mississippi Department of Environmental Quality (MDEQ). National Pollutant Discharge Elimination System Facility Permit for MS0000795 - Burrows Paper Corporation, Pickens, MS - DCN 08692	NPDES Facility Permit for MS0000795 - Burrows Paper Corporation, Pickens, MS.	Permit, Registration	MDEQ	11/02/2015		Pulp, Paper, and Paperboard	30	No	No	08692

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2.1.2	EPA-HQ-OW-2018-0618-0405	North Carolina Department of Environment and Natural Resources (NCDENR). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for NC0000272 - Blue Ridge Paper Products, Canton, NC - DCN 08693	NPDES Facility Permit and Fact Sheet for NC0000272 - Blue Ridge Paper Products, Canton, NC.	Permit, Registration	NCDENR	07/01/2010		Pulp, Paper, and Paperboard	22	No	No	08693
2.1.2	EPA-HQ-OW-2018-0618-0406	North Carolina Department of Environment and Natural Resources (NCDENR). National Pollutant Discharge Elimination System Facility Permit Application for NC0003298 - International Paper Co. Riegelwood Mill, Riegelwood, NC - DCN 08694	NPDES Facility Permit Application for NC0003298 - International Paper Co. Riegelwood Mill, Riegelwood, NC.	Permit, Registration	NCDENR	06/07/2016		Pulp, Paper, and Paperboard	26	No	No	08694
2.1.2	EPA-HQ-OW-2018-0618-0407	U.S. EPA Region 1. National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for NH0000230 - Monadnock Paper Mills, Inc., Bennington, NH - DCN 08695	NPDES Facility Permit and Fact Sheet for NH0000230 - Monadnock Paper Mills, Inc., Bennington, NH.	Permit, Registration	EPA Region 1	10/01/2007		Pulp, Paper, and Paperboard	46	No	No	08695

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2.1.2	EPA-HQ-OW-2018-0618-0408	U.S. EPA Region 1. National Pollutant Discharge Elimination System Facility Permit for NH0000655 - Fraser Papers N.H. LLC Gorham Paper Mill, Gorham, NH - DCN 08696	NPDES Facility Permit for NH0000655 - Fraser Papers N.H. LLC Gorham Paper Mill, Gorham, NH.	Permit, Registration	EPA Region 1	01/01/2009		Pulp, Paper, and Paperboard	26	No	No	08696
2.1.2	EPA-HQ-OW-2018-0618-0409	Ohio Environmental Protection Agenc (OEPA). National Pollutant Discharge Elimination System Facility Permit for OH0004961 - Newark Group Industries dba Ohio Paperboard Corporation, Baltimore, OH - DCN 08697	NPDES Facility Permit for OH0004961 - Newark Group Industries dba Ohio Paperboard Corporation, Baltimore, OH.	Permit, Registration	OEPA	03/01/2015		Pulp, Paper, and Paperboard	45	No	No	08697
2.1.2	EPA-HQ-OW-2018-0618-0410	Ohio Environmental Protection Agenc (OEPA). National Pollutant Discharge Elimination System Facility Permit for OH0031046 - United States Gypsum Company, Gypsum, OH - DCN 08698	NPDES Facility Permit for OH0031046 - United States Gypsum Company, Gypsum, OH.	Permit, Registration	OEPA	08/01/2014		Pulp, Paper, and Paperboard	42	No	No	08698

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2.1.2	EPA-HQ-OW-2018-0618-0411	Commonwealth of Pennsylvania Department of Environmental Protection Bureau of Point and Non-point Source Management (CPDEPB). NPDES Facility Permit for PA0008885 - Procter & Gamble Paper Products Co. Mehoopany Plant, Mehoopany, PA - DCN 08699	NPDES Facility Permit for PA0008885 - Procter & Gamble Paper Products Co. Mehoopany Plant, Mehoopany, PA.	Permit, Registration	CPDEPB	09/01/2017		Pulp, Paper, and Paperboard	31	No	No	08699
2.1.2	EPA-HQ-OW-2018-0618-0412	Commonwealth of Pennsylvania Department of Environmental Protection Bureau of Point and Non-point Source Management (CPDEPB). NPDES Facility Permit for PA0228818 - First Quality Tissue LLC (Lock Haven Plant), Lock Haven, PA - DCN 08700	NPDES Facility Permit for PA0228818 - First Quality Tissue LLC (Lock Haven Plant), Lock Haven, PA.	Permit, Registration	CPDEPB	04/01/2012		Pulp, Paper, and Paperboard	19	No	No	08700
2.1.2	EPA-HQ-OW-2018-0618-0413	Commonwealth of Pennsylvania Department of Environmental Protection Bureau of Point and Non-point Source Management (CPDEPB). National Pollutant Discharge Elimination System Facility Permit for PA0008591 - NGC Industries, LLC, West Milton, PA - DCN 08701	NPDES Facility Permit for PA0008591 - NGC Industries, LLC, West Milton, PA.	Permit, Registration	CPDEPB	11/01/2017		Pulp, Paper, and Paperboard	29	No	No	08701

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2.1.2	EPA-HQ-OW-2018-0618-0414	Commonwealth of Pennsylvania Department of Environmental Protection Bureau of Point and Non- point Source Management (CPDEPB). National Pollutant Discharge Elimination System Facility Permit for PA0008265 - Appvion Inc., Roaring Spring, PA - DCN 08702	NPDES Facility Permit for PA0008265 - Appvion Inc., Roaring Spring, PA.	Permit, Registration	CPDEPB	03/01/2017		Pulp, Paper, and Paperboard	44	No	No	08702
2.1.2	EPA-HQ-OW-2018-0618-0415	South Carolina Department of Health and Environmental Control (SCDHEC). National Pollutant Discharge Elimination System Facility Draft Permit for SC0049115 - First Quality Tissue SE LLC., Anderson, SC - DCN 08703	NPDES Facility Draft Permit for SC0049115 - First Quality Tissue SE LLC., Anderson, SC.	Permit, Registration	SCDHEC	01/01/2018		Pulp, Paper, and Paperboard	53	No	No	08703
2.1.2	EPA-HQ-OW-2018-0618-0415.1	South Carolina Department of Health and Environmental Control (SCDHEC). National Pollutant Discharge Elimination System Facility Draft Fact Sheet for SC0049115 - First Quality Tissue SE LLC., Anderson, SC - DCN 08703A1	NPDES Facility Draft Fact Sheet for SC0049115 - First Quality Tissue SE LLC., Anderson, SC.	Permit, Registration	SCDHEC	01/01/2018		Pulp, Paper, and Paperboard	44	No	No	08703A1

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2.1.2	EPA-HQ-OW-2018-0618-0416	South Carolina Department of Health and Environmental Control (SCDHEC). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for SC0000868 - International Paper Company Georgetown Mill, Georgetown, SC - DCN 08704	NPDES Facility Permit and Fact Sheet for SC0000868 - International Paper Company Georgetown Mill, Georgetown, SC.	Permit, Registration	SCDHEC	11/01/2016		Pulp, Paper, and Paperboard	122	No	No	08704
2.1.2	EPA-HQ-OW-2018-0618-0417	Tennessee Department of Environment and Conservation (TDEC). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for TN0002763 - Hood Container Corporation, Waverly, TN - DCN 08705	NPDES Facility Permit and Fact Sheet for TN0002763 - Hood Container Corporation, Waverly, TN.	Permit, Registration	TDEC	07/01/2014		Pulp, Paper, and Paperboard	55	No	No	08705
2.1.2	EPA-HQ-OW-2018-0618-0418	Tennessee Department of Environment and Conservation (TDEC). National Pollutant Discharge Elimination System Facility Permit and Fact Sheet for TN0002356 - Resolute Forest Products, Calhoun, TN - DCN 08706	NPDES Facility Permit and Fact Sheet for TN0002356 - Resolute Forest Products, Calhoun, TN.	Permit, Registration	TDEC	06/01/2015		Pulp, Paper, and Paperboard	100	No	No	08706

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2.1.2	EPA-HQ-OW-2018-0618-0490	Pulp and Paper 2015 DMR and TRI Concentration Data - DCN 08728	Workbook compilation of 2015 DMR and TRI nutrient discharge data for the pulp and paper industry. The spreadsheet is split up by discharge data by pounds and concentration discharge data. The two summary tabs at the start of the workbook provide overall statistics.	Data	Eastern Research Group (ERG)	12/01/2018		Pulp, Paper, and Paperboard	0	No	No	08728
2.1.2	EPA-HQ-OW-2018-0618-0498	NCASI Partial Response on EPA Inquiry Concerning 2015 TRI Reports for Nitrate and Ammonia from Select Pulp and Paper Mills - DCN 08741	Memorandum to Phillip Flanders, U.S. EPA, and Kimberly Bartell, ERG, from Paul Wiegand, National Council for Air and Stream Improvement, Inc. (NCASI) discussing 2015 TRI reports at pulp and paper mills for nitrate and ammonia releases.	Memorandum	NCASI	10/10/2017		Pulp, Paper, and Paperboard	14	No	No	08741
2.1.2	EPA-HQ-OW-2018-0618-0502	U.S. EPA Region 4 Pulp and Paper Facility Nutrient Data in NPDES Permits - DCN 08745	EPA Region 4 provided a summary of pulp and paper NPDES permits data for the region.	E-mail	Seiwert, C.	01/26/2018		Pulp, Paper, and Paperboard	2	No	No	08745

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2.1.2	EPA-HQ-OW-2018-0618-0503	Development Document for Effluent Limitations Guidelines and Standards for the Pulp, Paper, and Paperboard and the Builders' Paper and Board Mills Point Source Categories - DCN 08746	Development document for the ELGs promulgated for the pulp and paper industry in 1982.	Publication; USEPA	U.S. EPA	10/01/1982		Pulp, Paper, and Paperboard	684	No	No	08746
2.2	EPA-HQ-OW-2018-0618-0371	Environmental Engineering Support for Clean Water Regulations Programmatic Quality Assurance Project Plan (PQAPP) - DCN 08652	Quality assurance project plan for work performed for EAD under Contract EP-C-17-041.	Report	Eastern Research Group (ERG)	11/01/2018			232	No	No	08652
2.2	EPA-HQ-OW-2018-0618-0523	Nutrient Estimation Tool - Total Nitrogen Analysis - DCN 08729	Nutrient Estimation Tool database that estimates total nitrogen loads for facilities that do not report loads in the 2015 DMR dataset.	Data	Eastern Research Group (ERG)	12/01/2018			0	No	No	08729

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2.2	EPA-HQ-OW-2018-0618-0524	Nutrient Estimation Tool - Ammonia Analysis - DCN 08730	Nutrient Estimation Tool database that estimates ammonia loads for facilities that do not report loads in the 2015 DMR dataset.	Data	Eastern Research Group (ERG)	12/01/2018			0	No	No	08730
2.2	EPA-HQ-OW-2018-0618-0525	Nutrient Estimation Tool - Nitrate Analysis - DCN 08731	Nutrient Estimation Tool database that estimates nitrate loads for facilities that do not report loads in the 2015 DMR dataset.	Data	Eastern Research Group (ERG)	12/01/2018			0	No	No	08731
2.2	EPA-HQ-OW-2018-0618-0526	Nutrient Estimation Tool - Total Phosphorus Analysis - DCN 08732	Nutrient Estimation Tool database that estimates total phosphorus loads for facilities that do not report loads in the 2015 DMR dataset.	Data	Eastern Research Group (ERG)	12/01/2018			0	No	No	08732

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2.2	EPA-HQ-OW-2018-0618-0527	Nutrient Estimation Tool - Phosphate Analysis - DCN 08733	Nutrient Estimation Tool database that estimates phosphate loads for facilities that do not report loads in the 2015 DMR dataset.	Data	Eastern Research Group (ERG)	12/01/2018			0	No	No	08733
2.2	EPA-HQ-OW-2018-0618-0492	Nutrient Estimation Tool: Detailed Data Processing Steps - DCN 08735	Memo describing steps taken to estimate nutrient loads within the Nutrient Estimation Tool.	Memorandum	Eastern Research Group (ERG)	11/05/2018			17	No	No	08735
2.2	EPA-HQ-OW-2018-0618-0497	Total Nitrogen and Total Phosphorus in Pulp and Paper Biologically Treated Effluent by Alkaline Persulfate Digestion - DCN 08740	The trade association, NCASI, developed a sampling method for total nitrogen and total phosphorus in acid preserved pulp, paper, and paperboard mill biologically treated effluent.	Publication; Copyrighted Materials	NCASI	06/01/2011	NCASI. 2011. National Council for Air and Stream Improvement.	Pulp, Paper, and Paperboard	22	No	Yes	08740

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2.2	EPA-HQ-OW-2018-0618-0504	Method 350.1: Determination of Ammonia Nitrogen by Semi-Automated Colorimetry - DCN 08747	EPA 's sampling method for ammonia nitrogen by semi-automated colorimetry.	Publication; USEPA	U.S. EPA	08/01/1993			15	No	No	08747
2.2	EPA-HQ-OW-2018-0618-0505	Method 300.0: Determination of Inorganic Anions by Ion Chromatography - DCN 08748	EPA 's sampling method for inorganic ions by ion chromatography.	Publication; USEPA	U.S. EPA	08/01/1993			28	No	No	08748
2.2	EPA-HQ-OW-2018-0618-0506	Method 365.1, Revision 2.0: Determination of Phosphorus by Semi-Automated Colorimetry - DCN 08749	EPA 's sampling method for phosphorus by semi-automated colorimetry.	Publication; USEPA	U.S. EPA	08/01/1993			18	No	No	08749

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3	EPA-HQ-OW-2018-0618-0528	Facility Permit for NPDES AL0048593 - Decatur Utilities WWTP, Decatur, AL - DCN 08546	NPDES facility permit for Decatur Utilities in Morgan Count, AL - AL0048593.	Permit, Registration	Alabama Dept of Environmental Mgmt	02/02/2006		POTWs (Publicly Owned Treatment Works)	35	No	No	08546
3	EPA-HQ-OW-2018-0618-0350	Facility Permit for NPDES AL0020672 – Moulton WWTP, Moulton, AL - DCN 08547	NPDES Permit for Moulton Wastewater Treatment Plant in Moulton, AL - AL0020672.	Permit, Registration	Alabama Dept of Environmental Mgmt	07/31/2017		POTWs (Publicly Owned Treatment Works)	43	No	No	08547
3	EPA-HQ-OW-2018-0618-0351	Fate and Effects of Poly- and Perfluoroalkyl Substances in the Aquatic Environment: A Review - DCN 08548	Journal article presents a review of fate and effects of PFAS in the environment.	Publication Copyrighted Material	Ahrens, L., and M. Bundschuh	06/12/2014	Ahrens, L., and M. Bundschuh. 2014. Environ Toxicol chem 33:1921-1929.		9	No	Yes	08548

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3	EPA-HQ-OW-2018-0618-0352	Occurrence of Select Perfluoroalkyl Substances at U.S. Air Force Aqueous Film-Forming Foam Release Sites Other Than Fire-Training Areas: Field-Validation of Critical Fate and Transport Properties - DCN 08549	Journal Article presents results from an evaluation of select PFAS occurrences at non-FTA sites on active U.S. Air Force installations with historic AFFF use of varying magnitude.	Publication; Copyrighted Materials	Anderson, R.H. et al.	01/16/2016	Anderson, R.H., Long, G.C., Porter, R.C., and J.K. Anderson. 2016. Chemosphere 150 (2016) 678-685.		8	No	Yes	08549
3	EPA-HQ-OW-2018-0618-0353	Treatment of Poly- and Perfluoroalkyl Substances in U.S. Full-Scale Water Treatment Systems - DCN 08550	This study measured concentrations of PFAS in 18 raw drinking water sources and two treated wastewater effluents and evaluated 15 full-scale treatment systems for the attenuation of PFAS in water treatment utilities throughout the U.S. A liquid-chromatography tandem mass-spectrometry method was used to enable measurement of a suite of 23 PFASs, including perfluorocarboxylic acids (PFCAs) and perfluorosulfonic acids (PFSAs).	Publication; Copyrighted Materials	Appleman, T.D. et al.	11/07/2013	Appleman, T., Higgins, C., Quinones, O., Vanderford, B., Kolstad, C., Zeigler-Holady, J., and E. Dickenson. 2014. Water Res., 51, 2014, 246-255.	POTWs (Publicly Owned Treatment Works)	10	No	Yes	08550
3	EPA-HQ-OW-2018-0618-0354	Perfluorinated Chemicals (PFCs): Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfonate (PFOS) Information Paper - DCN 08551	ASTSWMO paper provides general information on PFAS including its manufacture and uses, environmental fate and transport, health and environmental affects, analytical and treatment methods, state and federal guidelines, and further developments and studies.	Publication	ASTSWMO	08/01/2015	Association of State and Territorial Solid Waste Management Officials. 2015. Remediation and Reuse Focus Group Federal Facilities Research Center.		68	No	Yes	08551

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3	EPA-HQ-OW-2018-0618-0355	Draft Toxicological Profile for Perfluoroalkyls - DCN 08552	Report presents the ATSDR toxicological profile, which succinctly characterizes the toxicologic and adverse health effects information, for these toxic substances described within.	Publication; Other Governmental	U.S. Dept of Health and Human Services	08/01/2015		Battery Manufacturing	574	No	No	08552
3	EPA-HQ-OW-2018-0618-0356	A Review of Contamination of Surface-, Ground-, and Drinking Water in Sweden by Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) - DCN 08554	Presents state of knowledge on PFAS occurrence in Sweden and potential sources.	Publication; Copyrighted Materials	Banzhaf, S. et al.	11/14/2016	Banzhaf, S., Filipovic M., Lewis J., Sparrenbom C.J., and R. Barthel. 2017. Ambio.	Drinking Water Treatment	12	No	Yes	08554
3	EPA-HQ-OW-2018-0618-0357	Per- and Polyfluoroalkyl Substances in Landfill Leachate: Patterns, Time Trends, and Sources - DCN 08555	Paper presents results from a 5-month monitoring study of PFAS in municipal landfill leachate.	Publication; Copyrighted Materials	Benskin, J.P. et al.	10/03/2012	Benskin, J.P., Li, B., Ikonomou M.G., Grace, J.R., and L.Y. Li. 2012. (October).	Landfills	9	No	Yes	08555

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3	EPA-HQ-OW-2018-0618-0379	Use of PFOS in Chromium Plating – Characterization of Closed-Loop Systems, Use of Alternative Substances - DCN 08556	Report presents information on the uses of PFOS in electroplating and initial recommendations for updating the EU POP regulation.	Publication; Other Governmental	Blepp, M., Willand, W., and Weber, R.	11/01/2015	Blepp, M., Willand, W., Weber, R., 2015. Federal Environment Agency, Germany. Project number 55 567.	Metal Finishing	55	No	Yes	08556
3	EPA-HQ-OW-2018-0618-0421	Floored by Fluorochemicals: EPA Lags Labs in Testing Protocols - DCN 08557	Article summarizes commercial lab efforts to develop protocols for testing PFAS compounds in consumer products.	Publication; Copyrighted Materials	Bloomberg	01/08/2018	Bloomberg. 2018. Floored by Fluorochemicals: EPA Lags Labs in Testing Protocols. (January 8).		11	No	Yes	08557
3	EPA-HQ-OW-2018-0618-0422	The Madrid Statement on Poly- and Perfluoroalkyl Substances (PFAS) - DCN 08558	Scientists issued and signed the Madrid Statement on PFAS to inform the public on occurrence and risks associated with the chemical and provide recommendations to governments to mitigate the issues.	Publication; Copyrighted Materials	Blum, A. et al.	05/01/2015	Blum A, Balan S, Scheringer M, Trier X, Goldenman G, Cousins I, Diamond M, Fletcher T, Higgins C, et al. 2015. Environmental Health Perspectives.		5	No	Yes	08558

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3	EPA-HQ-OW-2018-0618-0423	Perfluoroalkyl sulfonates and perfluorocarboxylates in two wastewater treatment facilities in Kentucky and Georgia - DCN 08559	In this study, contamination profiles of perfluorinated compounds (PFCs) and perfluoroalkyl carboxylates (PFACs), were determined in samples collected at various stages of wastewater treatment during different seasons at two WWTPs, one rural (Plant A, Kentucky) and one urban (Plant B, Georgia).	Publication; Copyrighted Materials	Loganathana, B.G. et al.	06/22/2007	Loganathana, B.G., Sajwan, K.S., Sinclair, E., Kumarb, K.S., and K. Kannan. 2007. Water Research. Volume 41, Issue 20, Pages 4611-4620.	POTWs (Publicly Owned Treatment Works)	10	No	Yes	08559
3	EPA-HQ-OW-2018-0618-0431	Perfluoroalkyl and Polyfluoroalkyl Substances in the Environment: Terminology, Classification, and Origins - DCN 08560	This article provides an overview of perfluoroalkyl and polyfluoroalkyl substances (PFASs) detected in the environment, wildlife, and humans, and recommend clear, specific, and descriptive terminology, names, and acronyms for PFASs.	Publication; Copyrighted Materials	Buck, R.C.et al.	05/01/2011	Buck, R.C., et al. 2011. Integrated Environmental Assessment and Management. 7(4): 513-541. (May).		29	No	Yes	08560
3	EPA-HQ-OW-2018-0618-0432	2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid [Et-PFOSA-AcOH] - DCN 08561	The Biomonitoring California site lists the name of the chemical, associated CAS # and links to additional chemical information.	Guidance; Other Governmental	California Government	01/01/2019	California Government 2017. Available online: http://biomonitoring.ca.gov/chemicals/2-n-ethyl-perfluorooctane-sulfonamido-acetic-acid-et-pfosa-acoh .		4	No	Yes	08561

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3	EPA-HQ-OW-2018-0618-0433	2-(N-Methyl-perfluorooctane sulfonamido) acetic acid [Me-PFOSA-AcOH] - DCN 08562	The Biomonitoring California site lists the name of the chemical, associated CAS # and links to additional chemical information.	Guidance; Other Governmental	California Government	01/01/2019	California Government. 2017. Available online: http://biomonitoring.ca.gov/chemicals/2-n-methyl-perfluorooctane-sulfonamido-acetic-acid-me-pfosa-acoh .		4	No	Yes	08562
3	EPA-HQ-OW-2018-0618-0434	68391-08-2(Perfluoro-c8-14-alkylalcohols) Product Description - DCN 08563	Online database with a description of Perfluoro-c8-14-alkylalcohols, including CAS number and other information.	Publication; Copyrighted Materials	Chemical Book	01/01/2018	Chemical Book. 2018. 68391-08-2(Perfluoro-c8-14-alkylalcohols) Product Description.		2	No	Yes	08563
3	EPA-HQ-OW-2018-0618-0435	Facts on C-8 Litigation - DCN 08564	Facts about a series of trials related to the manufactured chemical C-8.	Fact/Data Sheet	Chemours	01/01/2018		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	3	No	No	08564

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3	EPA-HQ-OW-2018-0618-0436	Industrial Aspects of Fluorinated Oligomers and Polymers - DCN 08565	A general overview of fluorinated oligomers and polymers and their role in industrial applications.	Publication; Copyrighted Materials	Dams, R. and K. Hintzer	11/04/2016	Dams, R. and K. Hintzer. 2016. Industrial Aspects of Fluorinated Oligomers and Polymers. RSC Polymer Chemistry Series No. 24.		31	No	Yes	08565
3	EPA-HQ-OW-2018-0618-0452	Short-chain Polyfluoroalkyl Substances (PFAS) - DCN 08566	Results of a Danish EPA study which included a review of open literature on exposure and impacts on human health and the environment of short-chain PFAS and an assessment of possible impacts of short-chain PFAS compared to long-chain PFAS	Publication; Other Governmental	The Danish Environmental Protection Agcy	01/01/2015			106	No	No	08566
3	EPA-HQ-OW-2018-0618-0453	Estimated inventory of PFOS-based Aqueous Film Forming Foam (AFFF) - DCN 08567	Estimate of how much PFOS-based AFFF (AFFF manufactured by 3M prior to 2002) has been consumed in the past seven years, or, stated differently, estimate how much PFOS-based AFFF still remains in the United States in 2011.	Publication	Darwin, R.	01/01/2011		Fire Fighting Foam	18	No	No	08567

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3	EPA-HQ-OW-2018-0618-0454	Transport of ammonium perfluorooctanoate in environmental media near a fluoropolymer manufacturing facility - DCN 08568	Focused investigation of environmental media near a fluoropolymer manufacturing facility. Study performed to better understand the pathways for transport of ammonium perfluorooctanoate discharged via air emissions into local soil.	Publication; Copyrighted Materials	Davis, K. et al.	01/01/2007	Davis, K.L., Aucoin, M.D., Larsen, B.S., Kaiser, M.A., Hartten, A.S., 2007. Chemosphere 67, 2011–2019.	Point Source Ammonium Perfluorooctanoate (APFO) Manufacturing Facilities	9	No	Yes	08568
3	EPA-HQ-OW-2018-0618-0455	DuPont Completes Spin-off of The Chemours Company - DCN 08569	DuPont announced it has completed the separation of its Performance Chemicals segment through the spin-off of The Chemours Company (Chemours).	Publication; Copyrighted Materials	Dupont	07/01/2015	DuPont. 2015. Dupont Completes Spin-off of The Chemours Company.	OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	2	No	Yes	08569
3	EPA-HQ-OW-2018-0618-0456	Community Exposure to Perfluorooctanoate: Relationships Between Serum Levels and Certain Health Parameters - DCN 08570	Determine whether certain biomarkers of toxicity and/or a past diagnosis of liver or thyroid disease were associated with serum perfluorooctanoate concentrations [PFOA] in a community with longstanding environmental exposure to PFOA.	Publication; Copyrighted Materials	Emmett E.A. et al.	08/01/2006	Emmett, E.A., et al., 2006. J Occup Environ Med. 48(8) 771-779. (August).	OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	15	No	Yes	08570

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3	EPA-HQ-OW-2018-0618-0557	Perfluorooctane Sulfonate and its Salts and Certain Other Compounds Regulations (PFOS Regulations) - DCN 08571	Canadian PFOS regulations and exemptions summary	Publication; Other Governmental	Environment Canada	01/01/2013		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	2	No	No	08571
3	EPA-HQ-OW-2018-0618-0558	Environmental Engineering Support for Clean Water Regulations Programmatic Quality Assurance Project Plan (PQAPP) - DCN 08572	PQAPP covers the collection, generation, evaluation, analysis, and use of environmental data.	Publication	Eastern Research Group (ERG)	10/01/2013			244	No	No	08572
3	EPA-HQ-OW-2018-0618-0559	Microsoft Access Database for the Review of 2016 DMR PFAS Data - DCN 08573	Database with PFAS production facility locational data and wastewater statistics.	Data	Eastern Research Group (ERG)	01/01/2016		PFAS Manufacturing Facilities	1	No	No	08573

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3	EPA-HQ-OW-2018-0618-0561	Paper Mills as a Significant Source of PFAS Contamination, But Who's Watching? - DCN 08574	Blog publication detailing concerns related to PFAS in drinking water and the steps being taken by government agencies to address these concerns. Includes recommendations from EDF.	Publication; Copyrighted Materials	Environmental Defense Fund	05/21/2018	EDF. 2018. Environmental Defense Fund. Paper Mills as a Significant Source of PFAS Contamination, But Who's Watching?		9	No	Yes	08574
3	EPA-HQ-OW-2018-0618-0562	Mapping a Contamination Crisis: PFCs Pollute Tap Water for 15 Million People, Dozens of Industrial Sites - DCN 08575	Attempt to quantify the extent of PFC contamination of U.S. communities via an interactive map that combines federal drinking water data and information on all documented cases of PFAS pollution	Publication; Copyrighted Materials	EWG	01/01/2017	EWG. 2017. Mapping a Contamination Crisis: PFCs Pollute Tap Water for 15 Million People, Dozens of Industrial Sites. (June 8).	PFAS Manufacturing Facilities	7	No	Yes	08575
3	EPA-HQ-OW-2018-0618-0563	Dossier- Per-and polyfluoroalkyl substances (PFAS) - DCN 08576	Provides background information on PFAS including toxicity, chemical synthesis, application, monitoring, environmental issues and current regulations.	Publication	Geueke, B.	01/01/2016		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	13	No	No	08576

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3	EPA-HQ-OW-2018-0618-0564	A Modeling Assessment of the Physicochemical Properties and Environmental Fate of Emerging and Novel Per- and Polyfluoroalkyl Substances - DCN 08577	Study to determine whether short chain homologue alternatives are any more beneficial than long chain PFCAs in terms of environmental persistence and mobility.	Publication; Copyrighted Materials	Gomis M.I. et al.	11/08/2014	Gomis, M.I., et al. 2014. Science of the Total Environment. 505 (2015): 981-991.		11	No	Yes	08577
3	EPA-HQ-OW-2018-0618-0565	Comparing the toxic potency in vivo of long-chain perfluoroalkyl acids and fluorinated alternatives - DCN 08578	Toxic and bio-accumulative evaluation of fluorinated alternatives with respect to the long-chain perfluoroalkyl acids (PFAAs) that they are replacing.	Publication; Copyrighted Materials	Gomis M.I. et al.	01/15/2018	Gomis, M.I., et al. 2018. Science of Total Environment. 113 (2018): 1-9.		9	No	Yes	08578
3	EPA-HQ-OW-2018-0618-0457	Telephone and Email Communication between Julie Grzyb, North Carolina DEQ, and Kimberly Bartell, Eastern Research Group, Inc. - DCN 08579	Conversation with NPDES supervisor discussing concern about PFAS discharges in NC, OPCSF Industry background, analytics, and state monitoring of PFAS discharges.	E-Mail	Grzyb, Julie	12/12/2017		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	2	No	No	08579

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3	EPA-HQ-OW-2018-0618-0458	Poly-and perfluoroalkyl substances in wastewater: Significance of unknown precursors, manufacturing shifts, and likely AFFF impacts - DCN 08580	PFAS assessment of water samples collected from 8 different wastewater treatment plants in the SF Bay area.	Publication; Copyrighted Materials	Hout, E.F. et al.	03/10/2016	Houtz, E.F., Sutton, R., Park, J.S. and Sedlak, M. 2016. Water research, 95, 142-149.	POTWs (Publicly Owned Treatment Works)	8	No	Yes	08580
3	EPA-HQ-OW-2018-0618-0459	Technical Resources for Addressing Environmental Releases of Per- and Polyfluoroalkyl Substances (PFAS). - DCN 08581	Fact sheets summarizing the latest science and emerging technologies for per- and polyfluoroalkyl substances (PFAS), tailored to meet needs of regulators.	Fact/Data Sheet	Interstate Technology Regulatory Council	11/01/2017			47	No	No	08581
3	EPA-HQ-OW-2018-0618-0460	GAC Plant Status - DCN 08582	Little Hocking Water Association (LHWA) urged DuPont to move forward with construction and operation of DuPont's proposed carbon treatment facility to remove C8 from the LHWA water supply.	Publication	LHWA	12/05/2006		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	3	No	No	08582

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3	EPA-HQ-OW-2018-0618-0461	Application of WWTP Biosolids and Resulting Perfluorinated Compound Contamination of Surface and Well Water in Decatur, Alabama, USA - DCN 08583	Describes a situation in Decatur, Alabama where PFC contaminated biosolids from a local municipal wastewater treatment facility that had received waste from local fluorochemical facilities were used as a soil amendment in local agricultural fields for as many as twelve years. Soil samples were taken and showed elevated PFC concentrations.	Publication; Copyrighted Materials	Lindstrom, A. et al.	04/22/2011	Lindstrom, A., Strynar, M., Delinksy, A., Nakayama, S., McMillan, L., Libelo, E., et al. 2011. Environ. Sci. Technol. 2011, 45, 8015–8021.	POTWs (Publicly Owned Treatment Works)	7	No	Yes	08583
3	EPA-HQ-OW-2018-0618-0462	Telephone and Email Communication between John Lockhart, West Virginia DEP, and Kim Bartell, ERG. Re: PFAS Discharges in West Virginia (December 12) - DCN 08584	Phone call to gather information from WVDEP on current discharges from various industry categories (OCPSF, refineries, POTWs) to determine whether or not revisions to or development of guidelines may be appropriate.	E-Mail	Lockhart J.	12/12/2017			5	No	No	08584
3	EPA-HQ-OW-2018-0618-0463	Telephone and Email Communication between John Lockhart, West Virginia DEP, and Kim Bartell, ERG. Re: DuPont and Chemours Facilities in Washington, West Virginia. (June 28) - DCN 08585	Permit clarification from WVDEP regarding DuPont site in Washington, WV.	E-Mail	Lockhart J.	06/28/2017			1	No	No	08585

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3	EPA-HQ-OW-2018-0618-0464	The military plans to examine whether chemicals from firefighting foam may have contaminated groundwater at 664 sites nationwide, officials say - DCN 08586	Military will examine hundreds of sites nationwide to determine whether chemicals from foam used to fight fires have contaminated groundwater and spread to drinking water.	Publication	McDermott J.	03/10/2016		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	13	No	No	08586
3	EPA-HQ-OW-2018-0618-0465	Facility Permit and Fact Sheet for NPDES MN0030007 – Seneca WWTP, Dakota County, MN - DCN 08587	NPDES permit and discharge data for Seneca WWTP, Dakota County, MN	Fact/Data Sheet	Minnesota Pollution Control Agency	12/09/2008		POTWs (Publicly Owned Treatment Works)	95	No	No	08587
3	EPA-HQ-OW-2018-0618-0466	Facility Permit and Fact Sheet for NPDES MN0029882 – Blue Lake WWTP, Scott County, MN - DCN 08588	NPDES permit and discharge data for Blue Lake WWTP, Scott County, MN	Fact/Data Sheet	Minnesota Pollution Control Agency	06/23/2009		POTWs (Publicly Owned Treatment Works)	77	No	No	08588

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3	EPA-HQ-OW-2018-0618-0467	Facility Permit and Fact Sheet for NPDES MN0000256 – Saint Paul Park Refining, St. Paul Park, MN - DCN 08589	NPDES permit and fact sheet for Saint Paul Park Refining, St. Paul Park, MN	Fact/Data Sheet	Minnesota Pollution Control Agency	06/03/2014		Petroleum Refining	101	No	No	08589
3	EPA-HQ-OW-2018-0618-0468	Facility Permit and Fact Sheet for NPDES MN0029815 – Metropolitan WWTP, St. Paul, MN - DCN 08590	NPDES permit and fact sheet for Metropolitan WWTP, St. Paul, MN	Fact/Data Sheet	Minnesota Pollution Control Agency	09/11/2015		POTWs (Publicly Owned Treatment Works)	106	No	No	08590
3	EPA-HQ-OW-2018-0618-0469	Facility Permit for NC0003573 – Chemours Company, Fayetteville, NC - DCN 08591	NPDES permit and fact sheet for Chemours Company, Fayetteville, NC	Fact/Data Sheet	North Carolina DEQ	07/01/2015		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	8	No	No	08591

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3	EPA-HQ-OW-2018-0618-0470	GenX Investigation - DCN 08592	Investigation and response by NC DEQ into Gen X compound appearing in the Cape Fear River in June 2017	Publication; Other Governmental	North Carolina DEQ	01/01/2017		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	4	No	No	08592
3	EPA-HQ-OW-2018-0618-0471	Heptafluorobutyric Acid. Compound summary. Compound summary - DCN 08593	Chemical compound summary of heptafluorobutyric acid. Includes: chemical properties, names, identifiers, safety and hazards, and vendors	Publication	National Institutes of Health	04/01/2017			19	No	No	08593
3	EPA-HQ-OW-2018-0618-0472	Telephone and Email Communication between Eric Nygaard, Ohio EPA, and Anna Dimling, Eastern Research Group, Inc. - DCN 08594	Email and telephone calls discussing PFAS discharges in Ohio	E-Mail	Nygaard, Eric	12/14/2017			7	No	No	08594

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3	EPA-HQ-OW-2018-0618-0473	Synthesis Paper on Per- and Polyfluorinated chemicals (PFCS) - DCN 08595	PFAS historical background, scientific analysis of adverse effects, recent developments, and PFAS regulatory approaches	Publication	OECD	01/01/2013			60	No	No	08595
3	EPA-HQ-OW-2018-0618-0474	Facility Permit for NPDES OH0139696 – The Chemours Company - DCN 08596	NPDES permit and fact sheet for Chemours Company FC LLC	Fact/Data Sheet	Ohio EPA	10/08/2014		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	19	No	No	08596
3	EPA-HQ-OW-2018-0618-0475	PFC Contamination in Danish Groundwater, Lessons Learnt from a Treatment Unit and a (Brief) Review of Alternative Treatment Options - DCN 08597	Project presentation proposing steps be taken to identify potential point sources of groundwater pollution with PFC and perform investigations at relevant sites in Denmark.	Meeting Materials	Orbicon	06/24/2015		Airports	23	No	No	08597

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3	EPA-HQ-OW-2018-0618-0360	Occurrence of Perfluorinated Compounds in Raw Water from NewJersey Public Drinking Water Syste - DCN 08598	2009 study of the occurrence of PFOA, PFOS, and eight other perfluorinated compounds (PFCs) in raw water samples from 30 intakes (18 groundwater and 12 surface water) from 29 additional NJ public drinking water systems.	Publication; Copyrighted Materials	Post G.B. et al.	11/04/2013	Post, G.B., Louis, J.B., Lippincott, R.L., and N.A. Procopio. 2013. Environmental Science Technology, 2013. 47, 13266-13275.		10	No	Yes	08598
3	EPA-HQ-OW-2018-0618-0361	PubChem Database - DCN 08599	Chemical compound, substance, and bioassay search database	Data	PubChem	01/01/2016			0	No	No	08599
3	EPA-HQ-OW-2018-0618-0362	Behavior and fate of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in drinking water treatment: A review - DCN 08600	Reviews perfluoroalkyl and polyfluoroalkyl substance (PFAS) characteristics, their occurrence in surface water, and their fate in drinking water treatment processes.	Publication; Copyrighted Materials	Rahman, M.F. et al.	10/26/2013	Rahman, M.F., Peldszus, S., and W.B. Anderson. 2014. Water Research 50, 318-340.	Drinking Water Treatment	23	No	Yes	08600

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3	EPA-HQ-OW-2018-0618-0363	Telephone and Email Communication between Scott Ramsey, ADEM, and Kimberly Bartell, Eastern Research Group, Inc., Re: PFAS Discharges in Alabama - DCN 08601	Call with Scott Ramsey discussing PFC monitoring requirements for PFOA manufacturers in Alabama.	E-Mail	Ramsey, Scott	12/05/2017		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	2	No	No	08601
3	EPA-HQ-OW-2018-0618-0364	2017 Telephone and Email Communication between Matthew Richardson, Virginia DEQ, and Anna Dimling, Eastern Research Group, Inc., Re: PFAS Discharges in Virginia - DCN 08602	Discussion regarding PFAS discharges in Virginia and VA DEQ PFAS environmental concerns.	E-Mail	Richardson, Matthew	12/06/2017			6	No	No	08602
3	EPA-HQ-OW-2018-0618-0365	Temporal trends for inflow of perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA) to Tokyo Bay, Japan, estimated by a receptor-oriented approach. Science of The Total Environment - DCN 08603	Comparison of inflow rates of PFOS/PFOA to Tokyo Bay in 2004 vs 2011. Analysis noted large contributions from point source industrial dischargers.	Publication; Copyrighted Materials	Sakurai, T. et al.	01/01/2016	Sakurai, T., Serizawa, S., Kobayashi, J., Kodama, K., Lee, J., et al. 2016. Science of The Total Environment, 539 (1), January 2016, pp 277–285.		10	No	Yes	08603

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3	EPA-HQ-OW-2018-0618-0366	Fluorinated Alkyl Surfactants - DCN 08604	Analysis and occurrence of fluorinated alkyl substances that have been observed in the environment. Fluorinated alkyl substances were identified and quantified in groundwaters, surface waters, wastewaters, and air samples.	Publication; Copyrighted Materials	Schultz, M., Barofsky, D., and J. Filed	01/01/2003	Schultz, M., Barofsky, D., and J. Filed. 2003. Fluorinated Alkyl Surfactants. Environmental Engineering Science, Vol. 20, No. 4. (September).	OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	15	No	Yes	08604
3	EPA-HQ-OW-2018-0618-0367	Mass Loading and Fate of Perfluoroalkyl Surfactants in Wastewater Treatment Plants - DCN 08605	Study measured concentrations and fate of several PASs in six wastewater treatment plants (WWTPs) in New York State. Study also monitored and measured matrix effects (ionization suppression and enhancement) by post column infusion and standard additions.	Publication; Copyrighted Materials	Sinclair, E., Kannan, K.	01/01/2006	Sinclair, E., and K. Kannan. 2006. Env. Sci. Technol. 40, 1408–1414.	POTWs (Publicly Owned Treatment Works)	7	No	Yes	08605
3	EPA-HQ-OW-2018-0618-0368	The Phase-out of Perfluorooctane Sulfonate (PFOS) and the Global Future of Aqueous Film Forming Foam (AFFF), Innovations in Fire Fighting Foam - DCN 08606	Historical regulations and new chemical alternatives concerning fire fighting foams.	Publication; Copyrighted Materials	Sontake, A.R. and S.M. Wagh	01/01/2014	Sontake, A.R. and S.M. Wagh. 2014. Chemical Engineering and Science. 2(1): 11-14.		4	No	Yes	08606

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3	EPA-HQ-OW-2018-0618-0369	Notifications of Articles in use - DCN 08607	Table listing notifications of articles in use by party, chemical, article, date, and comment.	Fact/Data Sheet	Stockholm Convention	01/01/2016			4	No	No	08607
3	EPA-HQ-OW-2018-0618-0370	Request for Immediate Governmental Action/Regulation Relating to DuPont's C8 Releases in Wood County, WV - DCN 08608	Request to governmental agencies to intervene in Tennants' pending lawsuit and order investigation, assessment, containment, removal, and remediation of DuPont's C-8 releases into the environment from Dry Run Landfill.	Letter	Taft, Stettinius & Hollister	04/06/2001		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	73	No	No	08608
3	EPA-HQ-OW-2018-0618-0392	Telephone and Email Communication between Jeff Udd, Minnesota Pollution Control Agency, and Anna Dimling, Eastern Research Group, Inc., Re: PFAS Discharges in Minnesota - DCN 08609	Discussion regarding PFAS discharges in Minnesota and MPCA PFAS environmental concerns.	E-Mail	Udd, Jeff	12/14/2017			2	No	No	08609

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3	EPA-HQ-OW-2018-0618-0393	Getting on with persistent pollutants: Decreasing trends of perfluoroalkyl acids (PFAAs) in sewage sludge - DCN 08610	Investigation into sewage sludge and its PFAA concentration. Trends demonstrated a decrease in PFAAs concentration over time for the majority of tested plants however some plants saw an increase in PFAAs concentration.	Publication; Copyrighted Materials	Ulrich, H., Freier, K.P., and M. Gierig	07/26/2016	Ulrich, H., Freier, K.P., and M. Gierig. 2016. Chemosphere, 161, 2016, 527-535.	POTWs (Publicly Owned Treatment Works)	9	No	Yes	08610
3	EPA-HQ-OW-2018-0618-0394	Report of the Persistent Organic Pollutants Review Committee on the work of its sixth meeting, Addendum, Guidance on alternatives to perfluorooctane sulfonic acid and its derivatives - DCN 08611	Persistent Organic Pollutants Review Committee endorsed guidance on alternatives to perfluorooctane sulfonate and its derivatives.	Publication	UNEP	11/08/2011			44	No	No	08611
3	EPA-HQ-OW-2018-0618-0395	A Bill to Amend the Safe Water Drinking Act to Require the Administrator of the EPA to Establish Maximum Contaminant Levels for Certain Contaminants, and for Other Purposes - DCN 08612	A bill to amend the Safe Drinking Water Act to require the Administrator of the Environmental Protection Agency to establish maximum contaminant levels for certain contaminants (PFCs, Dioxane, Perchlorate), and for other purposes.	Publication; Other Governmental	U.S. Congress	01/01/2017			3	No	No	08612

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3	EPA-HQ-OW-2018-0618-0396	Perfluoroalkyl Sulfonates; Significant New Use Rule - DCN 08613	EPA is issuing a significant new use rule for 75 substance including several Perfluoroalkyls.	Publication; USEPA	U.S. EPA	12/09/2002			14	No	No	08613
3	EPA-HQ-OW-2018-0618-0397	Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) - DCN 08614	Methodology and PFAAs concentration results from water testing via Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS).	Publication; USEPA	U.S. EPA	01/01/2009			50	No	No	08614
3	EPA-HQ-OW-2018-0618-0398	Technical Users Background Document for the Discharge Monitoring Report (DMR) Pollutant Loading Tool - DCN 08615	Documents the EPA DMR Pollutant Loading Tool development by describing the objectives and requirements, development procedure, calculation methodologies, user querying capabilities, and quality assurance steps.	Publication; USEPA	U.S. EPA	01/01/2012			143	No	No	08615

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3	EPA-HQ-OW-2018-0618-0399	The 2012 Annual Effluent Guidelines Review Report - DCN 08616	Evaluates new hazard data sources and initiates a review of new treatment technologies. EPA also identifies new pollutants of concern and industrial discharges in waste categories not currently regulated.	Publication; USEPA	U.S. EPA	01/01/2014			246	No	No	08616
3	EPA-HQ-OW-2018-0618-0550	Significant New Use Rules: Long-Chain Perfluoroalkyl Carboxylate and Perfluoroalkyl Sulfonate Chemical Substances - DCN 08617	EPA is proposing to amend a significant new use rule for long-chain perfluoroalkyl carboxylate (LCPFAC) chemical substances and amend a present significant new use rule relating to PFAS.	Publication; USEPA	U.S. EPA	01/01/2015		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	14	No	No	08617
3	EPA-HQ-OW-2018-0618-0400	What are PFCs and How Do They Relate to Per- and Polyfluoroalkyl Substances (PFAS)? - DCN 08618	Definitions of PFCs and how they compare to PFAS.	Publication; USEPA	U.S. EPA	01/01/2016			2	No	No	08618

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3	EPA-HQ-OW-2018-0618-0401	How to Report Under Chemical Data Reporting - DCN 08619	Instructions on submitting information to EPA for the 2016 Chemical Data Reporting (CDR) period. Includes on who must report and reporting obligations.	Publication; USEPA	U.S. EPA	01/01/2016			3	No	No	08619
3	EPA-HQ-OW-2018-0618-0402	Drinking Water Health Advisory for Perfluorooctanoic Acid - DCN 08620	EPA regulatory approach for certain PFOA uses and short chain alternatives to current long chain PFAS substances.	Publication; USEPA	U.S. EPA	01/01/2016			2	No	No	08620
3	EPA-HQ-OW-2018-0618-0424	Drinking Water Health Advisory for Perfluorooctane Sulfonate (PFOS) (May 2016) - DCN 08621	EPA released lifetime health advisories and health effect support documents for PFOA and PFOS.	Publication; USEPA	U.S. EPA	01/01/2016			2	No	No	08621

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3	EPA-HQ-OW-2018-0618-0425	Fact Sheet: 2010/2015 PFOA Stewardship Program - DCN 08622	Question and answer sheet regarding EPAs PFOA stewardship program.	Fact/Data Sheet	U.S. EPA	01/01/2017			7	No	No	08622
3	EPA-HQ-OW-2018-0618-0551	EPA Launches Cross-Agency Effort to Address PFAS - DCN 08623	EPA announces cross-agency efforts to address PFAS	Publication; USEPA	U.S. EPA	01/01/2017			2	No	No	08623
3	EPA-HQ-OW-2018-0618-0552	Challenges in Measuring Perfluorinated Compounds (PFCs) - DCN 08624	List of drinking water sampling methods.	Publication; USEPA	U.S. EPA	01/01/2017			1	No	No	08624

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3	EPA-HQ-OW-2018-0618-0553	2016 Chemical Data Reporting Results - DCN 08625	Data includes national production volume (released in ranges), other manufacturing information, and processing and use information, except for CBI.	Publication; USEPA	U.S. EPA	01/01/2017			4	No	No	08625
3	EPA-HQ-OW-2018-0618-0554	The Third Unregulated Contaminant Monitoring Rule (UCMR3) Data Summary, January 2017 - DCN 08626	Description of UCMR 3, used to collect data for contaminants suspected to be present in drinking water, but that do not have health-based standards set under the Safe Drinking Water Act (SDWA).	Publication; USEPA	U.S. EPA	01/01/2017			12	No	No	08626
3	EPA-HQ-OW-2018-0618-0426	Per- and Polyfluoroalkyl Substances (PFAS): What EPA is Doing - DCN 08627	Description of EPA efforts since 2000 to phase out PFOA and PFOS, and to reduce the environmental and human health impacts of other PFASs.	Publication; USEPA	U.S. EPA	01/01/2018			9	No	No	08627

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3	EPA-HQ-OW-2018-0618-0427	Basic Information on PFAS - DCN 08628	Establishes where PFAS can be found, differences between PFOA, PFOS, and GenX as potential replacement chemicals, and exposure routes.	Publication; USEPA	U.S. EPA	01/01/2018			3	No	No	08628
3	EPA-HQ-OW-2018-0618-0428	New Chemicals Program Review of Alternatives for PFOA and Related Chemical - DCN 08629	EPA review of potential substitutes for PFOA, PFOS, and PFAS for EPA's new chemical program.	Publication; USEPA	U.S. EPA	01/01/2018			3	No	No	08629
3	EPA-HQ-OW-2018-0618-0429	Drinking Water Treatability Database: Per- and Polyfluoroalkyl Substances - DCN 08630	Water treatability database including PFAS removal statistics.	Publication; USEPA	U.S. EPA	01/01/2018			2	No	No	08630

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3	EPA-HQ-OW-2018-0618-0430	Drinking Water Health Advisories for PFOA and PFOS - DCN 08631	EPA health advisory including information on the health effects and treatment technologies related to PFOA and PFOS in drinking water.	Publication; USEPA	U.S. EPA	01/01/2016			4	No	No	08631
3	EPA-HQ-OW-2018-0618-0437	Indirect Food Additives: Paper and Paperboard Components Final Rule - DCN 08633	Federal Register detailing Paper and Paperboard Components Final Rule (background, environmental impact, regulation)	Publication; Other Governmental	U.S. FDA	01/04/2016			4	No	No	08633
3	EPA-HQ-OW-2018-0618-0438	Update on Perfluorinated Grease-proofing Agents - DCN 08634	Following FDA's investigation into C8 compounds used in food wrappers, manufacturers are voluntarily ceasing production of C8 perfluorinated compounds.	Publication; Other Governmental	U.S. FDA	02/09/2018		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	2	No	No	08634

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3	EPA-HQ-OW-2018-0618-0439	Fluorinated alternatives to long-chain perfluoroalkyl carboxylic acids (PFCAs) perfluoroalkane sulfonic acids (PFSAs) and their potential precursors - DCN 08635	Evaluation of PFCA and PFSA alternatives, article determines that based on limited knowledge it is unclear whether alternatives are safe for humans and the environment.	Publication; Copyrighted Materials	Wang, Z., et al	10/26/2013	Wang, Z., et al. 2013. Environment International.	OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	7	No	Yes	08635
3	EPA-HQ-OW-2018-0618-0440	Abiotic hydrolysis of fluorotelomer polymers as a source of perfluorocarboxylates at the global scale - DCN 08636	Results suggest that FTPs manufactured to date potentially could increase PFCAs 4- to 8-fold over current oceanic loads, largely depending on the integrity of disposal units to contain PFCAs upon hydrolytic generation from FTPs.	Publication; Copyrighted Materials	Washington JW, Jenkins TM	11/03/2015	Washington J.W. and T.M. Jenkins . 2015. Environ. Sci. Technol. 49: 14129–14135. PMID 26526296.DOI:10.1021/acs.est.5b03686.	OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	7	No	Yes	08636
3	EPA-HQ-OW-2018-0618-0441	DuPont Settles PFOA Class-Action Lawsuit in West Virginia, Ohio - DCN 08637	DuPont settled 3550 lawsuits in the state of WV related to local resident developing cancer after being exposed to PFOAs.	Press Release	Weiss-Tisman, H	02/13/2017	Weiss-Tisman, H. 2017. Available online: http://digital.vpr.net/post/dupont-settles-pfoa-class-action-lawsuit-west-virginia-ohio#stream/0 .	OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	5	No	Yes	08637

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3	EPA-HQ-OW-2018-0618-0442	Facility permit for NPDES WV0001279 – EI DuPont, Washington WV - DCN 08638	Water pollution control permit granted to DuPont in Washington, WV (2003).	Permit; Registration	West Virginia DEP	08/04/2003		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	129	No	No	08638
3	EPA-HQ-OW-2018-0618-0443	Facility permit for NPDES WV0076538 – EI DuPont, Washington WV - DCN 08639	Water pollution control permit granted to DuPont in Washington, WV (2008).	Permit; Registration	West Virginia DEP	06/13/2008		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	50	No	No	08639
3	EPA-HQ-OW-2018-0618-0444	West Virginia Department of Environmental Protection. Facility permit for NPDES WV0116581 – EI DuPont, Washington WV - DCN 08640	Water pollution control permit granted to DuPont-Riverbank Landfill in Washington, WV (2011).	Permit; Registration	West Virginia DEP	08/26/2011		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	661	No	No	08640

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3	EPA-HQ-OW-2018-0618-0445	Facility permit for NPDES WV0076066 – The Chemours Company, Washington WV - DCN 08641	Water pollution control permit granted to Chemours Company in Washington, WV (Mason County) (2015).	Permit; Registration	West Virginia DEP	07/22/2015		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	127	No	No	08641
3	EPA-HQ-OW-2018-0618-0446	Facility permit for NPDES WV0076244 – The Chemours Company, Washington WV - DCN 08642	Water pollution control permit granted to Chemours Company in Washington, WV (Wood County) (2015).	Permit; Registration	West Virginia DEP	12/17/2015		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	194	No	No	08642
3	EPA-HQ-OW-2018-0618-0447	West Virginia Department of Environmental Protection. C-8 Investigation Reports - DCN 08643	DuPont discharges C-8 compounds to air, Ohio river, and recycles a portion at their facility.	Publication; Other Governmental	West Virginia DEP	01/01/2017		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	2	No	No	08643

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3	EPA-HQ-OW-2018-0618-0448	Facility Permit for NPDES WV001279 – The Chemours Company, Washington WV - DCN 08644	Water pollution control permit granted to Chemours Company in Washington, WV (Wood County) (2018).	Permit; Registration	West Virginia DEP	01/01/2018		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	481	No	No	08644
3	EPA-HQ-OW-2018-0618-0449	Detection of Poly- and Perfluoroalkyl Substances (PFAS) in U.S. Drinking Water Linked to Industrial Sites, Military Fire Training Areas, and Wastewater Treatment Plants - DCN 08645	Spatial analysis of 2013–2015 national drinking water PFAS concentrations from the U.S. Environmental Protection Agency's (US EPA) third Unregulated Contaminant Monitoring Rule (UCMR3) program.	Publication; Copyrighted Materials	Hu, X.C. et al.	08/09/2016	Hu, X.C., Andrews, D.Q., Lindstrom, A.B., Bruton, T.A., Schaidler, L.A., Grandjean, P., et al. 2016. Environmental Science & Technology Letters.		8	No	Yes	08645
3	EPA-HQ-OW-2018-0618-0450	Sorption of Perfluorochemicals to Granular Activated Carbon in the Presence of Ultrasound - DCN 08646	Report on the sorption of four PFCs: perfluorooctane sulfonate (PFOS), perfluorooctanoate (PFOA), perfluorobutane sulfonate (PFBS), and perfluorobutanoate (PFBA), from deionized water (MQ) and landfill groundwater (GW) by granular activated carbon (GAC) in the absence and presence of 20 kHz ultrasound.	Publication; Copyrighted Materials	Zhao, D. et al.	03/03/2011	Zhao, D., Cheng, J., Vecitis, C., and M. Hoffman. 2011. J. Phys. Chem. A 2011, 115, 2250–2257.		8	No	Yes	08646

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3	EPA-HQ-OW-2018-0618-0560	Adoption of Final Rule: 6 NYCRR Part 597 – Hazardous Substances Identification, Release Prohibition, and Release Reporting - DCN 08647	Description of Rule 6 NYCRR Part 597 related to the use of AFFFs in firefighting training.	Publication; Other Governmental	New York State DEC	03/03/2017			2	No	No	08647
4	EPA-HQ-OW-2018-0618-0451	North American Industry Classification System - DCN 08648	Report presents updated North American Industry Classification (NAICS) system, which groups industries based on the similarity of their production process and covers all economic activities.	Publication; Other Governmental	U.S. Office of Management and Budget	01/01/2017			963	No	No	08648
4	EPA-HQ-OW-2018-0618-0358	EPA ESA Calculations for the Manufacturing Sector (4-Digit NAICS) - DCN 08649	Excel file contains an initial example implementation of the 304(m) Economic Screening framework for manufacturing as documented in, Economic Screening of Point-Source Industries for Further Study in the 304(m) Program.	Data	Abt Associates Inc.	07/08/2018		Manufacturing	0	No	No	08649

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4	EPA-HQ-OW-2018-0618-0359	EPA ESA Calculations for the Utility & Mining Sectors (4-Digit NAICS) - DCN 08650	Excel file contains an initial example implementation of the 304(m) Economic Screening framework for mining and utilities as documented in, Economic Screening of Point-Source Industries for Further Study in the 304(m) Program.	Data	Abt Associates Inc.	06/27/2018		Mining	0	No	No	08650
5.1.1	EPA-HQ-OW-2018-0618-0322	Non-CBI_Citgo Lemont Information (WWTP Docs, Permit, BWON) - DCN PR00001	Information provided by Citgo on their Lemont Refinery. Information includes WWT documents, permits, BWON report.	Data	Citgo Lemont	07/21/2015			384	No	No	PR00001
5.1.1	EPA-HQ-OW-2018-0618-0144	CBI_Citgo Lemont Subpart Desalter PFD Diagram - DCN PR00002	CBI_Process Flow Diagram for Citgo Lemont Desalter.	Map	Citgo Lemont	07/21/2015			2	Yes	No	PR00002

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5.1.1	EPA-HQ-OW-2018-0618-0151	Summary of September 20, 2016 Conference Call with BP Whiting - DCN PR00053	Summarizes September 20, 2016 call with BP Whiting. This call served to update the Petroleum Team of construction and upgrade progress at BP Whiting (since the May 28, 2015 call) in addition to discussing wastewater treatment and next steps.	Memorandum	Eastern Research Group, Inc.	04/07/2017			5	No	No	PR00053
5.1.1	EPA-HQ-OW-2018-0618-0176	LADEQ Discharge Permit LA0003115 - DCN PR00088	Discharge permit from LADEQ for Phillips 66 Alliance Refinery.	Report	Phillips 66 Alliance Refinery	02/24/2015			66	No	No	PR00088
5.1.1	EPA-HQ-OW-2018-0618-0198	2017 NPDES Wastewater Discharge Permit for Equilon Enterprises (dba Shell) Convent Refinery (LA0006041) - DCN PR00089	Authorization by the Louisiana Department of Environmental Quality for Equilon Enterprises (dba Shell) Convent Refinery to discharge wastewater (LA0006041). Issued August 25, 2017.	Permit, Registration	Louisiana Dept of Environ Quality	08/25/2017			60	No	No	PR00089

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5.1.1	EPA-HQ-OW-2018-0618-0199	LADEQ Discharge Permit LA0003646 - DCN PR00090	Discharge permit from LADEQ for Valero Meraux Refinery.	Report	Valero Meraux Refinery	05/14/2014			96	No	No	PR00090
5.1.1	EPA-HQ-OW-2018-0618-0303	Energy and Environmental Profile of the U.S. Petroleum Refining Industry - DCN PR00156	Report describing the energy and environmental profile of the petroleum refining industry in the U.S.	Report	DOE	11/01/2007			133	No	No	PR00156
5.1.2	EPA-HQ-OW-2018-0618-0162	2012 Wastewater Discharge Permit for Marathon Detroit Refinery - DCN PR00069	Permit authorizing Marathon Petroleum Company, LP of Detroit, MI (Marathon Detroit Refinery) to discharge to the Detroit Water and Sewerage Department (Permit No. 074-27370-IU), including the discharge limitations and monitoring requirements.	Permit, Registration	Detroit Water Sewerage Depart (DWSD)	11/08/2012			6	No	No	PR00069

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5.1.2	EPA-HQ-OW-2018-0618-0162.1	2012 Wastewater Discharge Permit for Marathon Detroit Refinery - Addendum 2 - DCN PR00069A1	Addendum #2 to the 2012 Wastewater Discharge Permit for Marathon Petroleum Company, LP of Detroit, MI (Marathon Detroit Refinery).	Permit, Registration	Detroit Water Sewerage Depart (DWSD)	07/01/2015			8	No	No	PR00069A1
5.1.2	EPA-HQ-OW-2018-0618-0162.2	2012 Wastewater Discharge Permit for Marathon Detroit Refinery - Addendum 3 - DCN PR00069A2	Addendum #3 to the 2012 Wastewater Discharge Permit for Marathon Petroleum Company, LP of Detroit, MI (Marathon Detroit Refinery).	Permit, Registration	Detroit Water Sewerage Depart (DWSD)	10/05/2015			6	No	No	PR00069A2
5.1.2	EPA-HQ-OW-2018-0618-0163	2016 Wastewater Discharge Permit for Marathon Detroit Refinery - DCN PR00070	Permit authorizing Marathon Petroleum Company, LP of Detroit, MI (Marathon Detroit Refinery) to discharge to the Detroit Water and Sewerage Department (Permit No. 074-27370-IU), including the discharge limitations and monitoring requirements.	Permit, Registration	Great Lakes Water Authority (GLWA)	08/19/2016			29	No	No	PR00070

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5.1.2	EPA-HQ-OW-2018-0618-0164	90 Day Compliance Sample Report for Marathon Detroit Refinery - DCN PR00071	Correspondence providing information in regards to the 90 Day Compliance Period required in Addendum #3 of Permit No 074-27370-IU. The data presented satisfy the requirements following commissioning of the MBR system.	Letter	Marathon Petroleum Company, LP	02/29/2016			141	No	No	PR00071
5.1.2	EPA-HQ-OW-2018-0618-0348	AL0000973 - Permit files - Permit - DCN PR00232	Final NPDES Permit for Hunt Refining Company (AL0000973). Permit dated February 2015 with expiration of February 29, 2020.	Permit, Registration	Alabama Dept of Envir Mgmt	02/09/2015			88	No	No	PR00232
5.1.2	EPA-HQ-OW-2018-0618-0348.1	AL0000973 - Permit files - Public Notice and Application - DCN PR00232A1	Draft NPDES permit, permit rationale, and permit application for Hunt Refining Company (AL0000973).	Permit, Registration	Alabama Dept of Envir Mgmt	05/13/2014			329	No	No	PR00232A1

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5.1.2	EPA-HQ-OW-2018-0618-0193	AL0055859 - Permit files - DCN PR00233	Final NPDES Permit for ID AL0055859. Permit dated September 2011 with expiration date of September 30, 2015.	Permit, Registration	Alabama Dept of Envir Mgmt	09/26/2011			60	No	No	PR00233
5.1.2	EPA-HQ-OW-2018-0618-0194	AR0000647 - Permit files - DCN PR00234	Modification to final NPDES Permit for El Dorado Refinery (AR0000647). Modification dated November 2008 with expiration date of February 28, 2009.	Permit, Registration	Arkansas Dept of Envr Quality	11/11/2008			93	No	No	PR00234
5.1.2	EPA-HQ-OW-2018-0618-0195	CA0000051 - Permit files - Permit - DCN PR00235	Final NPDES Permit for Santa Maria Refinery (CA0000051). Permit dated December 2013 with expiration date of February 1, 2019.	Permit, Registration	California Water Boards	12/13/2013			120	No	No	PR00235

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5.1.2	EPA-HQ-OW-2018-0618-0195.1	CA0000051 - Permit files - Expired Permit - DCN PR00235A1	Expired permit for CA0000051. Permit effective date of September 2007 and expired on September 7, 2012.	Permit, Registration	California Water Boards	09/07/2007			94	No	No	PR00235A1
5.1.2	EPA-HQ-OW-2018-0618-0224	CA0000337 - Permit files - DCN PR00236	Final NPDES Permit for El Segundo Refinery (CA0000337). Permit dated January 2012 with expiration date of January 10, 2018.	Permit, Registration	Calif Reg Wtr Qual Control Brd	01/19/2013			161	No	No	PR00236
5.1.2	EPA-HQ-OW-2018-0618-0196	CA0000680 - Permit files - DCN PR00237	Final NPDES Permit for BP Carson Refinery (CA0000680). Permit dated March 2007 with an expiration date of February 10, 2012.	Permit, Registration	Calif Reg Wtr Qual Control Brd	03/01/2007			150	No	No	PR00237

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5.1.2	EPA-HQ-OW-2018-0618-0576	CA0003778 - Permit files - Permit - DCN PR00238	Final NPDES Permit for Los Angeles Refinery (CA0003778). Permit dated September 2010 with an expiration date of September 10, 2015.	Permit, Registration	Calif Reg Wtr Qual Control Brd	09/09/2010			144	No	No	PR00238
5.1.2	EPA-HQ-OW-2018-0618-0576.1	CA0003778 - Permit files - Application - DCN PR00238A1	Permit renewal application for Los Angeles Refinery (CA0003778).	Permit, Registration	David Reed; Tesoro	02/11/2010			72	No	No	PR00238A1
5.1.2	EPA-HQ-OW-2018-0618-0576.2	CA0003778 - Permit files - Order to Renew WDRs - DCN PR00238A2	Proposed Order to renew waste discharge requirememts of storm water from Los Angeles Refinery (NPDES Permit CA0003778).	Permit, Registration	Calif Reg Wtr Qual Control Brd	08/09/2005			55	No	No	PR00238A2

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5.1.2	EPA-HQ-OW-2018-0618-0576.3	CA0003778 - Permit files - Stormwater Pollution Prevention Plan - DCN PR00238A3	Stormwater Pollution Prevention Plan prepared for NPDES Permit for Los Angeles Refinery (CA0003778).	Permit, Registration	Robert Stockdale; Tesoro	06/22/2009			41	No	No	PR00238A3
5.1.2	EPA-HQ-OW-2018-0618-0225	CA0004961 - Permit files - Permit - DCN PR00239	Final NPDES Permit for Tesoro Golden Eagle Refinery (CA0004961). Permit dated June 2010 with an expiration date of June 30, 2015.	Permit, Registration	Calif Reg Wtr Qual Control Brd	06/09/2010			132	No	No	PR00239
5.1.2	EPA-HQ-OW-2018-0618-0575	CA0005053 - Permit files - Permit - DCN PR00240	Final NPDES Permit for San Francisco Refinery at Rodeo (CA0005053). Permit dated May 11, 2011 with an expiration date of June 30, 2016.	Permit, Registration	Calif Reg Wtr Qual Control Brd	05/11/2011			168	No	No	PR00240

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5.1.2	EPA-HQ-OW-2018-0618-0575.1	CA0005053 - Permit files - Permit Renewal Application - DCN PR00240A1	Permit renewal application for San Francisco Refinery at Rodeo (CA0005053).	Permit, Registration	ConocoPhillips Company	03/03/2010			146	No	No	PR00240A1
5.1.2	EPA-HQ-OW-2018-0618-0575.2	CA0005053 - Permit files - Order to Renew WDRs - DCN PR00240A2	Order to Renew WDRs for San Francisco Refinery at Rodeo (CA0005053).	Permit, Registration	Calif Reg Wtr Qual Control Brd	06/27/1905			132	No	No	PR00240A2
5.1.2	EPA-HQ-OW-2018-0618-0575.3	CA0005053 - Permit files - Fact Sheet - DCN PR00240A3	Fact sheet for San Francisco Refinery at Rodeo (CA0005053).	Permit, Registration	Calif Reg Wtr Qual Control Brd	05/16/2005			21	No	No	PR00240A3

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5.1.2	EPA-HQ-OW-2018-0618-0226	CA0005134 - Permit files - Permit - DCN PR00241	Final NPDES Permit for Richmond Refinery (CA0005134). Permit dated July 13, 2011 with an expiration date of August 31, 2016.	Permit, Registration	Calif Reg Wtr Qual Control Brd	07/13/2011			150	No	No	PR00241
5.1.2	EPA-HQ-OW-2018-0618-0226.1	CA0005134 - Permit files - Expired Permit - DCN PR00241A1	Expired NPDES Permit for Richmond Refinery (CA0005134). Permit effective date of June 14, 2006 and expired on June 13, 2011.	Permit, Registration	Calif Reg Wtr Qual Control Brd	06/14/2006			125	No	No	PR00241A1
5.1.2	EPA-HQ-OW-2018-0618-0226.2	CA0005134 - Permit files - WWT Diagram - DCN PR00241A2	Effluent system overview diagram	Permit, Registration	Calif Reg Wtr Qual Control Brd	06/14/2006			1	No	No	PR00241A2

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5.1.2	EPA-HQ-OW-2018-0618-0226.3	CA0005134 - Permit files - WDR - DCN PR00241A3	Waste Discharges Requirements Order No. 01-067 (NPDES CA005134).	Permit, Registration	Calif Reg Wtr Qual Control Brd	06/14/2006			83	No	No	PR00241A3
5.1.2	EPA-HQ-OW-2018-0618-0577	CA0005550 - Permit files - Permit - DCN PR00242	Final NPDES Permit for Valero Benicia Refinery (CA0005550). Permit effective date October 1, 2015 with an expiration date of September 30, 2020.	Permit, Registration	California Water Boards	08/12/2015			134	No	No	PR00242
5.1.2	EPA-HQ-OW-2018-0618-0577.1	CA0005550 - Permit files - Expired Permit - DCN PR00242A1	Expired NPDES Permit for Valero Benicia Refinery (CA0005550). Permit effective date January 1, 2010 and expired on December 31, 2014.	Permit, Registration	California Water Boards	11/18/2009			149	No	No	PR00242A1

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5.1.2	EPA-HQ-OW-2018-0618-0577.2	CA0005550 - Permit files - WDR Update - DCN PR00242A2	Updated Waste Discharge Requirements for Valero Benicia Refinery (CA0005550).	Permit, Registration	Calif Reg Wtr Qual Control Brd	10/09/2013			28	No	No	PR00242A2
5.1.2	EPA-HQ-OW-2018-0618-0577.3	CA0005550 - Permit files - Site Cleanup Requirements Update - DCN PR00242A3	Updated Site Cleanup Requirements for Valero Benicia Refinery (CA0005550).	Permit, Registration	Calif Reg Wtr Qual Control Brd	02/18/2014			30	No	No	PR00242A3
5.1.2	EPA-HQ-OW-2018-0618-0227	CA0005789 - Permit files - Permit - DCN PR00243	Final NPDES Permit for Shell Martinez Refinery (CA0005789). Permit effective date August 1, 2012 with an expiration date of July 31, 2017.	Permit, Registration	Calif Reg Wtr Qual Control Brd	06/14/2012			138	No	No	PR00243

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5.1.2	EPA-HQ-OW-2018-0618-0227.1	CA0005789 - Permit files - Expired Permit - DCN PR00243A1	Final NPDES Permit for Shell Martinez Refinery (CA0005789). Permit effective date January 1, 2007 with an expiration date of October 31, 2011.	Permit, Registration	Calif Reg Wtr Qual Control Brd	10/11/2006			122	No	No	PR00243A1
5.1.2	EPA-HQ-OW-2018-0618-0227.2	CA0005789 - Permit files- WDR Update - DCN PR00243A2	Updated Waste Discharge Requirements for Shell Martinez Refinery (CA0005789).	Permit, Registration	Calif Reg Wtr Qual Control Brd	10/09/2013			27	No	No	PR00243A2
5.1.2	EPA-HQ-OW-2018-0618-0228	CA0055387 - Permit files - Permit - DCN PR00244	Final NPDES Permit for Torrance Refinery (CA0055387). Permit effective date October 12, 2013 with an expiration date of October 12, 2018.	Permit, Registration	Calif Reg Wtr Qual Control Brd	08/20/2013			136	No	No	PR00244

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5.1.2	EPA-HQ-OW-2018-0618-0228.1	CA0055387 - Permit files - Application - DCN PR00244A1	Application to renew NDPES Permit CA0055387 for Torrance Refinery.	Permit, Registration	Calif Reg Wtr Qual Control Brd	02/01/2012			26	No	No	PR00244A1
5.1.2	EPA-HQ-OW-2018-0618-0228.2	CA0055387 - Permit files - Draft Waste Discharge Requirements - DCN PR00244A2	Draft Waste Discharge Requirements for Torrance Refinery (CA0055387).	Permit, Registration	Calif Reg Wtr Qual Control Brd	01/01/2012			141	No	No	PR00244A2
5.1.2	EPA-HQ-OW-2018-0618-0584	CA0056065 - Permit files - Permit - DCN PR00245	Final NPDES Permit for Paramount Petroleum Refinery (CA0056065). Permit effective April 2, 2011 with an expiration date of February 10, 2016.	Permit, Registration	Calif Reg Wtr Qual Control Brd	03/03/2011			110	No	No	PR00245

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5.1.2	EPA-HQ-OW-2018-0618-0584.1	CA0056065 - Permit files - Expired Permit - DCN PR00245A1	Expired NPDES Permit for Paramount Petroleum Refinery (CA0056065). Permit effective date of January 1, 2006 and expired on November 10, 2010.	Permit, Registration	Calif Reg Wtr Qual Control Brd	12/01/2005			99	No	No	PR00245A1
5.1.2	EPA-HQ-OW-2018-0618-0229	CA0063185 - Permit files - Permit - DCN PR00246	Final NPDES Permit for Los Angeles Refinery, Carson Plant (CA0063185). Permit effective March 2, 2012 with an expiration date of January 10, 2017.	Permit, Registration	Calif Reg Wtr Qual Control Brd	02/15/2012			117	No	No	PR00246
5.1.2	EPA-HQ-OW-2018-0618-0230	DE0000256 - Permit files - Public Draft Notice - DCN PR00247	NPDES Permit for Delaware City Public Refinery (DE0000256) prepared for public notice.	Permit, Registration	Delaware Dept Nat Resc and Env	12/14/2014			58	No	No	PR00247

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5.1.2	EPA-HQ-OW-2018-0618-0230.1	DE0000256 - Permit files - Public Hearing - DCN PR00247A1	Transcription of proceedings of NPDES permit (DE0000256) public hearing for the Delaware City Public Refinery.	Permit, Registration	Delaware Dept Nat Resc and Env	03/24/2015			71	No	No	PR00247A1
5.1.2	EPA-HQ-OW-2018-0618-0230.2	DE0000256 - Permit files - Draft Fact Sheet - DCN PR00247A2	Delaware City Refinery and Power Plant Draft Fact Sheet including facility information and summary of propsoed changes to NPDES permit (DE0000256).	Permit, Registration	Delaware Dept Nat Resc and Env	12/14/2014			26	No	No	PR00247A2
5.1.2	EPA-HQ-OW-2018-0618-0231	IL0001589 - Permit files - Permit - DCN PR00248	Final NPDES Permit for Lemot Refinery (IL0001589). Permit effective August 1, 2006 with an expiration date of July 31,2011.	Permit, Registration	Illinois Div of Water Pollution Contr	07/28/2006			12	No	No	PR00248

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5.1.2	EPA-HQ-OW-2018-0618-0231.1	IL0001589 - Permit files - Public Notice - DCN PR00248A1	Public notice, draft NPDES permit and fact sheet for Lemont Refinery (IL0001589).	Permit, Registration	Illinois Div of Water Pollution Contr	06/13/2012			24	No	No	PR00248A1
5.1.2	EPA-HQ-OW-2018-0618-0231.2	IL0001589 - Permit files - Memorandums - DCN PR00248A2	Water quality standard memos for Lemot Refinery NPDES Permit (IL0001589).	Permit, Registration	Illinois Environmental Protection Agency	03/08/2012			6	No	No	PR00248A2
5.1.2	EPA-HQ-OW-2018-0618-0231.3	IL0001589 - Permit files - Public Notice of Permit - DCN PR00248A3	Public notice, fact sheet and draft NPDES permit for Lemont Refinery (IL0001589).	Permit, Registration	Illinois Div of Water Pollution Contr	06/15/2012			17	No	No	PR00248A3

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5.1.2	EPA-HQ-OW-2018-0618-0231.4	IL0001589 - Permit files - Standard Conditions - DCN PR00248A4	Standard conditions for NPDES permits.	Permit, Registration	Unknown	12/01/1986			2	No	No	PR00248A4
5.1.2	EPA-HQ-OW-2018-0618-0231.5	IL0001589 - Permit files - Pre-Permit Review Site Visit - DCN PR00248A5	Pre-Permit review site visit notes for Lemont Refinery (IL0001589).	Permit, Registration	John Wiemhoff (USEPA)	05/24/2012			5	No	No	PR00248A5
5.1.2	EPA-HQ-OW-2018-0618-0231.6	IL0001589 - Permit files - Process Flow Diagram - DCN PR00248A6	Process flow diagram (Figure 2-1) for Lemont Refinery (IL0001589).	Permit, Registration	Citgo Petroleum Corporation	06/01/2010			1	No	No	PR00248A6

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5.1.2	EPA-HQ-OW-2018-0618-0232	IL0002861 - Permit files - Permit - DCN PR00249	Final NPDES Permit for Joliet Refinery (IL0005861). Permit effective May 8, 2015 with an expiration date of April 30, 2020.	Permit, Registration	Illinois Div of Water Pollution Contr	05/08/2015			22	No	No	PR00249
5.1.2	EPA-HQ-OW-2018-0618-0232.1	IL0002861 - Permit files - Application - DCN PR00249A1	NPDES Permit application for Joliet Refinery (IL0002861).	Permit, Registration	ExxonMobil Oil Corporation	03/24/2014			61	No	No	PR00249A1
5.1.2	EPA-HQ-OW-2018-0618-0232.2	IL0002861 - Permit files - Public Notice - DCN PR00249A2	Public notice, fact sheet and NPDES permit for Joliet Refinery (IL0002861).	Permit, Registration	Illinois Div of Water Pollution Contr	02/23/2015			26	No	No	PR00249A2

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5.1.2	EPA-HQ-OW-2018-0618-0232.3	IL0002861 - Permit files - Draft Public Notice - DCN PR00249A3	Draft public notice and fact sheet for NPDES permit for Joliet Refinery (IL0002861).	Permit, Registration	Illinois Div of Water Pollution Contr				9	No	No	PR00249A3
5.1.2	EPA-HQ-OW-2018-0618-0232.4	IL0002861 - Permit files - Permit Renewal - DCN PR00249A4	Documents and memorandums pertaining to NPDES permit renewal application for Joliet Refinery (IL0002861).	Permit, Registration	Illinois Div of Water Pollution Contr	12/02/2014			19	No	No	PR00249A4
5.1.2	EPA-HQ-OW-2018-0618-0232.5	IL0002861 - Permit files - Schematic Flow Diagram - DCN PR00249A5	Schematic Flow Diagram for Joliet Refinery (IL0002861).	Permit, Registration	ExxonMobil Refining and Supply Company	02/26/2009			1	No	No	PR00249A5

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5.1.2	EPA-HQ-OW-2018-0618-0232.6	IL0002861 - Permit files - Schematic of Water Flow - DCN PR00249A6	Schematic of water flow (Figure A) for Joliet Refinery (IL0002861).	Permit, Registration	ExxonMobil Refining and Supply Company	02/26/2009			1	No	No	PR00249A6
5.1.2	EPA-HQ-OW-2018-0618-0579	IN0000108 - Permit files - Permit - DCN PR00250	Final NPDES Permit for Whiting Refinery (IN0000108). Permit effective November 1, 2013 with an expiration date of October 31, 2018.	Permit, Registration	Indiana Dept of Envir Mgmt	09/25/2013			61	No	No	PR00250
5.1.2	EPA-HQ-OW-2018-0618-0579.1	IN0000108 - Permit files - Factsheet Part 1 - DCN PR00250A1	Factsheet (part 1 of 2) for NPDES permit for Whiting Refinery (IN0000108).	Permit, Registration	Indiana Dept of Envir Mgmt	09/25/2013			30	No	No	PR00250A1

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5.1.2	EPA-HQ-OW-2018-0618-0579.2	IN0000108 - Permit files - Factsheet Part 2 - DCN PR00250A2	Factsheet (part 2 of 2) for NPDES permit for Whiting Refinery (IN0000108).	Permit, Registration	Indiana Dept of Envir Mgmt	09/25/2013			25	No	No	PR00250A2
5.1.2	EPA-HQ-OW-2018-0618-0579.3	IN0000108 - Permit files - Public Notice Powerpoint - DCN PR00250A3	Public notice hearing presentation for Whiting Refinery NPDES permit (IN0000108).	Permit, Registration	Indiana Dept of Envir Mgmt	09/01/2013			18	No	No	PR00250A3
5.1.2	EPA-HQ-OW-2018-0618-0579.4	IN0000108 - Permit files - Air Quality Permit - DCN PR00250A4	Office of air quality permit for Whiting Refinery effective January 1, 2015 with an expiration date of January 1, 2020.	Permit, Registration	Indiana Dept of Envir Mgmt	12/08/2014			484	No	No	PR00250A4

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5.1.2	EPA-HQ-OW-2018-0618-0579.5	IN0000108 - Permit files - Mercury Sewer Sediment Assessment - DCN PR00250A5	2013 Mercury sewer sediment assessment and prioritized schedule for sewer cleaning for Whiting Refinery (NPDES Permit IN0000108).	Permit, Registration	Indiana Dept of Envir Mgmt	02/14/2014			11	No	No	PR00250A5
5.1.2	EPA-HQ-OW-2018-0618-0579.6	IN0000108 - Permit files - Mercury Source Survey - DCN PR00250A6	Mercury source survey for refinery process wastewater streams prepared for Indiana Department of Environmental Management.	Permit, Registration	Lerato Matlamela (BP)	02/03/2014			18	No	No	PR00250A6
5.1.2	EPA-HQ-OW-2018-0618-0579.7	IN0000108 - Permit files - Pollution Minimization Program - DCN PR00250A7	Pollution minimization program for total residual chlorine for Whiting Refinery (IN0000108).	Permit, Registration	BP Whiting Refinery	04/01/2014			18	No	No	PR00250A7

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5.1.2	EPA-HQ-OW-2018-0618-0579.8	IN0000108 - Permit files - Annual Status Report - DCN PR00250A8	Annual status for pollution minimization program for total residual chlorine for Whiting Refinery (IN0000108) for 2014.	Permit, Registration	BP Whiting Refinery	01/01/2015			18	No	No	PR00250A8
5.1.2	EPA-HQ-OW-2018-0618-0579.9	IN0000108 - Permit files - Evaluation of Wastewater Treatment Technologies for Mercury Removal - DCN PR00250A9	Evaluation of Wastewater Treatment Technologies for Mercury Removal prepared for Whiting Refinery in accordance with NPDES permit (IN0000108) requirements.	Permit, Registration	Brown and Caldwell	02/01/2015			18	No	No	PR00250A9
5.1.2	EPA-HQ-OW-2018-0618-0233	KY0000388 - Permit files - Permit - DCN PR00251	Final NPDES Permit for Catlettsburg Refinery (KY0000388). Permit effective November 1, 2001 with an expiration date of March 31, 2006.	Permit, Registration	Kentucky Dept Envi Protection	10/01/2001			38	No	No	PR00251

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5.1.2	EPA-HQ-OW-2018-0618-0233.1	KY0000388 - Permit files - Fact Sheet - DCN PR00251A1	Fact sheet for NPDES Permit for Catlettsburg Refinery (KY0000388).	Permit, Registration	Kentucky Dept Envi Protection	02/01/2001			78	No	No	PR00251A1
5.1.2	EPA-HQ-OW-2018-0618-0234	LA0003026 - Permit files - Permit - DCN PR00252	Final NPDES Permit for Lake Charles Refinery (LA0003026). Permit effective November 1, 2012 with an expiration date of October 31, 2017.	Permit, Registration	Louisiana DEPT Envir Quality	09/18/2012			69	No	No	PR00252
5.1.2	EPA-HQ-OW-2018-0618-0234.1	LA0003026 - Permit files - Application - DCN PR00252A1	NPDES permit application for Lake Charles Refinery (LA0003026).	Permit, Registration	ConocoPhillips Company	11/14/2011			108	No	No	PR00252A1

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5.1.2	EPA-HQ-OW-2018-0618-0234.2	LA0003026 - Permit files - Expired Permit - DCN PR00252A2	Expired permit for Lake Charles Refinery (LA0003026). Permit effective date of June 1, 2007 and expired on May 31, 2012.	Permit, Registration	Louisiana DEPT Envir Quality	04/30/2007			71	No	No	PR00252A2
5.1.2	EPA-HQ-OW-2018-0618-0235	LA0003115 - Permit files - Permit - DCN PR00253	Final NPDES Permit for Alliance Refinery (LA0003115). Permit effective March 1, 2009 with an expiration date of February 28, 2014.	Permit, Registration	Louisiana DEPT Envir Quality	02/11/2009			54	No	No	PR00253
5.1.2	EPA-HQ-OW-2018-0618-0235.1	LA0003115 - Permit files - Expired Permit - DCN PR00253A1	Expired permit for Alliance Refinery (LA0003115). Permit effective date of August 1, 1996 and expired on December 1, 1999.	Permit, Registration	USEPA	07/29/1996			50	No	No	PR00253A1

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5.1.2	EPA-HQ-OW-2018-0618-0235.2	LA0003115 - Permit files - Application Part 1 - DCN PR00253A2	NPDES Permit appplication (part 1 of 2) for Alliance Refinery (LA0003115).	Permit, Registration	Phillips 66 Company	07/23/2013			81	No	No	PR00253A2
5.1.2	EPA-HQ-OW-2018-0618-0235.3	LA0003115 - Permit files - Application Part 2 - DCN PR00253A3	NPDES Permit appplication (part 2 of 2) for Alliance Refinery (LA0003115).	Permit, Registration	Phillips 66 Company	07/23/2013			23	No	No	PR00253A3
5.1.2	EPA-HQ-OW-2018-0618-0236	LA0003522 - Permit files - Permit - DCN PR00254	Final NPDES Permit for Norco Refinery (LA0003522). Permit effective September 1, 2014 with an expiration date of August 31, 2019.	Permit, Registration	Louisiana DEPT Envir Quality	08/12/2014			58	No	No	PR00254

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5.1.2	EPA-HQ-OW-2018-0618-0236.1	LA0003522 - Permit files - Expired Permit - DCN PR00254A1	Expired permit for Norco Refinery (LA0003522). Permit effective date of October 1, 2008 and expired on September 30, 2013.	Permit, Registration	Louisiana DEPT Envir Quality	09/10/2008			47	No	No	PR00254A1
5.1.2	EPA-HQ-OW-2018-0618-0236.2	LA0003522 - Permit files - Application - DCN PR00254A2	NPDES Permit appplication for Norco Refinery (LA0003522).	Permit, Registration	Motiva Enterprises LLC	03/27/2013			276	No	No	PR00254A2
5.1.2	EPA-HQ-OW-2018-0618-0236.3	LA0003522 - Permit files - MSDS - DCN PR00254A3	MSDS for Joy Hand Diswashing Liquid	Permit, Registration	Motiva Enterprises LLC	03/27/2013			1	No	No	PR00254A3

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5.1.2	EPA-HQ-OW-2018-0618-0580	LA0003646 - Permit files - Permit - DCN PR00255	Final NPDES Permit for Murphy Oil Refinery (LA0003646). Permit effective October 1, 2004 with an expiration date of September 30, 2009.	Permit, Registration	Louisiana DEPT Envir Quality	09/29/2004			56	No	No	PR00255
5.1.2	EPA-HQ-OW-2018-0618-0580.1	LA0003646 - Permit files - Application Part 1 - DCN PR00255A1	NPDES Permit application (part 1 of 2) for Meraux Refinery (LA0003646).	Permit, Registration	Valero Refining-Meraux LLC	10/31/2016			66	No	No	PR00255A1
5.1.2	EPA-HQ-OW-2018-0618-0580.2	LA0003646 - Permit files - Application Part 2 - DCN PR00255A2	NPDES Permit application (part 2 of 2) for Meraux Refinery (LA0003646).	Permit, Registration	Valero Refining-Meraux LLC	10/31/2016			35	No	No	PR00255A2

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5.1.2	EPA-HQ-OW-2018-0618-0580.3	LA0003646 - Permit files - Old Application - DCN PR00255A3	NPDES Permit appplication for Meraux Refinery (LA0003646).	Permit, Registration	Murphy Oil USA, Inc.	04/02/2009			84	No	No	PR00255A3
5.1.2	EPA-HQ-OW-2018-0618-0328	LA0004260 - Permit files - Permit - DCN PR00256	Final NPDES Permit for Chalmette Refinery (LA0004260). Permit effective October 1, 2012 with an expiration date of September 30, 2017.	Permit, Registration	Louisiana DEPT Envir Quality	09/05/2012			71	No	No	PR00256
5.1.2	EPA-HQ-OW-2018-0618-0328.1	LA0004260 - Permit files - Expired Permit - DCN PR00256A1	Expired permit for Chalmette Refinery (LA0004260). Permit effective date of November 1, 2007 and expired on October 31, 2012.	Permit, Registration	Louisiana DEPT Envir Quality	09/25/2007			66	No	No	PR00256A1

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5.1.2	EPA-HQ-OW-2018-0618-0328.2	LA0004260 - Permit files - Application Part 1 - DCN PR00256A2	NPDES Permit appplication (part 1 of 2) for Chalmette Refinery (LA0004260).	Permit, Registration	ExxonMobil Oil Corporation	03/22/2012			84	No	No	PR00256A2
5.1.2	EPA-HQ-OW-2018-0618-0328.3	LA0004260 - Permit files - Application Part 2 - DCN PR00256A3	NPDES Permit appplication (part 2 of 2) for Chalmette Refinery (LA0004260).	Permit, Registration	ExxonMobil Oil Corporation	03/22/2012			45	No	No	PR00256A3
5.1.2	EPA-HQ-OW-2018-0618-0329	LA0005312 - Permit files - Permit - DCN PR00257	Final NPDES Permit for Cotton Valley Refinery (LA0005312). Permit effective September 1, 2010 with an expiration date of August 31, 2015.	Permit, Registration	Louisiana DEPT Envir Quality	08/16/2010			49	No	No	PR00257

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5.1.2	EPA-HQ-OW-2018-0618-0329.1	LA0005312 - Permit files - Expired Permit - DCN PR00257A1	Expired permit for Cotton Valley Refinery (LA0005312). Permit effective date of February 1, 2005 and expired on January 31, 2010.	Permit, Registration	Louisiana DEPT Envir Quality	12/29/2004			58	No	No	PR00257A01
5.1.2	EPA-HQ-OW-2018-0618-0329.2	LA0005312 - Permit files - Application Part 1 - DCN PR00257A2	NPDES Permit application (part 1 of 9) for Cotton Valley Refinery (LA0005312).	Permit, Registration	Calumet Specialty Products Partners, L.P.	07/29/2009			51	No	No	PR00257A02
5.1.2	EPA-HQ-OW-2018-0618-0329.3	LA0005312 - Permit files - Application Part 2 - DCN PR00257A3	NPDES Permit application (part 2 of 9) for Cotton Valley Refinery (LA0005312).	Permit, Registration	Calumet Specialty Products Partners, L.P.	07/29/2009			45	No	No	PR00257A03

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5.1.2	EPA-HQ-OW-2018-0618-0329.4	LA0005312 - Permit files - Application Part 3 - DCN PR00257A4	NPDES Permit appplication (part 3 of 9) for Cotton Valley Refinery (LA0005312).	Permit, Registration	Calumet Specialty Products Partners, L.P.	07/29/2009			57	No	No	PR00257A04
5.1.2	EPA-HQ-OW-2018-0618-0329.5	LA0005312 - Permit files - Application Part 4 - DCN PR00257A5	NPDES Permit appplication (part 4 of 9) for Cotton Valley Refinery (LA0005312).	Permit, Registration	Calumet Specialty Products Partners, L.P.	07/29/2009			28	No	No	PR00257A05
5.1.2	EPA-HQ-OW-2018-0618-0329.6	LA0005312 - Permit files - Application Part 5 - DCN PR00257A6	NPDES Permit appplication (part 5 of 9) for Cotton Valley Refinery (LA0005312).	Permit, Registration	Calumet Specialty Products Partners, L.P.	07/29/2009			34	No	No	PR00257A06

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5.1.2	EPA-HQ-OW-2018-0618-0329.7	LA0005312 - Permit files - Application Part 6 - DCN PR00257A7	NPDES Permit appplication (part 6 of 9) for Cotton Valley Refinery (LA0005312).	Permit, Registration	Calumet Specialty Products Partners, L.P.	07/29/2009			30	No	No	PR00257A07
5.1.2	EPA-HQ-OW-2018-0618-0329.8	LA0005312 - Permit files - Application Part 7 - DCN PR00257A8	NPDES Permit appplication (part 7 of 9) for Cotton Valley Refinery (LA0005312).	Permit, Registration	Calumet Specialty Products Partners, L.P.	07/29/2009			31	No	No	PR00257A08
5.1.2	EPA-HQ-OW-2018-0618-0329.9	LA0005312 - Permit files - Application Part 8 - DCN PR00257A9	NPDES Permit appplication (part 8 of 9) for Cotton Valley Refinery (LA0005312).	Permit, Registration	Calumet Specialty Products Partners, L.P.	07/29/2009			35	No	No	PR00257A09

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5.1.2	EPA-HQ-OW-2018-0618-0329.10	LA0005312 - Permit files - Application Part 9 - DCN PR00257A10	NPDES Permit appplication (part 9 of 9) for Cotton Valley Refinery (LA0005312).	Permit, Registration	Calumet Specialty Products Partners, L.P.	07/29/2009			44	No	No	PR00257A10
5.1.2	EPA-HQ-OW-2018-0618-0330	LA0005584 - Permit files - Permit - DCN PR00258	Final NPDES Permit for Baton Rouge Refinery (LA0005584). Permit effective April 1, 2012 with an expiration date of March 31, 2017.	Permit, Registration	Louisiana DEPT Envir Quality	03/15/2012			50	No	No	PR00258
5.1.2	EPA-HQ-OW-2018-0618-0330.1	LA0005584 - Permit files - Expired Permit - DCN PR00258A1	Expired permit for Baton Rouge Refinery (LA0005584). Permit effective date of November 1, 2007 and expired on October 31, 2012.	Permit, Registration	Louisiana DEPT Envir Quality	09/24/2007			47	No	No	PR00258A1

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5.1.2	EPA-HQ-OW-2018-0618-0330.2	LA0005584 - Permit files - Application - DCN PR00258A2	NPDES Permit appplication for Baton Rouge Refinery (LA0005584).	Permit, Registration	ExxonMobil Refining and Supply Company	08/24/2011			115	No	No	PR00258A2
5.1.2	EPA-HQ-OW-2018-0618-0331	LA0005941 - Permit files - Permit - DCN PR00259	Final NPDES Permit for Lake Charles Manufacturing Complex (LA0005941). Permit effective October 1, 2011 with an expiration date of September 30, 2016.	Permit, Registration	Louisiana DEPT Envir Quality	08/26/2011			66	No	No	PR00259
5.1.2	EPA-HQ-OW-2018-0618-0331.1	LA0005941 - Permit files - Expired Permit - DCN PR00259A1	Expired permit for Lake Charles Manufacturing Complex (LA0005941). Permit effective date of April 1, 2005 and expired on March 31, 2010.	Permit, Registration	Louisiana DEPT Envir Quality	02/18/2005			72	No	No	PR00259A1

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5.1.2	EPA-HQ-OW-2018-0618-0331.2	LA0005941 - Permit files - Application Part 1 - DCN PR00259A2	NPDES Permit appplication (part 1 of 3) for Lake Charles Manufacturing Complex (LA0005941).	Permit, Registration	Citgo Petroleum Corporation	09/30/2009			67	No	No	PR00259A2
5.1.2	EPA-HQ-OW-2018-0618-0331.3	LA0005941 - Permit files - Application Part 2 - DCN PR00259A3	NPDES Permit appplication (part 2 of 3) for Lake Charles Manufacturing Complex (LA0005941).	Permit, Registration	Citgo Petroleum Corporation	09/30/2009			68	No	No	PR00259A3
5.1.2	EPA-HQ-OW-2018-0618-0331.4	LA0005941 - Permit files - Application Part 3 - DCN PR00259A4	NPDES Permit appplication (part 3 of 3) for Lake Charles Manufacturing Complex (LA0005941).	Permit, Registration	Citgo Petroleum Corporation	09/30/2009			59	No	No	PR00259A4

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5.1.2	EPA-HQ-OW-2018-0618-0332	LA0006041 - Permit files - Permit - DCN PR00260	Final NPDES Permit for Convent Refinery (LA0006041). Permit effective June 1, 2016 with an expiration date of May 31, 2021.	Permit, Registration	Louisiana DEPT Envir Quality	04/28/2016			57	No	No	PR00260
5.1.2	EPA-HQ-OW-2018-0618-0332.1	LA0006041 - Permit files - Factsheet - DCN PR00260A1	Louisiana Water Pollution Control Fee System Rating Worksheet for Convent Refinery (LA0006041).	Permit, Registration	Louisiana DEPT Envir Quality	11/09/2015			3	No	No	PR00260A01
5.1.2	EPA-HQ-OW-2018-0618-0332.2	LA0006041 - Permit files - Draft Permit - DCN PR00260A2	Draft of NPDES Permit for Convent Refinery (LA0006041).	Permit, Registration	Louisiana DEPT Envir Quality	06/28/2017			141	No	No	PR00260A02

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5.1.2	EPA-HQ-OW-2018-0618-0332.3	LA0006041 - Permit files - Draft Permit - DCN PR00260A3	Draft of NPDES Permit for Convent Refinery (LA0006041).	Permit, Registration	Louisiana DEPT Envir Quality	02/22/2016			143	No	No	PR00260A03
5.1.2	EPA-HQ-OW-2018-0618-0332.4	LA0006041 - Permit files - Application Part 1 - DCN PR00260A4	NPDES Permit appplication (part 1 of 6) for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	04/22/2015			59	No	No	PR00260A04
5.1.2	EPA-HQ-OW-2018-0618-0332.5	LA0006041 - Permit files - Application Part 2 - DCN PR00260A5	NPDES Permit appplication (part 2 of 6) for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	04/22/2015			21	No	No	PR00260A05

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5.1.2	EPA-HQ-OW-2018-0618-0332.6	LA0006041 - Permit files - Application Part 3 - DCN PR00260A6	NPDES Permit appplication (part 3 of 6) for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	04/22/2015			79	No	No	PR00260A06
5.1.2	EPA-HQ-OW-2018-0618-0332.7	LA0006041 - Permit files - Application Part 4 - DCN PR00260A7	NPDES Permit appplication (part 4 of 6) for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	04/22/2015			95	No	No	PR00260A07
5.1.2	EPA-HQ-OW-2018-0618-0332.8	LA0006041 - Permit files - Application Part 5 - DCN PR00260A8	NPDES Permit appplication (part 5 of 6) for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	04/22/2015			35	No	No	PR00260A08

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5.1.2	EPA-HQ-OW-2018-0618-0332.9	LA0006041 - Permit files - Application Part 6 - DCN PR00260A9	NPDES Permit appplication (part 6 of 6) for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	04/22/2015			25	No	No	PR00260A09
5.1.2	EPA-HQ-OW-2018-0618-0332.10	LA0006041 - Permit files - Permit Figure - DCN PR00260A10	Figure 3A of NPDES Permit for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	11/01/2016			1	No	No	PR00260A10
5.1.2	EPA-HQ-OW-2018-0618-0332.11	LA0006041 - Permit files - Permit Figure - DCN PR00260A11	Figure 3A of NPDES Permit for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	11/01/2016			1	No	No	PR00260A11

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5.1.2	EPA-HQ-OW-2018-0618-0332.12	LA0006041 - Permit files - Permit Figure - DCN PR00260A12	Figure 3B of NPDES Permit for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	11/01/2016			1	No	No	PR00260A12
5.1.2	EPA-HQ-OW-2018-0618-0332.13	LA0006041 - Permit files - Permit Figure - DCN PR00260A13	Figure 3B of NPDES Permit for Convent Refinery (LA0006041).	Permit, Registration	Motiva Enterprises LLC	11/01/2016			1	No	No	PR00260A13
5.1.2	EPA-HQ-OW-2018-0618-0333	LA0032417 - Permit files - Permit - DCN PR00261	Final NPDES Permit for Calumet Shreveport Refinery (LA0032417). Permit effective August 1, 2014 with an expiration date of July 31, 2019.	Permit, Registration	Louisiana DEPT Envir Quality	07/02/2014			53	No	No	PR00261

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5.1.2	EPA-HQ-OW-2018-0618-0333.1	LA0032417 - Permit files - Expired Permit - DCN PR00261A1	Expired permit for Calumet Shreveport Refinery (LA0032417). Permit effective date of October 1, 2008 and expired on September 30, 2013.	Permit, Registration	Louisiana DEPT Envir Quality	08/19/2008			49	No	No	PR00261A1
5.1.2	EPA-HQ-OW-2018-0618-0333.2	LA0032417 - Permit files - Application - DCN PR00261A2	NPDES Permit application for Calumet Shreveport Refinery (LA0032417).	Permit, Registration	Calumet Shreveport Lubricants & Waxes, LLC	03/25/2013			79	No	No	PR00261A2
5.1.2	EPA-HQ-OW-2018-0618-0334	LA0039390 - Permit files - Permit - DCN PR00262	Final NPDES Permit for Placid Refining Company (LA0039390). Permit effective October 1, 2014 with an expiration date of September 30, 2019.	Permit, Registration	Louisiana DEPT Envir Quality	09/10/2014			52	No	No	PR00262

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5.1.2	EPA-HQ-OW-2018-0618-0334.1	LA0039390 - Permit files - Expired Permit - DCN PR00262A1	Expired permit for Placid Refining Company (LA0039390). Permit effective date of May 1, 2009 and expired on April 30, 2014.	Permit, Registration	Louisiana DEPT Envir Quality	04/13/2009			49	No	No	PR00262A1
5.1.2	EPA-HQ-OW-2018-0618-0334.2	LA0039390 - Permit files - Application - DCN PR00262A2	NPDES Permit application for Placid Refining Company (LA0039390).	Permit, Registration	Placid Refining Company LLC	10/30/2013			134	No	No	PR00262A2
5.1.2	EPA-HQ-OW-2018-0618-0335	LA0045683 - Permit files - Permit - DCN PR00263	Final NPDES Permit for Garyville Refinery (LA0045683). Permit effective May 1, 2014 with an expiration date of April 30, 2019.	Permit, Registration	Louisiana DEPT Envir Quality	04/25/2014			67	No	No	PR00263

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5.1.2	EPA-HQ-OW-2018-0618-0335.1	LA0045683 - Permit files - Expired Permit - DCN PR00263A1	Expired permit for Garyville Refinery (LA0045683). Permit effective date of January 1, 2005 and expired on December 31, 2009.	Permit, Registration	Louisiana DEPT Envir Quality	12/10/2004			63	No	No	PR00263A1
5.1.2	EPA-HQ-OW-2018-0618-0335.2	LA0045683 - Permit files - Application Part 1 - DCN PR00263A2	NPDES Permit application (part 1 of 3) for Garyville Refinery (LA0045683).	Permit, Registration	URS Corporation	12/18/2012			46	No	No	PR00263A2
5.1.2	EPA-HQ-OW-2018-0618-0335.3	LA0045683 - Permit files - Application Part 2 - DCN PR00263A3	NPDES Permit application (part 2 of 3) for Garyville Refinery (LA0045683).	Permit, Registration	URS Corporation	12/18/2012			38	No	No	PR00263A3

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5.1.2	EPA-HQ-OW-2018-0618-0335.4	LA0045683 - Permit files - Application Part 3 - DCN PR00263A4	NPDES Permit appplication (part 3 of 3) for Garyville Refinery (LA0045683).	Permit, Registration	URS Corporation	12/18/2012			131	No	No	PR00263A4
5.1.2	EPA-HQ-OW-2018-0618-0336	LA0051942 - Permit files - Permit - DCN PR00264	Final NPDES Permit for Krotz Springs Refinery (LA0051942). Permit effective November 1, 2009 with an expiration date of October 31, 2014.	Permit, Registration	Louisiana DEPT Envir Quality	09/22/2009			54	No	No	PR00264
5.1.2	EPA-HQ-OW-2018-0618-0336.1	LA0051942 - Permit files - Expired Permit - DCN PR00264A1	Expired permit for Krotz Springs Refinery (LA0051942). Permit effective date of December 1, 2005 and expired on November 30, 2010.	Permit, Registration	Louisiana DEPT Envir Quality	11/07/2005			52	No	No	PR00264A1

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5.1.2	EPA-HQ-OW-2018-0618-0336.2	LA0051942 - Permit files - Application - DCN PR00264A2	NPDES Permit appplication for Krotz Springs Refinery (LA0051942).	Permit, Registration	Alon USA	01/07/2009			128	No	No	PR00264A2
5.1.2	EPA-HQ-OW-2018-0618-0337	LA0052051 - Permit files - Permit - DCN PR00265	Final NPDES Permit for St. Charles Refinery (LA0052051). Permit effective December 1, 2012 with an expiration date of November 30, 2017.	Permit, Registration	Louisiana DEPT Envir Quality	10/31/2012			62	No	No	PR00265
5.1.2	EPA-HQ-OW-2018-0618-0337.1	LA0052051 - Permit files - Expired Permit - DCN PR00265A1	Expired permit for St. Charles Refinery (LA0052051). Permit effective date of January 1, 2009 and expired on December 31, 2013.	Permit, Registration	Louisiana DEPT Envir Quality	11/21/2008			88	No	No	PR00265A1

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5.1.2	EPA-HQ-OW-2018-0618-0337.2	LA0052051 - Permit files - Application Part 1 - DCN PR00265A2	NPDES Permit appplication (part 1 of 3) for St. Charles Refinery (LA0052051).	Permit, Registration	Valero Refining	07/03/2012			148	No	No	PR00265A2
5.1.2	EPA-HQ-OW-2018-0618-0337.3	LA0052051 - Permit files - Application Part 2 - DCN PR00265A3	NPDES Permit appplication (part 2 of 3) for St. Charles Refinery (LA0052051).	Permit, Registration	Valero Refining	07/03/2012			211	No	No	PR00265A3
5.1.2	EPA-HQ-OW-2018-0618-0337.4	LA0052051 - Permit files - Application Part 3 - DCN PR00265A4	NPDES Permit appplication (part 3 of 3) for St. Charles Refinery (LA0052051).	Permit, Registration	Valero Refining	07/03/2012			316	No	No	PR00265A4

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5.1.2	EPA-HQ-OW-2018-0618-0540	LA0052370 - Permit files - Permit - DCN PR00266	Final NPDES Permit for Lake Charles Crude Oil Refinery (LA0052370). Permit effective February 1, 2013 with an expiration date of January 31, 2018.	Permit, Registration	Louisiana DEPT Envir Quality	01/16/2013			52	No	No	PR00266
5.1.2	EPA-HQ-OW-2018-0618-0540.1	LA0052370 - Permit files - Expired Permit - DCN PR00266A1	Expired permit for Calcasieu Refining Company (LA0052370). Permit effective date of June 1, 2007 and expired on May 31, 2012.	Permit, Registration	Louisiana DEPT Envir Quality	05/08/2007			69	No	No	PR00266A1
5.1.2	EPA-HQ-OW-2018-0618-0540.2	LA0052370 - Permit files - Application Part 1 - DCN PR00266A2	NPDES Permit application (part 1 of 2) for Calcasieu Refining Company (LA0052370).	Permit, Registration	Calcasieu Refining Company	12/02/2011			76	No	No	PR00266A2

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5.1.2	EPA-HQ-OW-2018-0618-0540.3	LA0052370 - Permit files - Application Part 2 - DCN PR00266A3	NPDES Permit appplication (part 2 of 2) for Calcasieu Refining Company (LA0052370).	Permit, Registration	Calcasieu Refining Company	12/02/2011			37	No	No	PR00266A3
5.1.2	EPA-HQ-OW-2018-0618-0541	LA0054216 - Permit files - Permit - DCN PR00267	Final NPDES Permit for St. Rose Refinery (LA0054216). Permit effective April 1, 2012 with an expiration date of March 31, 2017.	Permit, Registration	Louisiana DEPT Envir Quality	03/15/2012			61	No	No	PR00267
5.1.2	EPA-HQ-OW-2018-0618-0541.1	LA0054216 - Permit files - Expired Permit - DCN PR00267A1	Expired permit for St. Rose Refinery (LA0054216). Permit effective date of July 1, 2006 and expired on June 30, 2011.	Permit, Registration	Louisiana DEPT Envir Quality	05/22/2006			49	No	No	PR00267A1

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5.1.2	EPA-HQ-OW-2018-0618-0541.2	LA0054216 - Permit files - Application - DCN PR00267A2	NPDES Permit appplication for St. Rose Refinery (LA0054216).	Permit, Registration	Shell Chemical L.P.	12/17/2010			112	No	No	PR00267A2
5.1.2	EPA-HQ-OW-2018-0618-0338	MS0001481 - Permit files - Permit - DCN PR00268	Final NPDES Permit for Pascagoula Refinery (MS0001481). Permit effective April 26, 2012 with an expiration date of March 31, 2017.	Permit, Registration	Mississippi Dept of Envr Quality	04/26/2012			62	No	No	PR00268
5.1.2	EPA-HQ-OW-2018-0618-0339	MS0001686 - Permit files - Permit - DCN PR00269	Final NPDES Permit for Hunt Southland Refining Company (MS0001686). Permit effective July 16, 2010 with an expiration date of June 30, 2015.	Permit, Registration	Mississippi Dept of Envr Quality	07/16/2010			28	No	No	PR00269

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5.1.2	EPA-HQ-OW-2018-0618-0339.1	MS0001686 - Permit files - Expired Permit - DCN PR00269A1	Expired permit for Hunt Southland Refining Company (MS0001678). Permit effective date of September 14, 2005 and expired on August 31, 2010.	Permit, Registration	Mississippi Dept of Envr Quality	09/14/2005			31	No	No	PR00269A1
5.1.2	EPA-HQ-OW-2018-0618-0339.2	MS0001686 - Permit files - Draft Permit - DCN PR00269A2	Draft of NPDES Permit for Hunt Southland Refining Company (MS0001686).	Permit, Registration	Mississippi Dept of Envr Quality				28	No	No	PR00269A2
5.1.2	EPA-HQ-OW-2018-0618-0340	MS0034711 - Permit files - Permit - DCN PR00270	Final NPDES Permit for Ergon Refining Inc (MS0034711). Permit effective April 25, 2012 with an expiration date of March 31, 2017.	Permit, Registration	Mississippi Dept of Envr Quality	04/25/2012			70	No	No	PR00270

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5.1.2	EPA-HQ-OW-2018-0618-0341	MS0060976 - Permit files - Permit - DCN PR00271	Final NPDES Permit for Vicksburg Petroleum Products LLC (MS0060976). Permit effective March 20, 2013 with an expiration date of February 28, 2018.	Permit, Registration	Mississippi Dept of Envr Quality	03/20/2013			44	No	No	PR00271
5.1.2	EPA-HQ-OW-2018-0618-0342	NJ0001511 - Permit files - Permit - DCN PR00272	Final NPDES Permit for Phillips 66 Company (NJ0001511). Permit effective October 10, 2013 with an expiration date of September 30, 2018.	Permit, Registration	New Jersey Dept of Env Protect.	07/11/2013			89	No	No	PR00272
5.1.2	EPA-HQ-OW-2018-0618-0342.1	NJ0001511 - Permit files - Draft Permit - DCN PR00272A1	Draft NPDES Permit for Phillips 66 Company (NJ0001511).	Permit, Registration	New Jersey Dept of Env Protect.	02/01/2013			154	No	No	PR00272A1

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5.1.2	EPA-HQ-OW-2018-0618-0342.2	NJ0001511 - Permit files - Minor modification - DCN PR00272A2	Minor modification to NPDES Permit for Phillips 66 Company (NJ0001511). Permit effective October 10, 2013 with an expiration date of September 30, 2018.	Permit, Registration	New Jersey Dept of Env Protect.	07/16/2013			48	No	No	PR00272A2
5.1.2	EPA-HQ-OW-2018-0618-0542	NJ0005029 - Permit files - Permit - DCN PR00273	Final NPDES Permit for Paulsboro Refining Co LLC (NJ0005029). Permit effective October 1, 2015 with an expiration date of September 30, 2020.	Permit, Registration	New Jersey Dept of Env Protect.	09/14/2015			43	No	No	PR00273
5.1.2	EPA-HQ-OW-2018-0618-0542.1	NJ0005029 - Permit files - Application Part 1 - DCN PR00273A1	Application to renew NDPES Permit NJ0005029 (Part 1 of 3).	Permit, Registration	Paulsboro Refining Company	03/01/2011			29	No	No	PR00273A1

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5.1.2	EPA-HQ-OW-2018-0618-0542.2	NJ0005029 - Permit files - Application Part 2 - DCN PR00273A2	Application to renew NDPES Permit NJ0005029 (Part 2 of 3).	Permit, Registration	Paulsboro Refining Company	03/01/2011			2	No	No	PR00273A2
5.1.2	EPA-HQ-OW-2018-0618-0542.3	NJ0005029 - Permit files - Application Part 3 - DCN PR00273A3	Application to renew NDPES Permit NJ0005029 (Part 3 of 3).	Permit, Registration	Paulsboro Refining Company	03/01/2011			41	No	No	PR00273A3
5.1.2	EPA-HQ-OW-2018-0618-0542.4	NJ0005029 - Permit files - Water Balance Diagram - DCN PR00273A4	Estimated Refinery Water Balance Average Conditions	Permit, Registration	Paulsboro Refining Company	01/01/2011			1	No	No	PR00273A4

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5.1.2	EPA-HQ-OW-2018-0618-0542.5	NJ0005029 - Permit files - Draft Permit Action - DCN PR00273A5	Draft NJPDES permit action for Permit NJ0005029 to incorporate annual monitoring requirements for PCBs.	Permit, Registration	New Jersey Dept of Env Protect.	02/08/2010			15	No	No	PR00273A5
5.1.2	EPA-HQ-OW-2018-0618-0542.6	NJ0005029 - Permit files - Draft Renewal Permit Action Part 1 - DCN PR00273A6	Draft surface water permit action (part 1 of 2) for NPDES Permit NJ0005029.	Permit, Registration	New Jersey Dept of Env Protect.				47	No	No	PR00273A6
5.1.2	EPA-HQ-OW-2018-0618-0542.7	NJ0005029 - Permit files - Draft Renewal Permit Action Part 2 - DCN PR00273A7	Draft surface water permit action (part 2 of 2) for NPDES Permit NJ0005029.	Permit, Registration	New Jersey Dept of Env Protect.				31	No	No	PR00273A7

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5.1.2	EPA-HQ-OW-2018-0618-0542.8	NJ0005029 - Permit files - Draft Permit Action - DCN PR00273A8	Draft NJPDES permit action for Permit NJ0005029.	Permit, Registration	New Jersey Dept of Env Protect.	11/29/2006			34	No	No	PR00273A8
5.1.2	EPA-HQ-OW-2018-0618-0237	OH0002461 - Permit files - Permit - DCN PR00274	Final NPDES Permit for BP-Husky Refining, LLC (OH0002461). Permit effective January 1, 2015 with an expiration date of July 31, 2019.	Permit, Registration	Ohio Environmental Protection Agency	11/25/2014			36	No	No	PR00274
5.1.2	EPA-HQ-OW-2018-0618-0237.1	OH0002461 - Permit files - Expired Permit - DCN PR00274A1	Expired NPDES Permit for Toldeo Refinery (OH0002461). Permit effective date of September 1, 2009 with an expiration date of July 31, 2014.	Permit, Registration	Ohio Environmental Protection Agency	07/22/2009			41	No	No	PR00274A1

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5.1.2	EPA-HQ-OW-2018-0618-0237.2	OH0002461 - Permit files - Fact Sheet - DCN PR00274A2	Fact Sheet for NPDES Permit for BP-Husky Refining LLC (OH0002461).	Permit, Registration	Ohio Environmental Protection Agency	10/02/2014			45	No	No	PR00274A2
5.1.2	EPA-HQ-OW-2018-0618-0343	OK0000256 - Permit files - Permit - DCN PR00275	Final NPDES Permit for Ponca City Refinery (OK0000256). Permit has an expiration date of July 31, 2016.	Permit, Registration	Oklahoma Dept of Envr Quality	01/01/2014			44	No	No	PR00275
5.1.2	EPA-HQ-OW-2018-0618-0344	OK0001295 - Permit files - Draft Permit - DCN PR00276	Permit Memorandum for Valero Ardmore Refinery (SIC 2911).	Permit, Registration	Oklahoma Dept of Envr Quality	12/31/2013			175	No	No	PR00276

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5.1.2	EPA-HQ-OW-2018-0618-0344.1	OK0001295 - Permit files - Draft Permit - DCN PR00276A1	Draft Permit for Valero Ardmore Refinery (OK0001295).	Permit, Registration	Oklahoma Dept of Envr Quality	01/01/2007			40	No	No	PR00276A1
5.1.2	EPA-HQ-OW-2018-0618-0344.2	OK0001295 - Permit files - Draft Permit - DCN PR00276A2	Draft Permit for Valero Ardmore Refinery (OK0001295).	Permit, Registration	Oklahoma Dept of Envr Quality	01/01/2011			28	No	No	PR00276A2
5.1.2	EPA-HQ-OW-2018-0618-0345	PA0011533 - Permit files - Permit - DCN PR00277	Final NPDES Permit for Girard Point Processing Area (PA0011533). Permit effective November 1, 2012 with an expiration date of October 31, 2017.	Permit, Registration	Pennsylvania Dept of Envr Protect.	09/13/2012			42	No	No	PR00277

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5.1.2	EPA-HQ-OW-2018-0618-0245	PA0012629 - Permit files - DCN PR00278	Final NPDES Permit for Point Breeze Processing Area (PA0012629). Permit effective September 1, 2013 with an expiration date of August 31, 2018.	Permit, Registration	Pennsylvania Dept of Envr Protect.	07/08/2013			36	No	No	PR00278
5.1.2	EPA-HQ-OW-2018-0618-0246	PA0012637 - Permit files - Permit - DCN PR00279	Final NPDES Permit for Trainer Refinery (PA0012637). Permit effective March 1, 2013 with an expiration date of February 28, 2017.	Permit, Registration	Pennsylvania Dept of Envr Protect.	02/14/2012			42	No	No	PR00279
5.1.2	EPA-HQ-OW-2018-0618-0247	TX0002976 - Permit files - Permit - DCN PR00280	Final NPDES Permit for Valero Refining-Texas, L.P. (TX0002976). Permit issued on December 3, 2014 with an expiration date of September 1, 2017.	Permit, Registration	Texas Commision on Environmental Quality	12/03/2014			35	No	No	PR00280

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5.1.2	EPA-HQ-OW-2018-0618-0247.1	TX0002976 - Permit files - Application - DCN PR00280A1	Application to renew NDPES Permit TX0002976 for Houston Refinery.	Permit, Registration	Texas Commision on Environmental Quality	02/27/2015			336	No	No	PR00280A1
5.1.2	EPA-HQ-OW-2018-0618-0248	TX0003204 - Permit files - Permit - DCN PR00281	Final NPDES Permit for South Hampton Resources, Inc. (TX0003204). Permit issued on May 21, 2007 with an expiration date of August 1, 2011.	Permit, Registration	Texas Commision on Environmental Quality	05/21/2007			38	No	No	PR00281
5.1.2	EPA-HQ-OW-2018-0618-0248.1	TX0003204 - Permit files - Files - DCN PR00281A1	Files regarding NDPES Permit TX0003204 for South Hampton Resources, Inc.	Permit, Registration	Texas Commision on Environmental Quality	06/18/2009			219	No	No	PR00281A1

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5.1.2	EPA-HQ-OW-2018-0618-0248.2	TX0003204 - Permit files - Statement of Basis - DCN PR00281A2	Statement of basis/technical summary and Executive Director's preliminary decision for NPDES Permit TX0003204.	Permit, Registration	Texas Commision on Environmental Quality	03/11/2009			41	No	No	PR00281A2
5.1.2	EPA-HQ-OW-2018-0618-0249	TX0003247 - Permit files - Permit - DCN PR00282	Final NPDES Permit for Lyondell-Citgo Refining LLP (TX0003247). Permit issued on November 14, 2005 with an expiration date of September 1, 2009.	Permit, Registration	Texas Commision on Environmental Quality	11/14/2005			63	No	No	PR00282
5.1.2	EPA-HQ-OW-2018-0618-0249.1	TX0003247 - Permit files - Files - DCN PR00282A1	Files regarding NDPES Permit TX0003247 for Houston Refining Plant.	Permit, Registration	Texas Commision on Environmental Quality	11/24/2009			407	No	No	PR00282A1

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5.1.2	EPA-HQ-OW-2018-0618-0250	TX0003522 - Permit files - Files - DCN PR00283	Files regarding NDPEs Permit TX0003522.	Permit, Registration	Texas Commision on Environmental Quality	09/29/2010			334	No	No	PR00283
5.1.2	EPA-HQ-OW-2018-0618-0251	TX0003697 - Permit files - Fact Sheet - DCN PR00284	Fact sheet and Executive Director's preliminary decision for Marathon Petroleum Company LLC (TX0003697).	Permit, Registration	Texas Commision on Environmental Quality	02/16/2010			28	No	No	PR00284
5.1.2	EPA-HQ-OW-2018-0618-0251.1	TX0003697 - Permit files - Files - DCN PR00284A1	Files regarding NDPEs Permit TX0003697.	Permit, Registration	Texas Commision on Environmental Quality	12/22/2010			369	No	No	PR00284A1

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5.1.2	EPA-HQ-OW-2018-0618-0252	TX0004201 - Permit files - Permit - DCN PR00285	Final NPDES Permit for Port Arthur Refinery (TX0004201). Permit issued on October 10, 2006 with an expiration date of August 1, 2011.	Permit, Registration	Texas Commision on Environmental Quality	10/10/2006			36	No	No	PR00285
5.1.2	EPA-HQ-OW-2018-0618-0252.1	TX0004201 - Permit files - Files - DCN PR00285A1	Files regarding NDPES Permit TX0004201.	Permit, Registration	Texas Commision on Environmental Quality	09/26/2006			369	No	No	PR00285A1
5.1.2	EPA-HQ-OW-2018-0618-0253	TX0004626 - Permit files - Permit - DCN PR00286	Final NPDES Permit for Pasadena Refinery (TX0004626). Permit issued on December 19, 2003 with an expiration date of May 1, 2008.	Permit, Registration	Texas Commision on Environmental Quality	03/17/2005			16	No	No	PR00286

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5.1.2	EPA-HQ-OW-2018-0618-0253.1	TX0004626 - Permit files - Files - DCN PR00286A1	Files regarding NPDES Permit TX0004626.	Permit, Registration	Texas Commision on Environmental Quality	03/12/2008			221	No	No	PR00286A1
5.1.2	EPA-HQ-OW-2018-0618-0254	TX0004871 - Permit files - Permit - DCN PR00287	Final NPDES Permit for Shell Deer Park Refinery (TX0004871). Permit issued on May 15, 2012 with an expiration date of May 1, 2015.	Permit, Registration	Texas Commision on Environmental Quality	05/15/2012			41	No	No	PR00287
5.1.2	EPA-HQ-OW-2018-0618-0254.1	TX0004871 - Permit files - Files - DCN PR00287A1	Files regarding NPDES Permit TX0004871.	Permit, Registration	Texas Commision on Environmental Quality	05/10/2014			878	No	No	PR00287A1

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5.1.2	EPA-HQ-OW-2018-0618-0254.2	TX0004871 - Permit files - Fact Sheet - DCN PR00287A2	Fact sheet and Executive Director's preliminary decision for Shell Deer Park Refinery (TX0004871).	Permit, Registration	Texas Commision on Environmental Quality	05/07/2012			51	No	No	PR00287A2
5.1.2	EPA-HQ-OW-2018-0618-0255	TX0005835 - Permit files - Permit - DCN PR00288	Final NPDES Permit for Port Arthur Refinery (TX0005835). Permit issued on August 20, 2014 with an expiration date of July 1, 2018.	Permit, Registration	Texas Commision on Environmental Quality	08/20/2014			37	No	No	PR00288
5.1.2	EPA-HQ-OW-2018-0618-0255.1	TX0005835 - Permit files - Files - DCN PR00288A1	Files regarding NPDES Permit TX0005835.	Permit, Registration	Texas Commision on Environmental Quality	11/17/2014			157	No	No	PR00288A1

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5.1.2	EPA-HQ-OW-2018-0618-0256	TX0005991 - Permit files - Permit - DCN PR00289	Final NPDES Permit for the Premcor Refining Group, Inc. (TX0005991). Permit issued on December 16, 2002 with an expiration date of July 1, 2005.	Permit, Registration	Texas Commision on Environmental Quality	12/16/2002			31	No	No	PR00289
5.1.2	EPA-HQ-OW-2018-0618-0256.1	TX0005991 - Permit files - Files - DCN PR00289A1	Files regarding NPDES Permit TX0005991.	Permit, Registration	Texas Commision on Environmental Quality	12/20/2006			199	No	No	PR00289A1
5.1.2	EPA-HQ-OW-2018-0618-0257	TX0006009 - Permit files - Permit - DCN PR00290	Final NPDES Permit for Valero Texas City Refinery (TX0006009). Permit issued on December 3, 2014 with an expiration date of November 1, 2018.	Permit, Registration	Texas Commision on Environmental Quality	12/03/2014			38	No	No	PR00290

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5.1.2	EPA-HQ-OW-2018-0618-0258	TX0006271 - Permit files - Permit - DCN PR00291	Final NPDES Permit for ExxonMobil Baytown Refinery Complex (TX0006271). Permit has an expiration date of July 1, 2020.	Permit, Registration	Texas Commision on Environmental Quality	07/01/2015			48	No	No	PR00291
5.1.2	EPA-HQ-OW-2018-0618-0258.1	TX0006271 - Permit files - Files - DCN PR00291A1	Files regarding NPDES Permit TX0006271.	Permit, Registration	Texas Commision on Environmental Quality	01/01/2013			496	No	No	PR00291A1
5.1.2	EPA-HQ-OW-2018-0618-0258.2	TX0006271 - Permit files - Fact Sheet - DCN PR00291A2	Fact sheet and executive director's preliminary decision for ExxonMobil Baytown Complex (TX0006271).	Permit, Registration	Texas Commision on Environmental Quality	05/08/2014			57	No	No	PR00291A2

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5.1.2	EPA-HQ-OW-2018-0618-0259	TX0006289 - Permit files - Permit - DCN PR00292	Final NPDES Permit for FHR West Refinery and Mid-Terminal (TX0006289). Permit issued on January 22, 2014 with an expiration date of June 1, 2015.	Permit, Registration	Texas Commision on Environmental Quality	01/22/2014			59	No	No	PR00292
5.1.2	EPA-HQ-OW-2018-0618-0259.1	TX0006289 - Permit files - Files - DCN PR00292A1	Files regarding NPDES Permit TX0006289.	Permit, Registration	Texas Commision on Environmental Quality	03/13/2015			498	No	No	PR00292A1
5.1.2	EPA-HQ-OW-2018-0618-0581	TX0006599 - Permit files - Permit - DCN PR00293	Final NPDES Permit for East Refinery (TX0006599). Permit issued on May 17, 2011 with an expiration date of June 1, 2015.	Permit, Registration	Texas Commision on Environmental Quality	05/17/2011			55	No	No	PR00293

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5.1.2	EPA-HQ-OW-2018-0618-0581.1	TX0006599 - Permit files - Files - DCN PR00293A1	Files regarding NPDES Permit TX0006289.	Permit, Registration	Texas Commision on Environmental Quality	02/09/2015			314	No	No	PR00293A1
5.1.2	EPA-HQ-OW-2018-0618-0260	TX0007536 - Permit files - Permit - DCN PR00294	Final NPDES Permit for Sweeny Refinery and Petrochemical Complex (TX0007536). Permit has an expiration date of June 1, 2015.	Permit, Registration	Texas Commision on Environmental Quality	07/01/2010			39	No	No	PR00294
5.1.2	EPA-HQ-OW-2018-0618-0260.1	TX0007536 - Permit files - Files - DCN PR00294A1	Files regarding NPDES Permit TX0007536.	Permit, Registration	Texas Commision on Environmental Quality	10/22/2012			748	No	No	PR00294A1

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5.1.2	EPA-HQ-OW-2018-0618-0260.2	TX0007536 - Permit files - Fact Sheet - DCN PR00294A2	Fact sheet and Executive Director's preliminary decision for Sweeny Refinery and Petrochemical Complex (TZ0007536).	Permit, Registration	Texas Commision on Environmental Quality	10/11/2012			37	No	No	PR00294A2
5.1.2	EPA-HQ-OW-2018-0618-0261	TX0009148 - Permit files - Files - DCN PR00295	Files regarding NPDES Permit TX0009148.	Permit, Registration	Texas Commision on Environmental Quality	05/22/2010			846	No	No	PR00295
5.1.2	EPA-HQ-OW-2018-0618-0262	TX0063355 - Permit files - Permit - DCN PR00296	Final NPDES Permit for Valero Refining (TX0063355). Permit issued on June 27, 2005 with an expiration date of June 1, 2010.	Permit, Registration	Texas Commision on Environmental Quality	06/27/2005			38	No	No	PR00296

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5.1.2	EPA-HQ-OW-2018-0618-0262.1	TX0063355 - Permit files - Files - DCN PR00296A1	Files regarding NPDES Permit TX0063355.	Permit, Registration	Texas Commision on Environmental Quality	07/16/2010			9	No	No	PR00296A1
5.1.2	EPA-HQ-OW-2018-0618-0263	TX0088331 - Permit files - Permit - DCN PR00297	Final NPDES Permit for TX0088331.	Permit, Registration	Texas Commision on Environmental Quality				35	No	No	PR00297
5.1.2	EPA-HQ-OW-2018-0618-0263.1	TX0088331 - Permit files - Files - DCN PR00297A1	Files regarding NPDES Permit for Three Rivers Refinery (TX0088331).	Permit, Registration	Texas Commision on Environmental Quality	08/29/2008			273	No	No	PR00297A1

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5.1.2	EPA-HQ-OW-2018-0618-0263.2	TX0088331 - Permit files - Fact Sheet - DCN PR00297A2	Fact sheet and Executive Director's preliminary decision for TX0088331.	Permit, Registration	Texas Commision on Environmental Quality	02/02/2007			38	No	No	PR00297A2
5.1.2	EPA-HQ-OW-2018-0618-0556	TX0096474 - Permit files - Permit - DCN PR00298	Final NPDES Permit for BTB Refining, LLC (TX0096474). Permit issued on August 25, 2010 with an expiration date of June 1, 2014.	Permit, Registration	Texas Commision on Environmental Quality	08/25/2010			22	No	No	PR00298
5.1.2	EPA-HQ-OW-2018-0618-0556.1	TX0096474 - Permit files - Files - DCN PR00298A1	Files regarding NPDES Permit for TX0096474.	Permit, Registration	Texas Commision on Environmental Quality	02/25/2015			367	No	No	PR00298A1

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5.1.2	EPA-HQ-OW-2018-0618-0264	TX0104515 - Permit files - Permit - DCN PR00299	Final NPDES Permit for Big Spring Refinery (TX0104515). Permit issued on May 10, 2010 with an expiration date of December 1, 2019.	Permit, Registration	Texas Commision on Environmental Quality	05/10/2010			21	No	No	PR00299
5.1.2	EPA-HQ-OW-2018-0618-0578	TX0115851 - Permit files - Permit - DCN PR00300	Final NPDES Permit for Valero McKee Refinery (TX0115851). Permit issued on March 28, 2011 with an expiration date of October 1, 2015.	Permit, Registration	Texas Commision on Environmental Quality	03/28/2011			73	No	No	PR00300
5.1.2	EPA-HQ-OW-2018-0618-0578.1	TX0115851 - Permit files - Files - DCN PR00300A1	Files regarding NPDES Permit TX0115851.	Permit, Registration	Texas Commision on Environmental Quality	04/05/2011			475	No	No	PR00300A1

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5.1.2	EPA-HQ-OW-2018-0618-0265	TX0118737 - Permit files - Permit - DCN PR00301	Final NPDES Permit for ExxonMobil Beaumont Refinery (TX0118737). Permit issued on July 29, 2011 with an expiration date of August 1, 2011.	Permit, Registration	Texas Commision on Environmental Quality	07/29/2011			23	No	No	PR00301
5.1.2	EPA-HQ-OW-2018-0618-0265.1	TX0118737 - Permit files - Files - DCN PR00301A1	Files regarding NPDES Permit TX0118737.	Permit, Registration	Texas Commision on Environmental Quality	08/02/2011			155	No	No	PR00301A1
5.1.2	EPA-HQ-OW-2018-0618-0266	WA0000761 - Permit files - Permit - DCN PR00302	Final NPDES Permit for Tesoro Refining and Marketing Company LLC (WA0000761). Permit effective on March 1, 2011 with an expiration date of February 28, 2020.	Permit, Registration	Washington Dpeartment of Ecology	07/15/2015			63	No	No	PR00302

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5.1.2	EPA-HQ-OW-2018-0618-0266.1	WA0000761 - Permit files - Expired Permit - DCN PR00302A1	Expired permit for Tesoro Refining and Marketing Company (WA0000761). Permit effective date of May 1, 2006 and expired on May 1, 2011.	Permit, Registration	Washington Dpeartment of Ecology	05/25/2006			44	No	No	PR00302A1
5.1.2	EPA-HQ-OW-2018-0618-0266.2	WA0000761 - Permit files - Fact Sheet - DCN PR00302A2	Fact sheet for NPDES Permit WA0000761 Tesoro Refining & Marketing LLC.	Permit, Registration	Washington Dpeartment of Ecology	05/29/2013			159	No	No	PR00302A2
5.1.2	EPA-HQ-OW-2018-0618-0266.3	WA0000761 - Permit files - Supplemental Fact Sheet - DCN PR00302A3	Supplemental fact sheet for NPDES Permit WA0000761 Tesoro Refining & Marketing Company LLC.	Permit, Registration	Washington Dpeartment of Ecology	10/17/2014			10	No	No	PR00302A3

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5.1.2	EPA-HQ-OW-2018-0618-0266.4	WA0000761 - Permit files - Draft Fact Sheet - DCN PR00302A4	Draft fact sheet for NPDES Permit WA0000761 Tesoro Refining and Marketing.	Permit, Registration	Washington Dpeartment of Ecology	08/09/2005			38	No	No	PR00302A4
5.1.2	EPA-HQ-OW-2018-0618-0267	WA0002941 - Permit files - Permit - DCN PR00303	Final NPDES Permit for Puget Sound Refining Company (WA0002941). Permit effective on July 1, 2008 with an expiration date of July 1, 2013.	Permit, Registration	Washington Dpeartment of Ecology	06/15/2008			56	No	No	PR00303
5.1.2	EPA-HQ-OW-2018-0618-0267.1	WA0002941 - Permit files - Fact Sheet - DCN PR00303A1	Fact sheet for NPDES Permit WA0002941 Shell Oil Products US.	Permit, Registration	Washington Dpeartment of Ecology	05/30/2007			48	No	No	PR00303A1

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5.1.2	EPA-HQ-OW-2018-0618-0267.2	WA0002941 - Permit files - Journal Article - DCN PR00303A2	Article discussing the treatmet of Shell Puget Sound Refinery wastewater containing high concentrations of chemical oxyge demand and total sulfides.	Permit, Registration	Rich Clasen (Shell Oil Company)	06/01/2008			13	No	No	PR00303A2
5.1.2	EPA-HQ-OW-2018-0618-0268	WA0022900 - Permit files - Permit - DCN PR00304	Final NPDES Permit for BP Cherry Point Refinery (WA0022900). Permit effective on March 1, 2012 with an expiration date of March 1, 2017.	Permit, Registration	Washington Dpeartment of Ecology	10/02/2013			60	No	No	PR00304
5.1.2	EPA-HQ-OW-2018-0618-0268.1	WA0022900 - Permit files - Fact Sheet - DCN PR00304A1	Fact sheet for NPDES Permit WA0022900 BP Cherry Point Refinery.	Permit, Registration	Washington Dpeartment of Ecology	02/14/2012			88	No	No	PR00304A1

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5.1.3	EPA-HQ-OW-2018-0618-0155	CBI_Marathon Petroleum Crude Presentation - DCN PR00058	CBI_Powerpoint presentation from Marathon Petroleum on the process used to select and transport crude oil to their refineries.	Meeting Materials	Marathon Petroleum	09/07/2016			1	Yes	No	PR00058
5.1.3	EPA-HQ-OW-2018-0618-0324	Chevron Richmond Refinery Community Outreach Materials - DCN PR00059	Information made available to the community surrounding Chevron's Richmond Refinery related to community education and outreach. Data provided to EPA and ERG during a site visit conducted to the Chevron Richmond Refinery in April 2017.	Data	Chevron	04/12/2017			53	No	No	PR00059
5.1.3	EPA-HQ-OW-2018-0618-0156	Materials from Valero Benicia Refinery for Pre-Site Visit Call - DCN PR00060	Cover email delivering materials in advance of the pre-site visit call with Valero Benicia. Materials include an updated permit (DCN PR00061), a WWT diagram, and refinery overview powerpoint presentation.	Meeting Materials	Valero (Kimberly Ronan)	09/02/2016			2	No	No	PR00060

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5.1.3	EPA-HQ-OW-2018-0618-0156.1	Valero Benicia Wastewater Treatment Plant Diagram - DCN PR00060A1	Diagram of Valero Benicia's wastewater treatment plant.	Meeting Materials	Valero (Kimberly Ronan)	09/02/2016			1	No	No	PR00060A1
5.1.3	EPA-HQ-OW-2018-0618-0156.2	CBI_Valero Venicia Refinery Overview Presentation - DCN PR00060A2	CBI_Powerpoint presentation providing a brief overview of the Valero Benicia Refinery.	Meeting Materials	Valero (Kimberly Ronan)	09/02/2016			1	Yes	No	PR00060A2
5.1.3	EPA-HQ-OW-2018-0618-0168	Pilot Study to Full Scale Treatment - The Moving Bed Biofilm Reactor Experience at the Phillips 66 Borger Refinery - DCN PR00080	Technical paper summarizing the pilot study and full-scale installation a Kaldnes moving bed biofilm reactor (MBBR) at the Phillips 66 Borger Refinery. The technical paper was presented at WEFTEC 2000.	Study	Johnson, Chandler H.; Page, Michael W.	10/14/2000	Johnson, C.H., Page, M.W., 2000. Pilot Study to Full Scale Treatment - The Moving Bed Biofilm Reactor Experience at the Phillips 66 Borger Refinery.		15	No	Yes	PR00080

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5.1.3	EPA-HQ-OW-2018-0618-0169	2007 TPDES/NPDES Wastewater Discharge Permit for Phillips 66 Borger Refinery (TX0009148) - DCN PR00081	Authorization by the Texas Commission on Environmental Quality for Phillips 66 Borger Refinery to discharge wastewater (TX0009148). Issued January 30, 2007.	Permit, Registration	Texas Commission on Environmental Quality	01/30/2007			23	No	No	PR00081
5.1.3	EPA-HQ-OW-2018-0618-0567	Petroleum Refining Technology and Economics, Third Edition - DCN PR00152	Material discussing technology and economics in the Petroleum Refining industry.	Publication; Copyrighted Material	James H. Gary and Glenn E. Handwerk	01/01/1994	Gary, James H., and Glenn E. Handwerk. Petroleum Refining: Technology and Economics, Third Edition.		465	No	Yes	PR00152
5.1.3	EPA-HQ-OW-2018-0618-0302	2016 Energy Information Administration (EIA) Refinery Capacity Data - DCN PR00154	Energy Information Administration (EIA) data on current and projected atmospheric crude oil distillation, downstream charge, and production capacities as of January 1, 2016 based on Form EIA-820, "Annual Refinery Report."	Data	Energy Information Administration (EIA)	06/22/2016			0	No	No	PR00154

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5.1.3	EPA-HQ-OW-2018-0618-0304	Development Document for Effluent Limitations Guidelines and Standards for the Petroleum Refining Point Source Category - DCN PR00157	Development document from 1982 for ELGs for the Petroleum Refining point source category.	Technical Support Document	U.S. EPA	10/01/1982			385	No	No	PR00157
5.1.3	EPA-HQ-OW-2018-0618-0305	Preliminary Data Summary for the Petroleum Refining Category - DCN PR00158	Study to provide information for determining whether the ELGs at the time should be updated or revised.	Study	U.S. EPA	04/01/1996			128	No	No	PR00158
5.1.3	EPA-HQ-OW-2018-0618-0306	Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Petroleum Refining Point Source Category - DCN PR00160	Development document from 1974 for ELGs for the Petroleum Refining point source category.	Technical Support Document	U.S. EPA	04/01/1974			211	No	No	PR00160

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5.1.3	EPA-HQ-OW-2018-0618-0307	AP-42, Compilation of Air Pollutant Emission Factors, Fifth Edition - DCN PR00161	Cover page and table of contents of the compilation of EPA's air pollutant emission factors. See webpage for complete text.	Guidance	U.S. EPA	01/01/1995	Complete text: https://www.epa.gov/air-emissions-factors-and-quantification/ap-42-compilation-air-emissions-factors#5thed		26	No	No	PR00161
5.1.3	EPA-HQ-OW-2018-0618-0308	2010 Petroleum Refining Water/Wastewater Use and Management - DCN PR00162	Report on petroleum refining water/wastewater use and management as part of the IPIECA operations good practice series.	Report	IPIECA	01/01/2010	IPIECA. Petroleum refining water/wastewater use and management. London, United Kingdom, 2010.		60	No	Yes	PR00162
5.1.3	EPA-HQ-OW-2018-0618-0309	2013 Energy Information Administration (EIA) Refinery Capacity Data - DCN PR00163	Energy Information Administration (EIA) data on current and projected atmospheric crude oil distillation, downstream charge, and production capacities as of January 1, 2013 based on Form EIA-820, "Annual Refinery Report."	Data	Energy Information Administration (EIA)	06/21/2013			0	No	No	PR00163

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5.1.3	EPA-HQ-OW-2018-0618-0310	2014 Energy Information Administration (EIA) Refinery Capacity Data - DCN PR00164	Energy Information Administration (EIA) data on current and projected atmospheric crude oil distillation, downstream charge, and production capacities as of January 1, 2014 based on Form EIA-820, "Annual Refinery Report."	Data	Energy Information Administration (EIA)	06/25/2014			0	No	No	PR00164
5.1.3	EPA-HQ-OW-2018-0618-0311	2015 Energy Information Administration (EIA) Refinery Capacity Data - DCN PR00165	Energy Information Administration (EIA) data on current and projected atmospheric crude oil distillation, downstream charge, and production capacities as of January 1, 2015 based on Form EIA-820, "Annual Refinery Report."	Data	Energy Information Administration (EIA)	06/19/2015			0	No	No	PR00165
5.1.3	EPA-HQ-OW-2018-0618-0312	2017 Energy Information Administration (EIA) Refinery Capacity Data - DCN PR00166	Energy Information Administration (EIA) data on current and projected atmospheric crude oil distillation, downstream charge, and production capacities as of January 1, 2017 based on Form EIA-820, "Annual Refinery Report."	Data	Energy Information Administration (EIA)	06/21/2017			0	No	No	PR00166

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5.1.3	EPA-HQ-OW-2018-0618-0313	2018 Energy Information Administration (EIA) Refinery Capacity Data - DCN PR00167	Energy Information Administration (EIA) data on current and projected atmospheric crude oil distillation, downstream charge, and production capacities as of January 1, 2018 based on Form EIA-820, "Annual Refinery Report."	Data	Energy Information Administration (EIA)	06/25/2018			0	No	No	PR00167
5.1.3	EPA-HQ-OW-2018-0618-0315	Air Pollution Emission Control Devices for Stationary Sources - DCN PR00169	Fact sheet, the Air & Waste Management Association (A&WMA), summarizing air pollution emission control devices for stationary sources.	Fact/Data Sheet	Air & Waste Management Association (A&WMA)	04/30/2007			6	No	No	PR00169
5.1.3	EPA-HQ-OW-2018-0618-0316	Time to Say Goodbye to the 16 EPA PAHs? Toward an Up-to-Date Use of PACs for Environmental Purposes - DCN PR00170	Academic review of whether quantification of PAHs based on EPA's 1976 list of 16 priority pollutant PAHs is comprehensive and representative of total PAHs.	Publication; Copyrighted Material	Andersson, Jan T.; Achten, Christine	11/19/2014	Andersson, J.T., Achten, C., 2015. Time to say goodbye to the 16 EPA PAHs? Toward an up-to-date use of PACs for environmental purposes.		25	No	Yes	PR00170

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5.1.3	EPA-HQ-OW-2018-0618-0317	Measurement of Total PAH Concentrations in Sediments and Toxic Units Used for Estimating Risk to Benthic Invertebrates at Manufactured Gas Plant Sites - DCN PR00171	Peer-reviewed journal article documenting a study to evaluate the accuracy of the U.S. EPA's proposed hydrocarbon narcosis model; which estimates sediment contamination for 18 parent PAHs and 16 groups of alkyl PAHs (the 34 PAHs).	Publication; Copyrighted Material	Hawthorne, Steven B.; Miller, David J	07/07/2005	Hawthorne, S.B., Miller, D.J., Kreitinger, J.P.		10	No	Yes	PR00171
5.1.3	EPA-HQ-OW-2018-0618-0318	The Toxicity of Oil Sands Process-Affected Water (OSPW): A Critical Review - DCN PR00172	Peer-reviewed journal article summarizing existing toxicological data derived from in vitro and in vivo exposure studies using different oil sands process-affected water (i.e., crude extraction process wastewater) types, and different taxa of organisms.	Publication; Copyrighted Material	Li, Chao; Fu, Li; Stafford, James; et al	06/11/2017	Li, C., Fu, L., Stafford, J., Belosevic, M., El-Din, M.G., 2017.		18	No	Yes	PR00172
5.1.3	EPA-HQ-OW-2018-0618-0319	Fate and Effect of Naphthenic Acids in Biological Systems - DCN PR00173	Ph. D. dissertation on the occurrence of naphthenic acids in crude oil and refinery wastewater. Study also evaluates biotransformation potential, inhibitory effects, and toxicity of naphthenic acids using quantitative structure-activity relationships.	Report	Misiti, Teresa M.	12/31/2012	Misiti, T.M., 2012. Fate and effective of naphthenic acids in biological systems. Ph.D. Dissertation presented to Georgia Institute of Technology.		260	No	No	PR00173

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5.1.3	EPA-HQ-OW-2018-0618-0320	Fate and Effect of Naphthenic Acids on Oil Refinery Activated Sludge Wastewater Treatment Systems - DCN PR00174	Peer-reviewed journal article summarizing the occurrence of naphthenic acids in refinery wastewater and what factors affect the fate and biodegradation of naphthenic acids in refinery wastewater treatment systems.	Publication; Copyrighted Material	Misiti, Teresa M.; Tezel, Ulas;	10/29/2012	Misiti, T., Tezel, U., Pavlostathis,		12	No	Yes	PR00174
5.1.3	EPA-HQ-OW-2018-0618-0321	Understanding the Contaminants in Unconventional Crudes and Managing their Impact on the Refinery Wastewater Treatment System - DCN PR00175	Technical paper presented at WEFTEC 2014 summarizing observed effects of some of the contaminants associated with Canadian Oil Sands hydrocarbons and light tight oils.	Publication; Copyrighted Material	Syvret, Tina M.; Lordo, Sam A.	10/01/2014	Syvret, T.M., Lordo, S.A., 2014. Understanding the contaminants in unconventional crudes and managing their impact on the refinery wastewater		10	No	Yes	PR00175
5.1.4	EPA-HQ-OW-2018-0618-0145	American Fuel and Petrochemical Manufacturers – February 24, 2015 Meeting Minutes - DCN PR00022	Final notes from a meeting on February 24, 2015 between EPA and AFPM to discuss the detailed study.	Memorandum	Eastern Research Group, Inc.	03/12/2015	Eastern Research Group, Inc. 2015. American Fuel and Petrochemical Manufacturers – February 24, 2015 Meeting Minutes.		12	No	No	PR00022

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5.1.4	EPA-HQ-OW-2018-0618-0147	Summary of June 22, 2016 Conference Call with Marathon Galveston - DCN PR00048	Final Draft - Summarizes June 22, 2016 call with Marathon Galveston Bay concerning the wastewater treatment on site at the Galveston Bay refinery.	Memorandum	Danielle Lewis, Eastern Research Group	07/14/2016			4	No	No	PR00048
5.1.4	EPA-HQ-OW-2018-0618-0147.1	Attachment I to Summary of June 22, 2016 Conference Call with Marathon Galveston - DCN PR00048A1	Final Draft - Attachment to call notes from June 2016 call with Marathon Galveston Bay.	Data	Eastern Research Group, Inc.	07/14/2016			4	No	No	PR00048A1
5.1.4	EPA-HQ-OW-2018-0618-0148	Summary of Marathon Petroleum Crude Selection Process Presentation - DCN PR00049	Final Draft - Notes from presentation from Marathon on crude selection process.	Memorandum	Danielle Lewis, Eastern Research Group	09/13/2016			4	No	No	PR00049

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5.1.4	EPA-HQ-OW-2018-0618-0148.1	Meetingn Notes Attachment 1_Marathon Crude Presentation - NonCBI Data Only - DCN PR00049A1	NonCBI data from the presentation by Marathon on the crude supply and selection process.	Data	Marathon	08/31/2016			13	No	No	PR00049A1
5.1.4	EPA-HQ-OW-2018-0618-0150	Summary of July 9, 2015 Conference Call with California Permit Writers - DCN PR00052	Final Draft - Summarizes July 9, 2015 call with San Francisco Bay Regional Water Quality Control Board Permit Writers. The permit writers discussed the wastewater treatment systems in place at the five SFB refineries, specifically with regards to selenium	Memorandum	Eastern Research Group, Inc.	07/20/2015			4	No	No	PR00052
5.1.4	EPA-HQ-OW-2018-0618-0327	Meeting Minutes - AFPM October 29, 2014 - Final - DCN PR00209	Final draft of meeting minutes from meeting between EPA and American Petrochemical Manufacturers (AFPM) held on October 29, 2015.	Memorandum	Eastern Research Group	03/05/2015			3	No	No	PR00209

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5.1.4	EPA-HQ-OW-2018-0618-0347	Study Status Meeting Notes - DCN PR00327	Notes from a meeting held on September 5, 2019 between EPA and the petroleum refining trade associations (AFPM and API) and trade group members. These notes summarize the topics discussed during the meeting.	Memorandum	Eastern Research Group, Inc.	09/10/2019			2	No	No	PR00327
5.1.4	EPA-HQ-OW-2018-0618-0347.1	Study Status Meeting Attendance List - DCN PR00327A1	List of attendees to the September 5 meeting. List includes those present in person and all call in attendees.	Meeting Materials	Eastern Research Group, Inc.	09/06/2019			1	No	No	PR00327A1
5.2.1	EPA-HQ-OW-2018-0618-0153	Chevron Richmond Refinery NPDES Permit (CA0005134) Effective September 2011 through August 2016 - DCN PR00055	NPDES permit issued by the California Regional Water Quality Control Board to Chevron's Richmond Refinery. Permit expires August 2016.	Permit, Registration	Chevron	01/11/2017			150	No	No	PR00055

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5.2.1	EPA-HQ-OW-2018-0618-0154	Chevron Richmond Refinery NPDES Permit (CA0005134) Effective February 2017 through January 2022 - DCN PR00056	NPDES permit issued by the California Regional Water Quality Control Board to Chevron's Richmond Refinery. Permit expires January 2022.	Permit, Registration	Chevron	01/11/2017			137	No	No	PR00056
5.2.1	EPA-HQ-OW-2018-0618-0574	Phillips 66 Rodeo Refinery NPDES Permit (CA0005053) - DCN PR00057	NPDES permit issued by the San Francisco Bay Regional Water Quality Board to Phillips 66's Rodeo Refinery. Permit expires December 2021.	Permit, Registration	Phillips 66	01/30/2017	https://www.waterboards.ca.gov/sanfranciscobay/board_info/agendas/2016/November/6b_final_to.pdf access 9/16/2019		140	No	No	PR00057
5.2.1	EPA-HQ-OW-2018-0618-0574.1	CBI_Attachment to Phillips 66 Rodeo Refinery NPDES Permit - WWT Diagram - DCN PR00057A1	CBI_Copy of Attachment C for Phillips 66 Rodeo Refinery NPDES Permit. This version is more clear than the Attachment C included in the combined permit file (PR00057).	Data	Phillips 66	01/30/2017			1	Yes	No	PR00057A1

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5.2.1	EPA-HQ-OW-2018-0618-0157	Valero Benicia Refinery NPDES Permit (CA0005550) - DCN PR00061	NPDES permit issued by the San Francisco Bay Regional Water Quality Board to Valero's Benicia Refinery. Permit expires September 2020.	Permit, Registration	Valero	09/02/2016			134	No	No	PR00061
5.2.1	EPA-HQ-OW-2018-0618-0158	Tesoro Martinez Refinery NPDES Permit (CA0004961) - DCN PR00062	NPDES permit issued by the San Francisco Bay Regional Water Quality Board to Tesoro's Martinez Refinery. Permit expires August 2020.	Permit, Registration	Tesoro	01/12/2017			124	No	No	PR00062
5.2.1	EPA-HQ-OW-2018-0618-0159	Shell Martinez Refinery NPDES Permit (CA0005789) - DCN PR00063	NPDES permit issued by the California Regional Water Quality Board to Shell's Martinez Refinery. Permit expires July 2017.	Permit, Registration	EPA Region 10	02/25/2015			138	No	No	PR00063

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5.2.1	EPA-HQ-OW-2018-0618-0200	CBI_Industry-Submitted Analytical Data Cover Letter - DCN PR00092	CBI_Cover letter for the industry analytical data submitted to EPA in December 2017.	Letter	CBI	12/07/2017			1	Yes	No	PR00092
5.2.1	EPA-HQ-OW-2018-0618-0200.1	CBI_Industry-Submitted Analytical Data Workbook - DCN PR00092A1	CBI_Microsoft Excel workbook containing analytical data submitted to EPA from industry in December 2017.	Data	CBI	12/07/2017			0	Yes	No	PR00092A1
5.2.1	EPA-HQ-OW-2018-0618-0532	2019 API List of Refineries and Discharge Status - DCN PR00131	On March 6, 2019, API provided a list of petroleum refineries and discharge status. This submittal includes parent company, location, discharge status, receiving water, and NPDES permit number for 148 facilities.	Data	American Petroleum Institute (API)	03/06/2019			0	No	No	PR00131

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5.2.2	EPA-HQ-OW-2018-0618-0152	Comments from Phillips 66 on Data Request Recipient List - DCN PR00054	Letter from Mark Deese and Steve Marshall (Phillips 66) providing detailed comments on the draft recipient list for the petroleum refining details study data request. Comments are specific to refineries owned all or in part by Phillips 66.	Letter	Phillips 66	03/17/2017			1	No	No	PR00054
5.2.2	EPA-HQ-OW-2018-0618-0165	API Comments on Draft Data Request Recipient List - Notes on Ownership and Joint Ventures - DCN PR00077	Comments from API regarding specific petroleum refineries on EPA's draft Data Request Recipient List that are joint ventures.	E-mail	API (Roger Claff)	03/10/2017			3	No	No	PR00077
5.2.2	EPA-HQ-OW-2018-0618-0166	Marathon Clarification Comments on Draft Data Request Recipient List - DCN PR00078	Comments from Marathon Petroleum Company regarding which of the two petroleum refineries located in Texas City, TX were on the draft Data Request Recipient List.	E-mail	Marathon Petroleum Company, LP	03/13/2017			2	No	No	PR00078

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5.2.2	EPA-HQ-OW-2018-0618-0167	Flint Hills Comment on Draft Data Request Recipient List - DCN PR00079	Comments from Flint Hills Resources regarding selection of only the Corpus Cristi West refinery over the Corpus Christi East refinery for the Data Request Recipient List.	E-mail	Flint Hills Resources (Mark Williamson)	05/17/2017			1	No	No	PR00079
5.2.2	EPA-HQ-OW-2018-0618-0205	Final Petroleum Data Request Helpline Log - PR00100	Tracking sheet for all inquiries received by the Petroleum Refining Data Request helpline and associated responses.	Data	Eastern Research Group, Inc.	01/31/2018			0	No	No	PR00100
5.2.2	EPA-HQ-OW-2018-0618-0206	Final Memorandum: Selecting Recipients for the Petroleum Refining Detailed Study Data Request - DCN PR00101	Memorandum summarizing EPA's approach for selecting specific refineries to complete the Data Request for the Petroleum Refining Industry Detailed Study.	Memorandum	Eastern Research Group, Inc.	07/16/2018			7	No	No	PR00101

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5.2.2	EPA-HQ-OW-2018-0618-0207 and 0138	30 Day Data Request Webinar Slides - DCN PR00103	Powerpoint slides presented during a webinar held for recipients of the Petroleum Refining Detailed Study Data Request.This webinar was held approximately 30 days after the data request was distributed on September 6, 2017.	Publication; Other Governmental	Eastern Research Group, Inc.	09/06/2017			21	No	No	PR00103
5.2.2	EPA-HQ-OW-2018-0618-0208 and 0139	30 Day Data Request Webinar Q&A Documentation - DCN PR00104	Powerpoint slides summarizing the Q&A session occuring at the end of the 30 day webinar. See DCN PR00103 for the webinar slides.	Publication; Other Governmental	Eastern Research Group, Inc.	10/05/2017			12	No	No	PR00104
5.2.2	EPA-HQ-OW-2018-0618-0209 and 0140	List of Attendees for the 30 Day Data Request Webinar - DCN PR00105	List of participants from the Petroleum Refining Detailed Study Data Request 30 Day webinar held on September 6, 2017.	Data	Eastern Research Group, Inc.	09/07/2017			1	No	No	PR00105

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5.2.2	EPA-HQ-OW-2018-0618-0210 and 0141	60 Day Data Request Webinar Slides and Q&A Documentation - DCN PR00106	Webinar held for recipients of the Petroleum Refining Detailed Study Data Request. Webinar was held approximately 60 days after the data request was distributed on October 24, 2017. Slides also address any additional Q&A discussion.	Publication; Other Governmental	Eastern Research Group, Inc.	11/01/2017			26	No	No	PR00106
5.2.2	EPA-HQ-OW-2018-0618-0211 and 0142	List of Attendees for the 60 Day Data Request Webinar - DCN PR00107	List of participants from the Petroleum Refining Detailed Study Data Request 60 Day webinar held on October 24, 2017.	Data	Eastern Research Group, Inc.	10/24/2017			1	No	No	PR00107
5.2.2	EPA-HQ-OW-2018-0618-0212	Data Request for the Petroleum Refining Detailed Study - Blank - DCN PR00110	Blank copy of the data request for the petroleum refining detailed study.	Form	Eastern Research Group, Inc.	07/27/2017			96	No	No	PR00110

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5.2.2	EPA-HQ-OW-2018-0618-0212.1	Part B Section 2 - Data Request for the Petroleum Refining Detailed Study - Blank - DCN PR00110A1	Blank copy of only Part B, Section 2 (desalters) of the data request.	Form	Eastern Research Group, Inc.	07/27/2017			5	No	No	PR00110A1
5.2.2	EPA-HQ-OW-2018-0618-0212.2	Part B Section 3 - Data Request for the Petroleum Refining Detailed Study - Blank - DCN PR00110A2	Blank copy of only Part B, Section 3 (catalytic cracking unit) of the data request.	Form	Eastern Research Group, Inc.	07/27/2017			8	No	No	PR00110A2
5.2.2	EPA-HQ-OW-2018-0618-0212.3	Part B Section 4 - Data Request for the Petroleum Refining Detailed Study - Blank - DCN PR00110A3	Blank copy of only Part B, Section 4 (catalytic reforming unit) of the data request.	Form	Eastern Research Group, Inc.	07/27/2017			7	No	No	PR00110A3

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5.2.2	EPA-HQ-OW-2018-0618-0212.4	Part B Section 8 - Data Request for the Petroleum Refining Detailed Study - Blank - DCN PR00110A4	Blank copy of only Part B, Section 8 (other treatment units prior to end-of-pipe wastewater treatment system) of the data request.	Form	Eastern Research Group, Inc.	07/27/2017			4	No	No	PR00110A4
5.2.2	EPA-HQ-OW-2018-0618-0212.5	Part C Section 3 - Data Request for the Petroleum Refining Detailed Study - Blank - DCN PR00110A5	Blank copy of only Part C, Section 3 (oil/water separation unit) of the data request.	Form	Eastern Research Group, Inc.	07/27/2017			3	No	No	PR00110A5
5.2.2	EPA-HQ-OW-2018-0618-0212.6	Part C Section 4 - Data Request for the Petroleum Refining Detailed Study - Blank - DCN PR00110A6	Blank copy of only Part C, Section 4 (biological treatment system) of the data request.	Form	Eastern Research Group, Inc.	07/27/2017			4	No	No	PR00110A6

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5.2.2	EPA-HQ-OW-2018-0618-0212.7	Part C Section 5 - Data Request for the Petroleum Refining Detailed Study - Blank - DCN PR00110A7	Blank copy of only Part C, Section 5 (filtration/adsorption unit) of the data request.	Form	Eastern Research Group, Inc.	07/27/2017			2	No	No	PR00110A7
5.2.2	EPA-HQ-OW-2018-0618-0212.8	Part C Section 6 - Data Request for the Petroleum Refining Detailed Study - Blank - DCN PR00110A8	Blank copy of only Part C, Section 6 (other treatment unit within end-of-pipe wastewater treatment system) of the data request.	Form	Eastern Research Group, Inc.	07/27/2017			3	No	No	PR00110A8
5.2.2	EPA-HQ-OW-2018-0618-0214	Data Request for the Petroleum Refining Detailed Study Cover Letter to BP - DCN PR00111	Cover letter to BP requesting completion of the data request for specified refineries.	Letter	U.S. EPA	07/25/2017			3	No	No	PR00111

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5.2.2	EPA-HQ-OW-2018-0618-0215	Data Request for the Petroleum Refining Detailed Study Cover Letter to Chevron - DCN PR00112	Cover letter to Chevron requesting completion of the data request for specified refineries.	Letter	U.S. EPA	07/25/2017			3	No	No	PR00112
5.2.2	EPA-HQ-OW-2018-0618-0216	Data Request for the Petroleum Refining Detailed Study Cover Letter to ExxonMobil - DCN PR00113	Cover letter to ExxonMobil requesting completion of the data request for specified refineries.	Letter	U.S. EPA	07/25/2017			3	No	No	PR00113
5.2.2	EPA-HQ-OW-2018-0618-0217	Data Request for the Petroleum Refining Detailed Study Cover Letter to Flint Hills Resources - DCN PR00114	Cover letter to Flint Hills Resources requesting completion of the data request for specified refineries.	Letter	U.S. EPA	07/25/2017			3	No	No	PR00114

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5.2.2	EPA-HQ-OW-2018-0618-0218	Data Request for the Petroleum Refining Detailed Study Cover Letter to Marathon - DCN PR00115	Cover letter to Marathon requesting completion of the data request for specified refineries.	Letter	U.S. EPA	07/25/2017			3	No	No	PR00115
5.2.2	EPA-HQ-OW-2018-0618-0219	Data Request for the Petroleum Refining Detailed Study Cover Letter to Phillips 66 - DCN PR00116	Cover letter to Phillips 66 requesting completion of the data request for specified refineries.	Letter	U.S. EPA	07/25/2017			3	No	No	PR00116
5.2.2	EPA-HQ-OW-2018-0618-0220	Data Request for the Petroleum Refining Detailed Study Cover Letter to Shell - DCN PR00117	Cover letter to Shell requesting completion of the data request for specified refineries.	Letter	U.S. EPA	07/25/2017			3	No	No	PR00117

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5.2.2	EPA-HQ-OW-2018-0618-0221	Data Request for the Petroleum Refining Detailed Study Cover Letter to Tesoro - DCN PR00118	Cover letter to Tesoro requesting completion of the data request for specified refineries.	Letter	U.S. EPA	07/25/2017			3	No	No	PR00118
5.2.2	EPA-HQ-OW-2018-0618-0222	Data Request for the Petroleum Refining Detailed Study Cover Letter to Valero - DCN PR00119	Cover letter to Valero requesting completion of the data request for specified refineries.	Letter	U.S. EPA	07/25/2017			3	No	No	PR00119
5.2.2	EPA-HQ-OW-2018-0618-0326	NonCBI Petroleum Refining Data Request Responses - DCN PR00151	Cover memorandum describing the non-CBI responses to the Petroleum Refining data request released by EPA.	Memorandum	Eastern Research Group, Inc.	07/29/2019			3	No	No	PR00151

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5.2.2	EPA-HQ-OW-2018-0618-0326.1	Entirely NonCBI Responses - DCN PR00151A1	Listing of all responses to the 78 questions of the Petroleum Refining data request with entirely nonCBI responses.	Data	Eastern Research Group, Inc.	09/01/2019			257	No	No	PR00151A1
5.2.2	EPA-HQ-OW-2018-0618-0326.2	Non-CBI Responses to B67 - DCN PR00151A2	Only nonCBI responses to question B.67 of the Petroleum Refining data request.	Data	Eastern Research Group, Inc.	09/01/2019			2	No	No	PR00151A2
5.2.2	EPA-HQ-OW-2018-0618-0346	CBI Data Request for the Petroleum Refining Industry Detailed Study Results Summary Memorandum - DCN PR00197	Final draft of the CBI Data Request for the Petroleum Refining Industry Detailed Study Results Summary Memorandum (PR00130). This version of the memorandum incorporates comments from EPA on the second draft of the memorandum (PR00155).	Memorandum	Kara Edquist Eastern Research Group	09/13/2019			48	Yes	No	PR00197

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5.2.3	EPA-HQ-OW-2018-0618-0146	Site Visit Report Paulsboro Refining Company - DCN PR00047	Final Draft - Site Visit Report for Paulsboro refinery.	Report	Eastern Research Group, Inc.	08/17/2015			33	No	No	PR00047
5.2.3	EPA-HQ-OW-2018-0618-0149	Valero Benicia Refinery, September 6, 2016 Site Call - Meeting Minutes - DCN PR00050	Final Draft - Summary of discussion with Valero Benicia concerning their wastewater treatment and management practices.	Memorandum	Eastern Research Group, Inc.	09/19/2016			7	No	No	PR00050
5.2.3	EPA-HQ-OW-2018-0618-0149.1	Appendix B to Valero Benicia Refinery, September 6, 2016 Site Call - Meeting Minutes - DCN PR00050A1	Final Draft - Attachment to notes from call with Valero Benicia Refinery.	Data	Eastern Research Group, Inc.	09/19/2016			1	No	No	PR00050A1

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5.2.3	EPA-HQ-OW-2018-0618-0160	San Francisco Bay Region Mercury and PCBs Permit (CA0038849) - PR00065	Waste discharge requirements for mercury and PCBs from municipal and industrial wastewater discharges to the San Fransico Bay. Applies to the Bay Area refineries.	Permit, Registration	San Francisco Bay Reg Wtr QC Board	01/01/2013			88	No	No	PR00065
5.2.3	EPA-HQ-OW-2018-0618-0170	Tesoro Martinez Refinery Site Visit Report - FINAL - DCN PR00082	Final version of the site visit report for visit to Tesoro Martinez Refinery in Martinez, CA. Visit held on April 13, 2017. This draft includes updates based on comments from EPA and Tesoro Martinez.	Report	Eastern Research Group, Inc.	07/28/2017			25	No	No	PR00082
5.2.3	EPA-HQ-OW-2018-0618-0171	Chevron Richmond Refinery Site Visit Report - FINAL - DCN PR00083	Final version of the site visit report for visit to Chevron Richmond Refinery in Richmond, CA. Visit held on April 12, 2017. This draft includes updates based on comments from EPA and Chevron.	Report	Eastern Research Group, Inc.	08/16/2017			24	No	No	PR00083

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5.2.3	EPA-HQ-OW-2018-0618-0171.1	Appendix C to Chevron Richmond Refinery Site Visit Report - DCN PR00083A1	Appendix C includes a diagram of Chevron Richmond's wastewater treatment system.	Data	Eastern Research Group, Inc.	08/16/2017			1	No	No	PR00083A1
5.2.3	EPA-HQ-OW-2018-0618-0172	Sanitized Valero Benicia SVR_Final - PR00084	Site Visit Report for the April 11, 2017 tour of the Valero Benicia refinery in Benicia, CA. This draft includes updates based on comments from EPA and Valero.	Report	Eastern Research Group, Inc.	09/05/2017			18	No	No	PR00084
5.2.3	EPA-HQ-OW-2018-0618-0173	CBI_Valero Benicia SVR_Final - PR00085	Site Visit Report for the April 11, 2017 tour of the Valero Benicia refinery in Benicia, CA. Includes photos. This draft includes updates based on comments from EPA and Valero.	Report	Eastern Research Group, Inc.	09/05/2017			23	No	No	PR00085

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5.2.3	EPA-HQ-OW-2018-0618-0174	Shell Martinez SVR_Final - PR00086	Site Visit Report for the April 14, 2017 tour of the Shell Martinez refinery in Martinez, CA. This draft includes updates based on comments from EPA and Shell.	Report	Eastern Research Group, Inc.	10/20/2017			24	No	No	PR00086
5.2.3	EPA-HQ-OW-2018-0618-0175	Shell Martinez Call Minutes_Final - PR00087	Minutes from the February 6, 2017 site call with Shell Martinez prior to the site visit.	Report	Eastern Research Group, Inc.	10/20/2017			8	No	No	PR00087
5.2.3	EPA-HQ-OW-2018-0618-0175.1	Shell Martinez Call Minutes - Appendix B - PR00087A1	Appendix B to the Shell Martinz Call Minutes. Provides a diagram of the chemical precipitation system at Shell Martinez.	Data	Shell	10/20/2017			1	No	No	PR00087A1

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5.2.3	EPA-HQ-OW-2018-0618-0175.2	Shell Martinez Call Minutes - Appendix C - PR00087A2	Appendix C to the Shell Martinz Call Minutes. Provides a diagram of the flexicoker treatment system at Shell Martinez.	Data	Shell	10/20/2017			1	No	No	PR00087A2
5.2.3	EPA-HQ-OW-2018-0618-0201	Shell Convent Refinery Site Visit Report - FINAL - DCN PR00095	Final version of the site visit report for visit to Shell Convent Refinery in Convent, LA. Visit held on September 19, 2017. This draft includes updates based on comments from EPA and Shell.	Report	Eastern Research Group, Inc.	02/26/2018			17	No	No	PR00095
5.2.3	EPA-HQ-OW-2018-0618-0201.1	Appendix B to Shell Convent Refinery Site Visit Report - DCN PR00095A1	Appendix B includes a a copy of the presentation given by Shell during the visit to the Shell Convent Refinery.	Data	Eastern Research Group, Inc.	02/26/2018			19	No	No	PR00095A1

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5.2.3	EPA-HQ-OW-2018-0618-0201.2	Appendix C to Shell Convent Refinery Site Visit Report - DCN PR00095A2	Appendix C includes a diagram of the wastewater treatment system for the Shell Convent Refinery.	Data	Eastern Research Group, Inc.	02/26/2018			1	No	No	PR00095A2
5.2.3	EPA-HQ-OW-2018-0618-0201.3	Appendix D to Shell Convent Refinery Site Visit Report - DCN PR00095A3	Appendix D includes a log of photographs taken during the visit to Shell Convent Refinery.	Data	Eastern Research Group, Inc.	02/26/2018			16	No	No	PR00095A3
5.2.3	EPA-HQ-OW-2018-0618-0202	Final Phillips 66 Alliance Refinery Site Visit Report - DCN PR00096	ERG and EPA conducted a site visit to Phillips 66 Alliance Refinery on September 20, 2017. This report summarizes information collected as part of the site visit.	Report	Eastern Research Group, Inc.	03/01/2018			15	No	No	PR00096

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5.2.3	EPA-HQ-OW-2018-0618-0202.1	Final Phillips 66 Alliance Refinery Site Visit Report Appendix B: Alliance Refinery Presentation - DCN PR00096A1	Presentation provided by Phillips 66 to ERG and EPA during the site visit at Phillips 66 Alliance Refinery on September 20, 2017.	Meeting Materials	Phillips 66 Alliance Refinery	09/20/2017			21	No	No	PR00096A1
5.2.3	EPA-HQ-OW-2018-0618-0202.2	Final Phillips 66 Alliance Refinery Site Visit Report Appendix C: Alliance Refinery Wastewater Treatment System Diagram - DCN PR00096A2	Wastewater treatment system diagram identifying potential sampling points at Phillips 66 Alliance Refinery.	Data	Phillips 66 Alliance Refinery	09/20/2017			1	No	No	PR00096A2
5.2.3	EPA-HQ-OW-2018-0618-0202.3	Final Phillips 66 Alliance Refinery Site Visit Report Appendix D: Alliance Refinery Existing Sampling Locations - DCN PR00096A3	Photos of potential sampling points at Phillips 66 Alliance Refinery.	Data	Phillips 66 Alliance Refinery	09/20/2017			10	No	No	PR00096A3

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5.2.3	EPA-HQ-OW-2018-0618-0203	CBI_Valero Meraux Refinery Site Visit Report - FINAL - DCN PR00097	CBI_Final version of the site visit report for visit to Valero Meraux Refinery in Meraux, LA. Visit held on September 21, 2017. This draft includes updates based on comments from EPA and Valero.	Report	Eastern Research Group, Inc.	03/22/2018			16	Yes	No	PR00097
5.2.3	EPA-HQ-OW-2018-0618-0203.1	Appendix B to Valero Meraux Refinery Site Visit Report - DCN PR00097A1	Appendix B includes a a copy of the presentation given by Valeroduring the visit to the Valero Meraux Refinery.	Data	Eastern Research Group, Inc.	03/22/2018			8	No	No	PR00097A1
5.2.3	EPA-HQ-OW-2018-0618-0203.2	Appendix C to Valero Meraux Refinery Site Visit Report - DCN PR00097A2	Appendix C includes a diagram of the wastewater treatment system for the Valero Meraux Refinery.	Data	Eastern Research Group, Inc.	03/22/2018			1	No	No	PR00097A2

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5.2.3	EPA-HQ-OW-2018-0618-0203.3	Appendix D to Valero Meraux Refinery Site Visit Report - DCN PR00097A3	Appendix D includes a log of photographs taken during the visit to Valero Meraux Refinery.	Data	Eastern Research Group, Inc.	03/22/2018			9	No	No	PR00097A3
5.2.3	EPA-HQ-OW-2018-0618-0204	Sanitized Valero Meraux Refinery Site Visit Report - FINAL - DCN PR00098	Final version of the site visit report for visit to Valero Meraux Refinery in Meraux, LA. Visit held on September 21, 2017. This draft includes updates based on comments from EPA and Valero and has been sanitized to remove all CBI information.	Report	Eastern Research Group, Inc.	03/22/2018			16	No	No	PR00098
5.2.3	EPA-HQ-OW-2018-0618-0204.1	Appendix B to Valero Meraux Refinery Site Visit Report - DCN PR00098A1	Appendix B includes a a copy of the presentation given by Valeroduring the visit to the Valero Meraux Refinery.	Data	Eastern Research Group, Inc.	03/22/2018			8	No	No	PR00098A1

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5.2.3	EPA-HQ-OW-2018-0618-0204.2	Appendix C to Valero Meraux Refinery Site Visit Report - DCN PR00098A2	Appendix C includes a diagram of the wastewater treatment system for the Valero Meraux Refinery.	Data	Eastern Research Group, Inc.	03/22/2018			1	No	No	PR00098A2
5.2.3	EPA-HQ-OW-2018-0618-0204.3	Appendix D to Valero Meraux Refinery Site Visit Report - DCN PR00098A3	Appendix D includes a log of photographs taken during the visit to Valero Meraux Refinery.	Data	Eastern Research Group, Inc.	03/22/2018			9	No	No	PR00098A3
5.2.3	EPA-HQ-OW-2018-0618-0213	CBI_Final Marathon Detroit Refinery Site Visit Report - DCN PR00102	CBI_ERG and EPA conducted a site visit to Marathon Petroleum Corporation in Detroit, Michigan (Marathon Detroit Refinery) on July 11, 2017. This report summarizes information collected as part of the site visit.	Report	Eastern Research Group, Inc.	07/16/2018			24	Yes	No	PR00102

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5.2.3	EPA-HQ-OW-2018-0618-0213.1	CBI_Final Marathon Detroit Refinery Site Visit Report Appendix B: Marathon Detroit Refinery Overview Presentation - DCN PR00102A1	CBI_Refinery overview presentation provided by Marathon to ERG and EPA during the site visit at Marathon Detroit Refinery on July 11, 2017.	Meeting Materials	Marathon Petroleum Corporation	07/11/2017			31	Yes	No	PR00102A1
5.2.3	EPA-HQ-OW-2018-0618-0213.2	CBI_Final Marathon Detroit Refinery Site Visit Report Appendix C: Marathon Petroleum Presentation on Relationships Between Effluent Data and Refinery Characteristics - DCN PR00102A2	CBI_Refinery effluent characteristics and relationships presentation provided by Marathon to ERG and EPA during the site visit at Marathon Detroit Refinery on July 11, 2017.	Meeting Materials	Marathon Petroleum Corporation	07/11/2017			20	Yes	No	PR00102A2
5.2.3	EPA-HQ-OW-2018-0618-0213.3	CBI_Final Marathon Detroit Refinery Site Visit Report Appendix E: Site Visit Photo Log - DCN PR00102A3	CBI_Photos of potential sampling points at Marathon Detroit Refinery.	Data	Marathon Petroleum Corporation	08/10/2017			15	Yes	No	PR00102A3

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5.2.3	EPA-HQ-OW-2018-0618-0223	Citgo Lemont Refinery Public Notice of Draft Permit (IL0001589) - PR00120	Public Notice of Draft Permit issued by the Illinoise environmental Protection Agency for the Citog Lemont Permit.	Permit, Registration	Illinois Enivonmental Protection Agency	10/12/2012			5	No	No	PR00120
5.2.3	EPA-HQ-OW-2018-0618-0291	Citgo Lemont Refinery Permit Renewal Application (IL0001589) - PR00121	NPDES permit renewal application submitted by Citgo Lemont.	Permit, Registration	Citgo Lemont	12/17/2010			30	No	No	PR00121
5.2.3	EPA-HQ-OW-2018-0618-0292	Citgo Lemont Refinery Site Report_Final - PR00122	Final version of the site report for Citgo Lemont Refinery in Citgo, IL. Based on site calls. This draft includes updates based on comments from EPA and Citgo.	Report	Eastern Research Group, Inc.	06/13/2018			22	No	No	PR00122

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5.2.3	EPA-HQ-OW-2018-0618-0293	Sanitized Final Marathon Detroit Refinery Site Visit Report - DCN PR00123	ERG and EPA conducted a site visit to Marathon Petroleum Corporation in Detroit, Michigan (Marathon Detroit Refinery) on July 11, 2017. This report summarizes information collected as part of the site visit.	Report	Eastern Research Group, Inc.	07/16/2018			23	No	No	PR00123
5.2.3	EPA-HQ-OW-2018-0618-0293.1	Final Marathon Detroit Refinery Site Visit Report Appendix B: Marathon Detroit Refinery Overview Presentation - DCN PR00123A1	Refinery overview presentation provided by Marathon to ERG and EPA during the site visit at Marathon Detroit Refinery on July 11, 2017.	Meeting Materials	Marathon Petroleum Corporation	07/11/2017			31	No	No	PR00123A1
5.2.3	EPA-HQ-OW-2018-0618-0293.2	Final Marathon Detroit Refinery Site Visit Report Appendix E: Site Visit Photo Log - DCN PR00123A2	Photos of potential sampling points at Marathon Detroit Refinery.	Data	Marathon Petroleum Corporation	08/10/2017			15	No	No	PR00123A2

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5.2.3	EPA-HQ-OW-2018-0618-0294	Final SVR for P66 Rodeo - DCN PR00125	Final site visit report for Phillips 66 Rodeo. Updated to reflect changes requested from refinery on the sample point diagram December 2018. Updated version of P00091.	Report	Stewart, Danielle (ERG)	12/13/2018			19	No	No	PR00125
5.2.3	EPA-HQ-OW-2018-0618-0294.1	Final SVR for P66 Rodeo Appendix A - Photo Log - DCN PR00125A1	Final site visit report for Phillips 66 Rodeo. Updated to reflect changes requested from refinery on the sample point diagram December 2018. Updated version of P00091. Appendix A is the photo log.	Data	Stewart, Danielle (ERG)	12/13/2018			5	No	No	PR00125A1
5.2.3	EPA-HQ-OW-2018-0618-0294.2	CBI_Final SVR for P66 Rodeo Appendix B - Sample Point Diagram - DCN PR00125A2	CBI_Final site visit report for Phillips 66 Rodeo. Updated to reflect changes requested from refinery on the sample point diagram December 2018. Updated version of P00091. Appendix B is the sample point diagram.	data	Stewart, Danielle (ERG)	12/13/2018			1	Yes	No	PR00125A2

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5.2.3	EPA-HQ-OW-2018-0618-0297	NJPDES Permit Renewal Application for Paulsboro Refinery (NJ0005029) - DCN PR00144	Permit application to NJPDES for Paulsboro Refinery, permit ID NJ0005029.	Data	Paulsboro Refining Company	12/21/2011			29	No	No	PR00144
5.2.3	EPA-HQ-OW-2018-0618-0297.1	NJPDES Permit Renewal Application for Paulsboro Refinery (NJ0005029) - Part 2 - DCN PR00144A1	Part 2 of the permit application to NJPDES for Paulsboro Refinery, permit ID NJ0005029.	Data	Paulsboro Refining Company	12/21/2011			2	No	No	PR00144A1
5.2.3	EPA-HQ-OW-2018-0618-0297.2	NJPDES Permit Renewal Application for Paulsboro Refinery (NJ0005029) - Part 3 - DCN PR00144A2	Part 3 of the application to NJPDES for Paulsboro Refinery, permit ID NJ0005029.	Data	Paulsboro Refining Company	12/21/2011			41	No	No	PR00144A2

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5.2.3	EPA-HQ-OW-2018-0618-0178	CBI_Pre-Site Visit Call with ExxonMobil Joliet Refinery - Final - DCN PR00210	CBI_Final draft of notes from a pre-site visit call with ExxonMobil Joliet Refinery held on August 27, 2015.	Memorandum	Stewart, Danielle (Eastern Research Group)	03/06/2017			13	No	Yes	PR00210
5.2.3	EPA-HQ-OW-2018-0618-0178.1	Attachment B to Pre-Site Visit Call Notes with ExxonMobil Joliet Refinery - WWT Diagram - DCN PR00210A1	WWT Diagram for ExxonMobil Joliet Refinery.	Data	ExxonMobil Joliet	03/06/2017			1	No	No	PR00210A1
5.2.3	EPA-HQ-OW-2018-0618-0178.2	Attachment C to Pre-Site Visit Call Notes with ExxonMobil Joliet Refinery - Process Flow Diagram - DCN PR00210A2	Process flow diagram for ExxonMobil Joliet Refinery.	Data	ExxonMobil Joliet	03/06/2017			1	No	No	PR00210A2

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5.3	EPA-HQ-OW-2018-0618-0295	Water Pollutant Loading Tool and ICIS/NPDES Data - DCN PR00140	Lists publicly available data used by EPA to analyze discharges from the Petroleum Refining Industry as part of its detailed study of the industry. Includes Loading Tool and ICIS/NPDES data.	Data	Stewart, Danielle (ERG)	05/22/2019			3	No	No	PR00140
5.3	EPA-HQ-OW-2018-0618-0296	Concentration and Flow Data by Refinery - Data to Industry for Review - DCN PR00141	Data supporting analysis described in Section 5.2 of the Draft 2019 Detailed Study Report. Data shows, by refinery, the average concentrations based on outfalls with WWT effluent and 2016 and 2017 EIA production data and WWT effluent flows from survey.	Data	Stewart, Danielle (ERG)	07/03/2019			1	No	No	PR00141
5.3.1	EPA-HQ-OW-2018-0618-0533	PBF Energy Completes Acquisition of the Torrance Refinery and Related Logistics Assets - DCN PR00132	Document substantiating acquisition of Torrance Refinery by PBF Energy Inc. from ExxonMobil in July 2016 (supports update to industry profile).	Press Release, Public Announcement/Notice	PBF Energy Inc.	07/01/2016			3	No	No	PR00132

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5.3.1	EPA-HQ-OW-2018-0618-0534	Lunday-Thagard is now World Oil Refining - DCN PR00133	Document substantiating change in name and ownership of Lunday-Thagard Refinery to "Lunday-Thagard Co dba World Oil Refining" and operated by World Oil Corp. (supports update to industry profile).	Press Release, Public Announcement/N otice	World Oil Refining	05/07/2019			3	No	Yes	PR00133
5.3.1	EPA-HQ-OW-2018-0618-0535	Island Energy to end Hawaii refining business, sell assets - DCN PR00134	Document substantiating Island Energy Services decision to cease operations of the Kapolei Refinery and sell assets to Par Pacific Holdings in August 2018 (supports update to industry profile).	Press Release, Public Announcement/N otice	Brelsford, Robert (Oil & Gas Journal)	08/31/2018			3	No	Yes	PR00134
5.3.1	EPA-HQ-OW-2018-0618-0536	Tesoro Corporation and Tesoro Logistics LP Become Andeavor and Andeavor Logistics LP - DCN PR00135	Document substantiating change of operating company name from Tesoro to Andeavor (supports update to industry profile).	Press Release, Public Announcement/N otice	Andeavor	08/01/2017			2	No	No	PR00135

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5.3.1	EPA-HQ-OW-2018-0618-0537	Marathon Petroleum Corp. Announces Successful Completion of Andeavor Combination - DCN PR00136	Document substantiating acquisition of Andeavor refineries by Marathon Petroleum Company (supports update to industry profile).	Press Release, Public Announcement/N otice	Marathon Petroleum Company	10/01/2018			2	No	Yes	PR00136
5.3.1	EPA-HQ-OW-2018-0618-0538	Par Pacific Holdings to Acquire Wyoming Refining and Related Logistics Assets - DCN PR00137	Document substantiating acquisition of Hermes Consolidated LLC (dba Wyoming Refining Company) to Par Pacific Holdings in June 2016 (supports update to industry profile).	Press Release, Public Announcement/N otice	Par Pacific Holdings, Inc.	06/14/2016			5	No	No	PR00137
5.3.1	EPA-HQ-OW-2018-0618-0539	Buckeye Texas Processing Corpus Christi Refinery - DCN PR00138	Document substantiating that Buckeye Texas Processing is operating a petroleum refinery in Corpus Christi, TX (supports update to industry profile).	Press Release, Public Announcement/N otice	Buckeye Texas Processing	05/09/2019			4	No	No	PR00138

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5.3.2	EPA-HQ-OW-2018-0618-0323	Limits and Concentrations Database - DCN PR00139	A database with analyses of publicly available information from EPA's Loading Tool and ICIS/NPDES data (PR00140). Analyses performed informed EPA's 2019 Detailed Study Report (PR00153) as well as other average concentration and flow evaluations (PR00141).	Data	Eastern Research Group, Inc.	08/23/2019			0	No	No	PR00139
5.4	EPA-HQ-OW-2018-0618-0566	Preliminary Economic Profile of the Petroleum Refining Industry - DCN PR00208	Summary of the economic profile of the petroleum refining industry as of 2016.	Report	Abt Associates	07/26/2016			34	No	No	PR00208
5.4	EPA-HQ-OW-2018-0618-0179	Market Vectors Global Oil Refiners Index - DCN PR00211	Factsheet on the Market Vectors Index Solutions (MVIS) global oil refiners index tool.	Data	Market Vectors Index Solutions (MVIS)	06/29/2016	Market Vectors Index Solutions (NVIS). 2016. Market Vectors Global Oil Refiners Index. Accessed June 29, 2016. Available electronically		2	No	No	PR00211

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5.4	EPA-HQ-OW-2018-0618-0180	Perspectives on Downstream Oil and Gas: Implications of Light Tight Oil Growth for Refiners in North America and Worldwide - DCN PR00212	Summary of 2013 light tight oil production and predictions for the market in 2014.	Economic Analysis	McKinsey & Company	01/01/2014	McKinsey & Company. 2014. Perspectives on Downstream Oil and Gas: Implications of Light Tight Oil Growth for Refiners in North America and Worldwide.		9	No	No	PR00212
5.4	EPA-HQ-OW-2018-0618-0181	Producer Price Index, Petroleum refineries - DCN PR00213	Description of the methodology used to develop the producer price index to calculate petroleum price indexes.	Data	U.S. Bureau of Labor Statistics	07/21/2016	U.S. Bureau of Labor Statistics (U.S. BLS). 2016. Producer Price Index, Petroleum refineries. Accessed July 21, 2016.		7	No	No	PR00213
5.4	EPA-HQ-OW-2018-0618-0182	2010 - 2013 U.S. Bureau of the Census. Statistics of U.S. Businesses - DCN PR00214	US business statistics by NACIS code from 2000 through 2013.	Data	U.S. Department of Commerce	01/01/2016	U.S. Department of Commerce (U.S. DOC). 2000-2013. U.S. Bureau of the Census. Statistics of U.S. Businesses (SU.S.B).		14	No	No	PR00214

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5.4	EPA-HQ-OW-2018-0618-0183	Statistics of U.S. Businesses: Definitions - DCN PR00215	Definitions from the current population survey issued by the Census Bureau.	Data	U.S. Department of Commerce	01/01/2016	U.S. Department of Commerce (U.S. DOC). Undated. "Statistics of U.S. Businesses: Definitions." Census.gov. Web.		35	No	No	PR00215
5.4	EPA-HQ-OW-2018-0618-0184	Energy Information Administration. Crude Imports Tracking Tool: Imports of Light (Sweet and Sour) from World - DCN PR00216	EIA data on the crude oil imports from 2009 by country and PADD.	Data	U.S. Department of Energy	06/28/2016	U.S. Department of Energy (U.S. DOE). 2016. Energy Information Administration. Crude Imports Tracking Tool: Imports of Light (Sweet and Sour)		1	No	No	PR00216
5.4	EPA-HQ-OW-2018-0618-0185	Energy Information Administration. Recent U.S. imports of oil tend to be heavier than domestic production. May 6, 2016 - DCN PR00217	EIA article summarizing trends in imported crude oil.	Publication; Other Governmental	U.S Department of Energy	05/06/2016	U.S Department of Energy (U.S. DOE). 2016a. Energy Information Administration. Recent U.S. imports of oil tend to be heavier than domestic production.		2	No	No	PR00217

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5.4	EPA-HQ-OW-2018-0618-0238	Energy Information Administration. U.S. Gross Inputs to Refineries - DCN PR00218	EIA monthly data on gross refinery input in thousand barrels per day.	Data	U.S. Department of Energy	06/28/2016	U.S. Department of Energy (U.S. DOE). 2016b. Energy Information Administration. U.S. Gross Inputs to Refineries. Accessed June 28, 2016.		1	No	No	PR00218
5.4	EPA-HQ-OW-2018-0618-0239	Energy Information Administration. U.S. Number of Operating Refineries as of January 1 - DCN PR00219	EIA data on number of operating US refineries.	Data	U.S. Department of Energy	01/01/2016	U.S. Department of Energy (U.S. DOE). 2016b. Energy Information Administration. U.S. Number of Operating Refineries as of January 1.		1	No	No	PR00219
5.4	EPA-HQ-OW-2018-0618-0240	Energy Information Administration. U.S. Operable Crude Oil Distillation Capacity - DCN PR00220	EIA data on operarable crude oil distillation capacity in the United States.	Data	U.S. Department of Energy	01/01/2016	U.S. Department of Energy (U.S. DOE). 2016d. Energy Information Administration. U.S. Operable Crude Oil Distillation Capacity.		1	No	No	PR00220

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5.4	EPA-HQ-OW-2018-0618-0241	Energy Information Administration. U.S. Percent Utilization of Refinery Operable Capacity - DCN PR00221	EIA data on operable utilization rate of refineries in the United States.	Data	U.S. Department of Energy	01/01/2016	U.S. Department of Energy (U.S. DOE). 2016e. Energy Information Administration. U.S. Percent Utilization of Refinery Operable Capacity.		1	No	No	PR00221
5.4	EPA-HQ-OW-2018-0618-0242	Energy Information Administration. U.S. Refinery Operating Atmospheric Crude Oil Distillation Capacity as of January 1 - DCN PR00222	EIA data on annual atmosperic crude oil distillation capacity for operating refineries in the United States.	Data	U.S. Department of Energy	01/01/2016	U.S. Department of Energy (U.S. DOE). 2016f. Energy Information Administration. U.S. Refinery Operating Atmospheric Crude Oil Distillation		1	No	No	PR00222
5.4	EPA-HQ-OW-2018-0618-0186	Energy Information Administration. Monthly Energy Review. June, 2016 - DCN PR00223	EIA monthly report on recent and historical energy statistics.	Report	U.S. Department of Energy	06/01/2016	U.S. Department of Energy (U.S. DOE). 2016g. Energy Information Administration. Monthly Energy Review. June, 2016. Accessed July 20, 2016.		234	No	No	PR00223

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5.4	EPA-HQ-OW-2018-0618-0243	Energy Information Administration. Refiner Petroleum Product Prices by Sales Type, Sales to End Users - DCN PR00224	Product prices for refineries in the United States. End user and resale prices included.	Data	U.S. Department of Energy	07/21/2016	U.S. Department of Energy (U.S. DOE). 2016h. Energy Information Administration. Refiner Petroleum Product Prices by Sales Type, Sales to End Users.		2	No	No	PR00224
5.4	EPA-HQ-OW-2018-0618-0187	Energy Information Administration. Technical Options for Processing Additional Light Tight Oil Volumes within the United States - DCN PR00225	Report examines options for processing additional light tight oil (LTO) within the US.	Report	U.S. Department of Energy	04/01/2015	U.S. Department of Energy (U.S. DOE). 2015a. Energy Information Administration. Technical Options for Processing Additional Light Tight Oil Volumes		35	No	No	PR00225
5.4	EPA-HQ-OW-2018-0618-0244	Energy Information Administration. Refinery & Blender Net Production - DCN PR00226	EIA data on production rates for US refineries and blending plants.	Data	U.S. Department of Energy	12/31/2015	U.S. Department of Energy (U.S. DOE). 2015b. Energy Information Administration. Refinery & Blender Net Production. Accessed December 31, 2015.		1	No	No	PR00226

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5.4	EPA-HQ-OW-2018-0618-0188	U.S. refineries are running at record high levels - DCN PR00227	Article comparing 2015 gross input to US refineries to 2014 values.	Analysis	U.S. Department of Energy	08/07/2015	U.S. Department of Energy (U.S. DOE). 2015. Energy Information Administration. "U.S. refineries are running at record high levels." August 7, 2015.		3	No	No	PR00227
5.4	EPA-HQ-OW-2018-0618-0189	Energy Information Administration. Explaining EIA Crude Oil and Petroleum Product Price Data and Comparing with Other U.S. Government Data Sources, 2001 to 2010 - DCN PR00228	Describes data collection methods for EIA's compilation of petroleum pricing data.	Report	U.S. Department of Energy	12/01/2012	U.S. Department of Energy (U.S. DOE). 2012. Energy Information Administration. Explaining EIA Crude Oil and Petroleum Product Price Data and Comparing		53	No	No	PR00228
5.4	EPA-HQ-OW-2018-0618-0190	Petroleum: An Energy Profile - DCN PR00229	Report summarizing the petroluem industry as a whole, including upstream and downstream operations.	Report	U.S. Department of Energy	07/01/1999	U.S. Department of Energy (U.S. DOE). 1999. Energy Information Administration. Petroleum: An Energy Profile, 1999. p. 25. DOE/EIA-0545(99). July 1999.		86	No	No	PR00229

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5.4	EPA-HQ-OW-2018-0618-0191	Concentration and Market Shares - DCN PR00230	Definition of Herfindahl-Hirschman Index (HHI), used to maeasure market concentration.	Data	United States Department of Justice	06/25/2015	United States Department of Justice (U.S. DOJ). 2015. "Concentration and Market Shares." Justice.gov. Web. June 25, 2015.		1	No	No	PR00230
5.4	EPA-HQ-OW-2018-0618-0192	Table of Small Business Size Standards Matched to North American Industry Classification System Codes - DCN PR00231	Table of small business size standards by industry. Individual indistries are identified by NAICS code.	Data	US Small Business Admin	02/26/2016	United States Small Business Administration (U.S. SBA). 2016. Table of Small Business Size Standards Matched to North American Industry		46	No	No	PR00231
5.4	EPA-HQ-OW-2018-0618-0269	Regional Refinery Trends Evolve to Accommodate Increased Domestic Crude Oil Production - DCN PR00305	Summary of growth in US production of light tight oil (LTO) and how US rerfineries are accomodating these increased volumes when they were configured to process heavier crude oil.	Analysis	Energy Information Administration (EIA)	01/15/2015	EIA. 2015a. Energy Information Administration. Regional Refinery Trends Evolve to Accommodate Increased Domestic Crude Oil Production.		2	No	No	PR00305

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5.4	EPA-HQ-OW-2018-0618-0270	Why and how the price of residual fuel oil shifts - DCN PR00306	Summary of how trends in the types of crude being refined are impacting resid production, and how this change in resid production could also impact the market.	Analysis	Fitzgibbon, Tim and Anantharaman Shankar	02/01/2016	Fitzgibbon, Tim and Anantharaman Shankar. 2016. Shifts in Resid Markets Provide Potential Margin Uplift for Refiners. February.		6	No	No	PR00306
5.4	EPA-HQ-OW-2018-0618-0271	Oil Price Upheaval Finally Hits Refiners - DCN PR00307	Summary of how oil prices have impacted refining margins.	Analysis	Olson, Bradley and Alison Sider	05/03/2016	Olson, Bradley and Alison Sider. 2016. Oil Price Upheaval Finally Hits Refiners. May 3. Available electronically		5	No	No	PR00307
5.4	EPA-HQ-OW-2018-0618-0272	U.S. Crude Oil Export Ban Lifted - DCN PR00308	Discussion of the impacts of lifting the US crude oil export ban, in place since 1975.	Analysis	Putnam, Blu and Dan Brusstar	12/21/2015	Putnam, Blu and Dan Brusstar. 2015. U.S. Crude Oil Export Ban Lifted. December 21. Available electronically		3	No	Yes	PR00308

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5.4	EPA-HQ-OW-2018-0618-0273	Oil Market Dynamics and 2016 Outlook - DCN PR00309	Assessment of the 2016 futures for the crude industry.	Analysis	Putnam, Blu	01/01/2016	Putnam, Blu. 2016. Oil Market Dynamics and 2016 Outlook. January. Available electronically		7	No	Yes	PR00309
5.4	EPA-HQ-OW-2018-0618-0274	Effects of Removing Restrictions on U.S. Crude Oil Exports - DCN PR00310	Report examining the implications of removing crude oil export restrictions. Analyses impacts on price of domestic crude, gas prices, production, refining activity, and trade of crude and products.	Report	Energy Information Administration (EIA)	09/01/2015	EIA. 2015f. Effects of Removing Restrictions on U.S. Crude Oil Exports. September. Available electronically		58	No	No	PR00310
5.4	EPA-HQ-OW-2018-0618-0275	Economic Benefits of Lifting the Crude Oil Export Ban - DCN PR00311	Report analyzing economic impacts of lifting the crude oil export ban on US economy.	Report	NERA Economic Consulting	09/09/2014	NERA. 2014. Economic Benefits of Lifting the Crude Oil Export Ban. Available electronically		196	No	No	PR00311

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5.4	EPA-HQ-OW-2018-0618-0276	To Lift or Not to Lift - DCN PR00312	Discussion of US crude production and impacts on ending the 40 year crude export ban.	Report	Medlock, Kenneth	03/01/2015	Medlock, Kenneth. 2015. To Lift or Not to Lift. March. Available electronically		76	No	No	PR00312
5.4	EPA-HQ-OW-2018-0618-0277	Changing Crude Oil Markets: Allowing Exports Could Reduce Consumer Fuel Prices, and the Size of the Strategic Reserves Should Be Reexamined - DCN PR00313	Report from United States Government Accountability Office (U.S. GAO) on its take on the impact of removing the crude oil export ban.	Report	U.S. GAO	09/01/2014	United States Government Accountability Office (U.S. GAO). 2014. Changing Crude Oil Markets: Allowing Exports Could Reduce Consumer Fuel Prices.		51	No	No	PR00313
5.4	EPA-HQ-OW-2018-0618-0278	Today in Energy: U.S. Petroleum Product Exports Continue to Increase - DCN PR00314	Analysis of US petroleum exports from January 2014 to December 2015.	Analysis	Energy Information Administration (EIA)	03/25/2016	EIA. 2015e. Energy Information Administration. Today in Energy: U.S. Petroleum Product Exports Continue to Increase.		3	No	No	PR00314

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5.4	EPA-HQ-OW-2018-0618-0279	Crude Oil Shipments by Rail from Midwest to Coastal Regions Decline - DCN PR00315	Discussion of the decline in crude-by-rail volumes.	Analysis	Energy Information Administration (EIA)	03/11/2016	EIA. 2015b. Energy Information Administration. Crude Oil Shipments by Rail from Midwest to Coastal Regions Decline.		2	No	No	PR00315
5.4	EPA-HQ-OW-2018-0618-0290	Refinery Receipts of Crude Oil by Method of Transportation - DCN PR00316	EIA data on refinery receipts of crude oil by transportaiton method.	Data	Energy Information Administration (EIA)	01/01/2016	EIA. 2016a. Energy Information Administration. Refinery Receipts of Crude Oil by Method of Transportation. Available electronically		1	No	No	PR00316
5.4	EPA-HQ-OW-2018-0618-0280	EIA: East Coast Refineries Got 52% of Crude by Rail in February - DCN PR00317	Discussion of the amount of crude received by rail.	Data	Snow, Nick	05/05/2015	Snow, Nick. 2015. EIA: East Coast Refineries Got 52% of Crude by Rail in February. May 5. Available electronically		3	No	No	PR00317

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5.4	EPA-HQ-OW-2018-0618-0281	Delivering the Goods: Making the Most of North America's Evolving Oil Infrastructure - DCN PR00318	Report providing a snapshot of the changing North American oil supply system.	Report	Verrastro, Frank; Michelle Melton, et al	02/01/2015	Verrastro, Frank; Michelle Melton, Sara Ladislaw, Lisa Hyland and Kevin Book.2015		70	No	No	PR00318
5.4	EPA-HQ-OW-2018-0618-0282	Two Sides of the Coin: The Impact of Low Oil Prices on Downstream Oil - DCN PR00319	Analysis of the impacts of a low oil price environment and how this impacts crude exploration and production companies.	Report	Marten, Ivan, Jaime Ruiz-Cabrero, et al	01/01/2015	Marten, Ivan, Jaime Ruiz-Cabrero, and Mathieu Zajdela. 2015. Two Sides of the Coin: The Impact of Low Oil Prices on Downstream Oil.		8	No	No	PR00319
5.4	EPA-HQ-OW-2018-0618-0283	Today in Energy: Refiner Margins Unable to Fully Offset Low Upstream Earnings for Integrated Oil Companies - DCN PR00320	Analysis of the declining profits being realized by petroleum refineries in early 2015.	Analysis	Energy Information Administration (EIA)	06/17/2015	EIA. 2015c. Energy Information Administration. Today in Energy: Refiner Margins Unable to Fully Offset Low Upstream Earnings for Integrated Oil Co.		2	No	No	PR00320

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5.4	EPA-HQ-OW-2018-0618-0284	Today in Energy: Low Crude Oil Prices, Increased Gasoline Demand Lead to High Refiner Margins - DCN PR00321	Analysis of how despite low crude prices, refineries are seeing record high profits due to high demands for gasoline.	Analysis	Energy Information Administration (EIA)	05/20/2015	EIA. 2015d. Energy Information Administration. Today in Energy: Low Crude Oil Prices, Increased Gasoline Demand Lead to High Refiner Margins.		2	No	No	PR00321
5.4	EPA-HQ-OW-2018-0618-0285	Today in Energy: Crude Oil Prices Started 2015 Relatively Low, Ended the Year Lower - DCN PR00322	Analysis of decreasing crude prices throughout 2015.	Analysis	Energy Information Administration (EIA)	01/06/2016	EIA. 2016b. Energy Information Administration. Today in Energy: Crude Oil Prices Started 2015 Relatively Low, Ended the Year Lower. January 6.		3	No	No	PR00322
5.4	EPA-HQ-OW-2018-0618-0286	Moody's Downgrades Royal Dutch Shell to Aa2; Negative Outlook - DCN PR00323	Discussion of Moody's investors service has downgraded their ratings of several refiners due to increased debt.	Analysis	Moody's	04/08/2016	Moody's. 2016. Moody's Investor Services. Moody's Downgrades Royal Dutch Shell to Aa2; Negative Outlook. April 8. Available electronically.		7	No	No	PR00323

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5.4	EPA-HQ-OW-2018-0618-0287	Exxon Mobil Loses Top Credit Rating It Held Since Depression - DCN PR00324	Discussion of how S&P has demoted one refiner due to concerns about credit measures.	Analysis	Bloomberg	04/26/2016	Bloomberg. 2016. Exxon Mobil Loses Top Credit Rating It Held Since Depression. April 26. Available electronically.		3	No	No	PR00324
5.4	EPA-HQ-OW-2018-0618-0288	Today in Energy: U.S. Oil Companies Closer to Balancing Capital Investments with Operating Capital - DCN PR00325	Discussion of how refineries are improving the balance of capital expenditures and cash flow in the first quarter of 2016.	Data	Energy Information Administration (EIA)	07/18/2016	EIA. 2016c. Energy Information Administration. Today in Energy: U.S. Oil Companies Closer to Balancing Capital Investments with Operating Capital.		2	No	No	PR00325
5.4	EPA-HQ-OW-2018-0618-0289	U.S. Oil & Gas Deal Activity Remains Flat in First Quarter of 2015 as Lower for Longer Environment Keeps Deal-making on the Sidelines, According to PwC US - DCN PR00326	Discussion of how mergers and acquisitions activity has held steady for the oil and gas industry in the start of 2016.	Analysis	PWC U.S. Energy Practice	04/20/2016	PWC. 2016. U.S. Energy Practice. U.S. Oil & Gas Deal Activity Remains Flat in First Quarter of 2015 as Lower for Longer Environment Keeps Deal-making.		3	No	No	PR00326

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5.5	EPA-HQ-OW-2018-0618-0161	2016 Environmental Assessment Memorandum for the Petroleum Refining Detailed Study - DCN PR00068	ERG/EPA conducted a search and review of existing information on environmental impacts resulting from refinery discharges. This memorandum presents results from the review of scientific documents, gray literature, TMDL studies, and EPA's ECHO database.	Memorandum	Eastern Research Group, Inc.	10/14/2016			39	No	No	PR00068
5.5	EPA-HQ-OW-2018-0618-0161.1	2016 Environmental Assessment Analyses Results Workbook - DCN PR00068A1	Workbook presenting the results of the analyses discussed within the Final Environmental Assessment Memorandum for the Petroleum Refining Detailed Study.	Analysis	Eastern Research Group, Inc.	10/14/2016			0	No	No	PR00068A1
5.6	EPA-HQ-OW-2018-0618-0325	Final Permit Database - DCN PR00145	A database compiling info from publicly available permits in 2015/2016 for a subset of refineries. Database populated via data entry forms after reviewing the publicly available permits and supporting permit files (e.g., applications) listed in PR00145A1.	Data	Eastern Research Group, Inc.	08/21/2019				No	No	PR00145

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5.6	EPA-HQ-OW-2018-0618-0325.1	Petroleum Refining Permit File List - DCN PR00145A1	List of supporting permit files (e.g., applications, fact sheets, public notices) available in the Final Permit Database (PR00145).	Index	Eastern Research Group, Inc.	08/15/2019			4	No	No	PR00145A1
5.6	EPA-HQ-OW-2018-0618-0298	Evaluation of Activated Sludge Microfiltration for Refinery Wastewater Reuse - DCN PR00147	WEFTEC paper describing a microfiltration pilot-study to determine if the technology was a viable option to improve wastewater treatment system performance or provide opportunities for water reuse at the Coffeyville Refinery (Refinery ID 41).	Publication; Copyrighted Material	Cabral, et. Al	10/01/2010			18	No	Yes	PR00147
5.6	EPA-HQ-OW-2018-0618-0299	Tertiary Filter Pilot Study for Mercury Removal from a Refinery Wastewater - DCN PR00148	WEFTEC paper describing pilot testing for disk filtration and granular media filtration at an unknown refinery. Goal of the filtration was to reduce effluent mercury concentrations.	Publication; Copyrighted Material	Allen, J. and Loete, V.	09/01/2016			17	No	Yes	PR00148

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5.6	EPA-HQ-OW-2018-0618-0300	EIA Petroleum and Other Liquids: Crude Imports - DCN PR00149	EIA definitions for sweet and sour petroleum crude.	Publication	U.S. EIA	01/01/2019			2	No	No	PR00149
5.6	EPA-HQ-OW-2018-0618-0301	Best Available Techniques Reference Document for the Refining of Mineral Oil and Gas - DCN PR00150	European Union report on BAT techniques and retirements for facilities refining oil and gas. Includes petroleum refining.	Publication; Other Government	European Commission	07/01/2013			731	No	No	PR00150
5.6	EPA-HQ-OW-2018-0618-0349	Final 2019 Petroleum Refining Detailed Study Report - DCN PR00153	Report summarizing data evaluated as part of the Petroleum Refining Detailed Study. Summarizes analysis as of August 2019.	Report	Eastern Research Group, Inc.	09/13/2019			60	No	No	PR00153

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6	EPA-HQ-OW-2018-0618-0569	The EPA's Review of Nutrients in Industrial Wastewater Discharge - DCN 08632	Report describes EPA's review of nutrients in industrial wastewater discharge.	Report	U.S. EPA	10/01/2019			129	No	No	08632
6	EPA-HQ-OW-2018-0618-0570	Economic Screening of Point-Source Industries for Further Study in the ELG Program Plan - DCN 08651	Report describes EPA's economic screening of industrial point sources.	Report	U.S. EPA	10/01/2019			51	No	No	08651
6	EPA-HQ-OW-2018-0618-0573	EPA's Non-CBI Summary Tables for 2015 Company Progress Reports (Final Progress Reports) - DCN 08653	Summary tables for company progress reports in 2015.	Report	U.S. EPA	01/01/2016		OCPSF (Organic Chemicals, Plastics and Synthetic Fibers)	4	No	No	08653

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6	EPA-HQ-OW-2018-0618-0530	EPA's Per and Polyfluoroalkyl Substance (PFAS) Action Plan - DCN 08654	EPA's plan to understand and reduce PFAS.	Publication; USEPA	U.S. EPA	02/01/2019			72	No	No	08654
6	EPA-HQ-OW-2018-0618-0531	The EPA's Review of Per- and Polyfluoroalkyl Substances (PFAS) in Industrial Wastewater Discharge - DCN 08655	Report describes EPA's review of PFAS.	Report	U.S. EPA	10/01/2019			49	No	No	08655
6	EPA-HQ-OW-2018-0618-0568	Water Pollution: EPA Has Improved Its Review of Effluent Guidelines but Could Benefit from More Information on Treatment Technologies - DCN 08656	GAO's report on it's review of EPA's effluent guidelines review process.	Report	Government Accountability Office	09/01/2012	13.10.GAO. 2012. Government Accountability Office. Water Pollution:		72	No	Yes	08656

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6	EPA-HQ-OW-2018-0618-0571	ELG Program Pollutant Reductions - DCN 08657	Summary of EAD's estimate that the current total pollutant loading reductions for the 59 existing ELGs is approximately 700 billion pounds per year.	Report	U.S. EPA	07/17/2019			191	No	No	08657
6	EPA-HQ-OW-2018-0618-0572	Preliminary Effluent Guidelines Program Plan 14 - DCN 08763	Plan discusses current rulemaking and detailed studies and introduces new analyses and tools that the EPA is developing to improve its annual review and biennial planning process.	Publication; USEPA	U.S. EPA	10/01/2019			51	No	No	08763