

ANALYSIS	# OF FACILITIES	% OF FACILITIES (IN ECHO)	NOTES
ALL FACILITIES IN DATASET	227		ORIGINAL DATASET
FACILITIES IN DATASET THAT ARE IN EPA ECHO	224	100%	BASED ON SEARCH BY FRS ID
FACILITIES CURRENTLY WITH VIOLATIONS	133	59%	UNDER CAA, CWA, RCRA, SDWA IN THE MOST RECENT QUARTER, INCLUDING SIGNIFICANT VIOLATIONS HIGH PRIORITY VIOLATIONS UNDER THE CAA, SIGNIFICANT / CATEGORY 1 NONCOMPLIANCE UNDER THE CWA, SIGNIFICANT NONCOMPLIANCE UNDER RCRA, AND / OR ENFORCEMENT PRIORITY UNDER THE SDWA IN THE MOST RECENT QUARTER
FACILITIES CURRENTLY WITH MULTIPLE VIOLATIONS	60	27%	
FACILITIES CURRENTLY WITH SIGNIFICANT VIOLATIONS	72	32%	
FACILITIES CURRENTLY WITH MULTIPLE SIGNIFICANT VIOLATIONS	8	4%	
FACILITIES WITH NONCOMPLIANCE IN THE PAST 3 YEARS	187	83%	83% OF FACILITIES IN THE DATASET THAT ARE IN ECHO HAVE BEEN IN NONCOMPLIANCE IN THE PAST 3 YEARS WITH THE CAA, CWA, RCRA, SDWA
FACILITIES WITH FORMAL ENFORCEMENT ACTIONS IN THE PAST 5 YEARS	163	73%	73% OF FACILITIES IN THE DATASET THAT ARE IN ECHO HAVE HAD FORMAL ENFORCEMENT ACTIONS IN THE PAST 5 YEARS UNDER THE CAA, CERCLA, CWA, RCRA, AND/OR SDWA
MAXIMUM NUMBER OF FORMAL ENFORCEMENT ACTIONS BY A FACILITY IN THE PAST 5 YEARS	27		EASTMAN CHEMICAL COMPANY, TENNESSEE OPERATIONS - THIS FACILITY ALSO: HAS BEEN IN NONCOMPLIANCE EVERY QUARTER FOR THE LAST 3 YEARS; CURRENTLY HAS A SIGNIFICANT HIGH PRIORITY CLEAN AIR ACT VIOLATION; DISCHARGES TO IMPAIRED WATERS; IS LOCATED IN A NONATTAINMENT AREA FOR SO2; IS LOCATED IN A COMMUNITY WITH EIGHT EJSCEEN INDEXES THAT EXCEED THE 80th PERCENTILE (US - 1-MILE MAX) INCLUDING FOR OZONE, DIESEL PARTICULATE MATTER, AIR TOXICS CANCER RISK, AIR TOXICS RESPIRATORY HAZARD INDEX, TRAFFIC PROXIMITY, LEAD PAINT, RISK MANAGEMENT PLAN FACILITY PROXIMITY, AND WASTEWATER DISCHARGE; AND IS LOCATED IN A COMMUNITY WHERE 15% OF THE POPULATION ARE PEOPLE OF COLOR AND 49% ARE CONSIDERED LOW INCOME
FACILITIES WITH MULTIPLE FORMAL ENFORCEMENT ACTIONS IN THE PAST FIVE YEARS	124	55%	OVER HALF OF FACILITIES IN THE DATASET THAT ARE IN ECHO HAVE HAD MULTIPLE FORMAL ENFORCEMENT ACTIONS IN THE PAST 5 YEARS UNDER CAA, CERCLA, CWA, RCRA, AND/OR SDWA
FACILITIES CURRENTLY WITH VIOLATIONS IN EJ COMMUNITIES	96	43%	THERE ARE 96 FACILITIES WITH CURRENT VIOLATIONS UNDER CAA, CWA, RCRA, AND/OR SDWA IN THE MOST RECENT QUARTER THAT ARE LOCATED IN COMMUNITIES WITH ONE OR MORE EJSCEEN INDEXES THAT EXCEED THE 80TH PERCENTILE COMPARED TO THE U.S. AND BASED ON THE MAXIMUM PERCENTILE VALUE FOR ANY CENSUS BLOCK GROUP WITHIN A 1-MILE RADIUS OF THE FACILITY (US – 1-MILE MAXIMUM)
FACILITIES CURRENTLY WITH SIGNIFICANT VIOLATIONS IN EJ COMMUNITIES	53	24%	THERE ARE 53 FACILITIES WITH CURRENT SIGNIFICANT VIOLATIONS UNDER CAA, CWA, RCRA, AND/OR SDWA IN THE MOST RECENT QUARTER THAT ARE LOCATED IN COMMUNITIES WITH ONE OR MORE EJSCEEN INDEXES THAT EXCEED THE 80TH PERCENTILE COMPARED TO THE U.S. AND BASED ON THE MAXIMUM PERCENTILE VALUE FOR ANY CENSUS BLOCK GROUP WITHIN A 1-MILE RADIUS OF THE FACILITY (US – 1-MILE MAXIMUM)
FACILITIES CURRENTLY WITH MULTIPLE SIGNIFICANT VIOLATIONS IN EJ COMMUNITIES	7	3%	THERE ARE 7 FACILITIES WITH CURRENT MULTIPLE SIGNIFICANT VIOLATIONS UNDER CAA, CWA, RCRA, AND/OR SDWA IN THE MOST RECENT QUARTER THAT ARE LOCATED IN COMMUNITIES WITH ONE OR MORE EJSCEEN INDEXES THAT EXCEED THE 80TH PERCENTILE COMPARED TO THE U.S. AND BASED ON THE MAXIMUM PERCENTILE VALUE FOR ANY CENSUS BLOCK GROUP WITHIN A 1-MILE RADIUS OF THE FACILITY (US – 1-MILE MAXIMUM) FORMOSA PLASTICS CORP LOUISIANA THE DOW CHEMICAL COMPANY LOUISIANA OPERATIONS SHINTECH LOUISIANA LLC - SHINTECH PLAQUEMINE PLANT BP HUSKY REFINING LLC - OHIO HEXION DEER PARK / SHELL DEER PARK REFINERY - TEXAS DUPONT SABINE RIVER WORKS - TEXAS FORMOSA POINT COMFORT PLANT - TEXAS

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FACILITIES CURRENTLY WITH VIOLATIONS IN COMMUNITIES WHERE PEOPLE OF COLOR MAKE UP ≥ 25% OF THE POPULATION	72	32%	EPA ECHO DEMOGRAPHIC DATA ARE BASED ON THE 2010 CENSUS AND 2016-2020 AMERICAN COMMUNITY SURVEY (ACS) 5-YEAR SUMMARY. NOTE, THE NATIONAL AVERAGE POPULATION OF 'WHITE ALONE' IN U.S. IN 2022 WAS 75.8% (U.S. CENSUS)
FACILITIES CURRENTLY WITH VIOLATIONS IN COMMUNITIES WHERE THE POVERTY RATE IS GREATER THAN THE NATIONAL AVERAGE	107	48%	EPA ECHO DEMOGRAPHIC DATA ARE BASED ON THE 2010 CENSUS AND 2016-2020 AMERICAN COMMUNITY SURVEY (ACS) 5-YEAR SUMMARY. NOTE, THE POVERTY RATE IN THE U.S. IN 2021 WAS 11.6% (U.S. CENSUS)
FACILITIES CURRENTLY WITH VIOLATIONS DISCHARGING INTO IMPAIRED WATERS	93	42%	THERE ARE 93 FACILITIES WITH CURRENT VIOLATIONS UNDER CAA, CWA, RCRA, AND/OR SDWA IN THE MOST RECENT QUARTER THAT ARE DISCHARGING INTO IMPAIRED WATERS BASED ON DATA FROM ATTAINS (ASSESSED WATERS FROM LATEST STATE SUBMISSIONS)
FACILITIES CURRENTLY WITH VIOLATIONS IN NONATTAINMENT AND/OR MAINTENANCE AREAS	96	43%	THERE ARE 96 FACILITIES WITH CURRENT VIOLATIONS UNDER CAA, CWA, RCRA, AND/OR SDWA IN THE MOST RECENT QUARTER THAT ARE LOCATED IN NONATTAINMENT AND/OR MAINTENANCE AREAS FOR ONE OR MORE CRITERIA AIR POLLUTANTS
FACILITIES CURRENTLY WITH SIGNIFICANT CAA VIOLATIONS	50	22%	HIGH PRIORITY CLEAN AIR ACT VIOLATION IN THE MOST RECENT QUARTER
FACILITIES CURRENTLY WITH CAA VIOLATIONS	74	33%	INCLUDES HIGH PRIORITY CLEAN AIR ACT VIOLATIONS AND VIOLATIONS WITH 1 YEAR (IN THE MOST RECENT QUARTER)
FACILITIES CURRENTLY WITH SIGNIFICANT CWA VIOLATIONS	9	4%	SIGNIFICANT / CATEGORY 1 NONCOMPLIANCE CLEAN WATER ACT VIOLATION IN THE MOST RECENT QUARTER
FACILITIES CURRENTLY WITH CWA VIOLATIONS	78	35%	INCLUDES SIGNIFICANT / CATEGORY 1 NONCOMPLIANCE AND VIOLATIONS IDENTIFIED UNDER THE CLEAN WATER ACT (IN THE MOST RECENT QUARTER)
FACILITIES CURRENTLY WITH SIGNIFICANT RCRA VIOLATIONS	19	8%	'SIGNIFICANT NONCOMPLIANT' UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT IN THE MOST RECENT QUARTER
FACILITIES CURRENTLY WITH RCRA VIOLATIONS	43	19%	INCLUDES 'SIGNIFICANT NONCOMPLIANT' AND 'VIOLATION' UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (IN THE MOST RECENT QUARTER)
FACILITIES CURRENTLY WITH SIGNIFICANT SDWA VIOLATIONS	3	1%	'ENFORCEMENT PRIORITY' UNDER THE SAFE DRINKING WATER ACT IN THE MOST RECENT QUARTER
FACILITIES CURRENTLY WITH SDWA VIOLATIONS	7	3%	INCLUDES 'ENFORCEMENT PRIORITY' AND FACILITIES WITH A 'VIOLATION IDENTIFIED' UNDER THE SAFE DRINKING WATER ACT (IN THE MOST RECENT QUARTER)