

SoCalGas, June 15, 2020

Rulemaking (R) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 2020 June Report
Appendix 4, Rev. 03/31/20

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

If all the mains and services are not surveyed annually, use the tab "Unsurveyed Pipeline Leaks" to estimate emissions.

Do not record above ground MSA leaks on this tab. Use Appendix 6 instead. Do continue to list above ground leaks associated with the Distribution Main & Service pipeline system.

After completing the tab on "Pipeline Leaks" and "Unsurveyed Pipeline Leaks," fill in the table for "Pipeline Leak Summary."

Sum Total Emissions from leaks carried over from before 2019
Sum Total Emissions from Survey leaks discovered in 2019
Sum Total Emissions from O&M Leaks discovered in 2019
Grand Total of all 2019 emissions from leaks237,337
201,143
21,150
459,630

Note: No change to O&M leak duration for this reporting year.

Distribution Main & Service Pipeline Leaks:

ID	Geographic Location	Pipe Classification	Pipe Material	Pipe Size (nominal)	Pipe Age (months)	Pressure (psi)	Leak Grade	Upgraded Leak Grade or Downgraded Leak Grade	Above Ground or Below Ground	Leak Discovery Method	Discovery Date (MM/DD/YYYY)	Re-Grade Date (MM/DD/YYYY)	Repair Date (MM/DD/YYYY)	Scheduled Repair Date (MM/DD/YYYY)	Reason for Not Scheduling a Repair	Number of Days Leaking	Number of Days to Repair	Emission Factor (Mscf/Dw)	Annual Emissions (Mscf)	Explanatory Notes / Comments	
1900071 91765	DB	P	1/2" IPS	479	Less than or equal to 60	Code 1			B	M	1/2/2019	N/A	1/2/2019			1		1	0.1098	0.1098	
1900086 90015	DB	PC	1 1/4"	1033	Less than or equal to 60	Code 1			B	M	1/2/2019	N/A	1/2/2019			1		1	0.1098	0.1098	
1900161 92503	DB	P	1/2" CTS	218	Less than or equal to 60	Code 1			B	M	1/3/2019	N/A	1/3/2019			1		1	0.1098	0.1098	
1900176 90011	DB	P	1"	465	Less than or equal to 60	Code 1			B	M	1/3/2019	N/A	1/3/2019			1		1	0.1098	0.1098	
1900217 91360	MB	PC	6"	635	Less than or equal to 60	Code 1			B	M	1/3/2019	N/A	1/3/2019			1		1	0.1098	0.1098	
1900254 91362	DB	P	1/2" IPS	539	Less than or equal to 60	Code 1			B	M	1/4/2019	N/A	1/4/2019			1		1	0.1098	0.1098	
1900301 91361	DB	PC	3/4"	612	Less than or equal to 60	Code 1			B	M	1/4/2019	N/A	1/4/2019			1		1	0.1098	0.1098	
1900311 91360	DB	UC	3/4"	748	Less than or equal to 60	Code 1			B	M	1/4/2019	N/A	1/4/2019			1		1	0.1098	0.1098	
1900357 92879	MB	P	2"	424	Less than or equal to 60	Code 1			B	M	1/5/2019	N/A	1/5/2019			1		1	0.1098	0.1098	
1900390 92260	MB	P	3"	493	Less than or equal to 60	Code 1			B	M	1/6/2019	N/A	1/6/2019			1		1	0.1098	0.1098	
1900391 91041	DB	P	1/2" IPS	517	Less than or equal to 60	Code 1			B	M	1/6/2019	N/A	1/6/2019			1		1	0.1098	0.1098	
1900470 90026	DB	UC	3/4"	673	Less than or equal to 60	Code 1			B	M	1/7/2019	N/A	1/7/2019			1		1	0.1098	0.1098	
1900474 90230	DB	PC	3/4"	749	Less than or equal to 60	Code 1			B	M	1/7/2019	N/A	1/7/2019			1		1	0.1098	0.1098	
1900477 90023	DB	PC	3/4"	41	Less than or equal to 60	Code 1			B	M	1/7/2019	N/A	1/7/2019			1		1	0.1098	0.1098	
1900486 91505	DB	UC	1"		Less than or equal to 60	Code 1			B	M	1/8/2019	N/A	1/8/2019			1		1	0.1098	0.1098	
1900487 92504	DB	UC	3/4"	785	Less than or equal to 60	Code 1			B	M	1/8/2019	N/A	1/8/2019			1		1	0.1098	0.1098	
1900552 91406	DB	PC	3/4"	856	Less than or equal to 60	Code 1			B	M	1/8/2019	N/A	1/8/2019			1		1	0.1098	0.1098	
1900616 90025	MB	PC	3/4"		Less than or equal to 60	Code 1			B	M	1/9/2019	N/A	1/9/2019			1		1	0.1098	0.1098	
1900627 90062	DB	PC	1"		Less than or equal to 60	Code 1			B	M	1/9/2019	N/A	1/9/2019			1		1	0.1098	0.1098	
1900679 91803	DB	PC	3/4"	832	Less than or equal to 60	Code 1			B	M	1/10/2019	N/A	1/10/2019			1		1	0.1098	0.1098	
1900749 91342	DB	UB	3/4"	39	Less than or equal to 60	Code 1			B	M	1/10/2019	N/A	1/10/2019			1		1	0.1098	0.1098	
1900789 91764	DB	UC	3/4"	1122	Less than or equal to 60	Code 1			B	M	1/10/2019	N/A	1/10/2019			1		1	0.1098	0.1098	
1900789 92691	DB	P	1/2" IPS	527	Less than or equal to 60	Code 1			B	M	1/10/2019	N/A	1/10/2019			1		1	0.1098	0.1098	
1900787 90043	DB	P	1/2" CTS	612	Less than or equal to 60	Code 1			B	M	1/11/2019	N/A	1/11/2019			1		1	0.1098	0.1098	
1900789 92843	DB	Unknown	3/4"	669	Less than or equal to 60	Code 1			B	M	1/11/2019	N/A	1/11/2019			1		1	0.1098	0.1098	
1900795 92210	MB		4"	430	Less than or equal to 60	Code 1			B	M	1/11/2019	N/A	1/11/2019			1		1	0.1098	0.1098	
1900809 91214	DB	PC	1"		Less than or equal to 60	Code 1			B	M	1/11/2019	N/A	1/11/2019			1		1	0.1098	0.1098	
1900807 90001	DB	UC	3/4"	667	Less than or equal to 60	Code 1			B	M	1/13/2019	N/A	1/13/2019			1		1	0.1098	0.1098	
1900807 90001	DB	UC	3/4"	667	Less than or equal to 60	Code 1			B	M	1/14/2019	N/A	1/14/2019			1		1	0.1098	0.1098	
1900901 90716	DB	P	1/2" CTS	484	Less than or equal to 60	Code 1			B	M	1/14/2019	N/A	1/14/2019			1		1	0.1098	0.1098	
1900965 90057	MB	UC	4"	1048	Less than or equal to 60	Code 1			B	M	1/15/2019	N/A	1/15/2019			1		1	0.1098	0.1098	
1901019 90028	DB	P	1/2" IPS	558	Less than or equal to 60	Code 1			B	M	1/15/2019	N/A	1/15/2019			1		1	0.1098	0.1098	
1901021 92201	MB	P	2"	483	Less than or equal to 60	Code 1			B	M	1/16/2019	N/A	1/16/2019			1		1	0.1098	0.1098	
1901022 92677	DB	P	1"	501	Less than or equal to 60	Code 1			B	M	1/16/2019	N/A	1/16/2019			1		1	0.1098	0.1098	
1901060 91331	DB	P	1"	477	Less than or equal to 60	Code 1			B	M	1/16/2019	N/A	1/16/2019			1		1	0.1098	0.1098	
1901102 91735	DB	UB	3/4"	793	Less than or equal to 60	Code 1			B	M	1/17/2019	N/A	1/17/2019			1		1	0.1098	0.1098	
1901111 90746	DB	P	1/2" CTS	430	Less than or equal to 60	Code 1			B	M	1/18/2019	N/A	1/18/2019			1		1	0.1098	0.1098	
1901123 91423	DB	P	1"	329	Less than or equal to 60	Code 1			B	M	1/18/2019	N/A	1/18/2019			1		1	0.1098	0.1098	
1901125 90005	DB	P	1"	644	Less than or equal to 60	Code 1			B	M	1/18/2019	N/A	1/18/2019			1		1	0.1098	0.1098	
1901145 91267	DB	PC	1"		Less than or equal to 60	Code 1			B	M	1/18/2019	N/A	1/18/2019			1		1	0.1098	0.1098	
1901155 91103	DB	P	1/2" CTS	410	Less than or equal to 60	Code 1			B	M	1/18/2019	N/A	1/18/2019			1		1	0.1098	0.1098	
1901164 92691	DB	P	1/2" IPS	498	Less than or equal to 60	Code 1			B	M	1/18/2019	N/A	1/18/2019			1		1	0.1098	0.1098	
1901186 90040	DB	UC	3/4"	839	Less than or equal to 60	Code 1			B	M	1/18/2019	N/A	1/18/2019			1		1	0.1098	0.1098	
1901192 90010	DB	UB	3/4"	125	Less than or equal to 60	Code 1			B	M	1/19/2019	N/A	1/19/2019			1		1	0.1098	0.1098	
1901205 90021	DB	UC	3/4"	743	Less than or equal to 60	Code 1			B	M	1/19/2019	N/A	1/19/2019			1		1	0.1098	0.1098	
1901207 91402	DB	P	1/2" IPS	515	Less than or equal to 60	Code 1			B	M	1/19/2019	N/A	1/19/2019			1		1	0.1098	0.1098	
1901212 91207	DB	UC	3/4"	654	Less than or equal to 60	Code 1			B	M	1/20/2019	N/A	1/20/2019			1		1	0.1098	0.1098	
1901216 91403	DB	P	1"	933	Less than or equal to 60	Code 1			B	M	1/20/2019	N/A	1/20/2019			1		1	0.1098	0.1098	
1901217 90017	MB	P	1"	819	Less than or equal to 60	Code 1			B	M	1/20/2019	N/A	1/20/2019			1		1	0.1098	0.1098	
1901219 92661	MB	P	4"	406	Less than or equal to 60	Code 1			B	M	1/20/2019	N/A	1/20/2019			1		1	0.1098	0.1098	
1901220 92887	MB	P	2"	362	Less than or equal to 60	Code 1			B	M	1/20/2019	N/A	1/20/2019			1		1	0.1098	0.1098	
1901222 90051	DB	UC	3/4"	910	Less than or equal to 60	Code 1			B	M	1/20/2019	N/A	1/20/2019			1		1	0.1098	0.1098	
1901225 90040	MB	UC	2"	827	Less than or equal to 60	Code 1			B	M	1/21/2019	N/A	1/21/2019			1		1	0.1098	0.1098	
1901231 92649	DB	P	2"	447	Less than or equal to 60	Code 1			B	M	1/21/2019	N/A	1/21/2019			1		1	0.1098	0.1098	
1901232 92649	DB	UC	3/4"		Less than or equal to 60	Code 1			B	M	1/21/2019	N/A	1/21/2019			1		1	0.1098	0.1098	
1901233 91764	DB	UB	3/4"	676	Less than or equal to 60	Code 1			B	M	1/21/2019	N/A	1/21/2019			1		1	0.1098	0.1098	
1901251 91104	DB	P	1/2" CTS	397	Less than or equal to 60	Code 1			B	M	1/22/2019	N/A	1/22/2019			1		1	0.1098	0.1098	
1901264 90713	DB	UC	3/4"	833	Less than or equal to 60	Code 1			B	M	1/22/2019	N/A	1/22/2019			1		1	0.1098	0.1098	
1901317 90077	DB	UC	1"	686	Less than or equal to 60	Code 1			B	M	1/22/2019	N/A	1/22/2019			1		1	0.1098	0.1098	
1901327 91602	DB	UC	3/4"	648	Less than or equal to 60	Code 1			B	M	1/22/2019	N/A	1/22/2019			1		1	0.1098	0.1098	
1901347 91403	MB	UC	3"	986	Less than or equal to 60	Code 1			B	M	1/23/2019	N/A	1/23/2019			1		1	0.1098	0.1098	
1901349 90068	MB	UC	1"	1099	Less than or equal to 60	Code 1			B	M	1/23/2019	N/A	1/23/2019			1		1	0.10		

1902151	93023	DB	UC	3/4"	Less than or equal to 60	Code 1	B	M	2/1/2019	N/A	2/1/2019	1	1	0.1098	0.1098
1902185	90047	DB	UC	3/4"	872 Less than or equal to 60	Code 1	B	M	2/2/2019	N/A	2/2/2019	1	1	0.1098	0.1098
1902188	90039	DB	P	1/2" IPS	503 Less than or equal to 60	Code 1	B	M	2/2/2019	N/A	2/2/2019	1	1	0.1098	0.1098
1902193	90031	DB	PC	3/4"	309 Less than or equal to 60	Code 1	B	M	2/2/2019	N/A	2/2/2019	1	1	0.1098	0.1098
1902226	91204	DB	PC	1"	611 Less than or equal to 60	Code 1	B	M	2/4/2019	N/A	2/4/2019	1	1	0.1098	0.1098
1902261	91755	DB	Unknown	3/4"	779 Less than or equal to 60	Code 1	B	M	2/5/2019	N/A	2/5/2019	1	1	0.1098	0.1098
1902289	91201	DB	UC	1"	959 Less than or equal to 60	Code 1	B	M	2/5/2019	N/A	2/5/2019	1	1	0.1098	0.1098
1902286	92703	MB	PC	2"	671 Less than or equal to 60	Code 1	B	M	2/6/2019	N/A	2/6/2019	1	1	0.1098	0.1098
1902371	92866	DB	P	1/2" CTS	455 Less than or equal to 60	Code 1	B	M	2/6/2019	N/A	2/6/2019	1	1	0.1098	0.1098
1902381	90405	DB	PC	3/4"	662 Less than or equal to 60	Code 1	B	M	2/6/2019	N/A	2/6/2019	1	1	0.1098	0.1098
1902390	92335	DB	UB	3/4"	Less than or equal to 60	Code 1	B	M	2/7/2019	N/A	2/7/2019	1	1	0.1098	0.1098
1902401	91709	DB	P	1/2" IPS	507 Less than or equal to 60	Code 1	B	M	2/7/2019	N/A	2/7/2019	1	1	0.1098	0.1098
1902447	91604	DB	P	1/2" CTS	437 Less than or equal to 60	Code 1	B	M	2/7/2019	N/A	2/7/2019	1	1	0.1098	0.1098
1902455	91604	MB	P	2"	437 Less than or equal to 60	Code 1	B	M	2/7/2019	N/A	2/7/2019	1	1	0.1098	0.1098
1902471	91013	DB	P	1/2" CTS	448 Less than or equal to 60	Code 1	B	M	2/7/2019	N/A	2/7/2019	1	1	0.1098	0.1098
1902479	92630	MB	P	2"	410 Less than or equal to 60	Code 1	B	M	2/8/2019	N/A	2/8/2019	1	1	0.1098	0.1098
1902500	90602	MB	PC	2"	695 Less than or equal to 60	Code 1	B	M	2/8/2019	N/A	2/8/2019	1	1	0.1098	0.1098
1902520	90097	MB	UC	2"	781 Less than or equal to 60	Code 1	B	M	2/8/2019	N/A	2/8/2019	1	1	0.1098	0.1098
1902542	91740	MB	UB	2"	755 Less than or equal to 60	Code 1	B	M	2/8/2019	N/A	2/8/2019	1	1	0.1098	0.1098
1902551	90049	DB	UC	3/4"	645 Less than or equal to 60	Code 1	B	M	2/8/2019	N/A	2/8/2019	1	1	0.1098	0.1098
1902579	92692	DB	P	1/2" IPS	559 Less than or equal to 60	Code 1	B	M	2/9/2019	N/A	2/9/2019	1	1	0.1098	0.1098
1902588	91766	DB	P	1/2" CTS	369 Less than or equal to 60	Code 1	B	M	2/9/2019	N/A	2/9/2019	1	1	0.1098	0.1098
1902597	91748	DB	P	1/2" CTS	482 Less than or equal to 60	Code 1	B	M	2/10/2019	N/A	2/10/2019	1	1	0.1098	0.1098
1902617	92505	DB	P	1"	431 Less than or equal to 60	Code 1	B	M	2/11/2019	N/A	2/11/2019	1	1	0.1098	0.1098
1902624	91342	DB	UC	3/4"	795 Less than or equal to 60	Code 1	B	M	2/11/2019	N/A	2/11/2019	1	1	0.1098	0.1098
1902666	90504	DB	PC	3/4"	832 Less than or equal to 60	Code 1	B	M	2/11/2019	N/A	2/11/2019	1	1	0.1098	0.1098
1902682	91550	MB	Unknown	1"	458 Less than or equal to 60	Code 1	B	M	2/11/2019	N/A	2/11/2019	1	1	0.1098	0.1098
1902705	90275	DB	PC	3/4"	754 Less than or equal to 60	Code 1	B	M	2/12/2019	N/A	2/12/2019	1	1	0.1098	0.1098
1902719	91108	DB	UC	1"	971 Less than or equal to 60	Code 1	B	M	2/12/2019	N/A	2/12/2019	1	1	0.1098	0.1098
1902742	90065	DB	UC	1 1/4"	453 Less than or equal to 60	Code 1	B	M	2/12/2019	N/A	2/12/2019	1	1	0.1098	0.1098
1902747	92804	DB	UC	2"	655 Less than or equal to 60	Code 1	B	M	2/12/2019	N/A	2/12/2019	1	1	0.1098	0.1098
1902805	90391	DB	PC	3/4"	468 Less than or equal to 60	Code 1	B	M	2/12/2019	N/A	2/12/2019	1	1	0.1098	0.1098
1902819	92399	MB	UB	2"	760 Less than or equal to 60	Code 1	B	M	2/13/2019	N/A	2/13/2019	1	1	0.1098	0.1098
1902922	92801	DB	UC	3/4"	721 Less than or equal to 60	Code 1	B	M	2/15/2019	N/A	2/15/2019	1	1	0.1098	0.1098
1902939	91803	DB	PC	3/4"	598 Less than or equal to 60	Code 1	B	M	2/15/2019	N/A	2/15/2019	1	1	0.1098	0.1098
1902960	91332	DB	UB	3/4"	716 Less than or equal to 60	Code 1	B	M	2/15/2019	N/A	2/15/2019	1	1	0.1098	0.1098
1902964	90204	DB	PC	2"	182 Less than or equal to 60	Code 1	B	M	2/15/2019	N/A	2/15/2019	1	1	0.1098	0.1098
1902964	90201	DB	UC	3/4"	481 Less than or equal to 60	Code 1	B	M	2/15/2019	N/A	2/15/2019	1	1	0.1098	0.1098
1902978	91001	DB	UC	3/4"	818 Less than or equal to 60	Code 1	B	M	2/15/2019	N/A	2/15/2019	1	1	0.1098	0.1098
1902981	91734	DB	UC	3/4"	744 Less than or equal to 60	Code 1	B	M	2/16/2019	N/A	2/16/2019	1	1	0.1098	0.1098
1903001	91426	MB	PC	2"	1015 Less than or equal to 60	Code 1	B	M	2/16/2019	N/A	2/16/2019	1	1	0.1098	0.1098
1903028	90042	DB	UC	3/4"	698 Less than or equal to 60	Code 1	B	M	2/18/2019	N/A	2/18/2019	1	1	0.1098	0.1098
1903119	90640	DB	PB	3/4"	705 Less than or equal to 60	Code 1	B	M	2/19/2019	N/A	2/19/2019	1	1	0.1098	0.1098
1903134	91709	MB	P	2"	507 Less than or equal to 60	Code 1	B	M	2/20/2019	N/A	2/20/2019	1	1	0.1098	0.1098
1903151	90201	DB	P	1/2" CTS	743 Less than or equal to 60	Code 1	B	M	2/20/2019	N/A	2/20/2019	1	1	0.1098	0.1098
1903212	91711	MB	UB	2"	863 Less than or equal to 60	Code 1	B	M	2/20/2019	N/A	2/20/2019	1	1	0.1098	0.1098
1903238	90221	DB	P	1/2" CTS	383 Less than or equal to 60	Code 1	B	M	2/20/2019	N/A	2/20/2019	1	1	0.1098	0.1098
1903260	90210	DB	PC	3/4"	227 Less than or equal to 60	Code 1	B	M	2/21/2019	N/A	2/21/2019	1	1	0.1098	0.1098
1903261	92405	DB	PC	1"	Less than or equal to 60	Code 1	B	M	2/21/2019	N/A	2/21/2019	1	1	0.1098	0.1098
1903271	92703	DB	Unknown	3/4"	19 Less than or equal to 60	Code 1	B	M	2/21/2019	N/A	2/21/2019	1	1	0.1098	0.1098
1903320	91241	DB	UC	3/4"	791 Less than or equal to 60	Code 1	B	M	2/21/2019	N/A	2/21/2019	1	1	0.1098	0.1098
1903360	90206	DB	UC	3/4"	775 Less than or equal to 60	Code 1	B	M	2/22/2019	N/A	2/22/2019	1	1	0.1098	0.1098
1903372	92134	DB	PC	3/4"	619 Less than or equal to 60	Code 1	B	M	2/22/2019	N/A	2/22/2019	1	1	0.1098	0.1098
1903417	92861	DB	UC	3/4"	683 Less than or equal to 60	Code 1	B	M	2/22/2019	N/A	2/22/2019	1	1	0.1098	0.1098
1903420	90638	DB	UC	3/4"	724 Less than or equal to 60	Code 1	B	M	2/22/2019	N/A	2/22/2019	1	1	0.1098	0.1098
1903440	91741	MB	UB	2"	619 Less than or equal to 60	Code 1	B	M	2/22/2019	N/A	2/22/2019	1	1	0.1098	0.1098
1903431	91506	DB	UC	3/4"	847 Less than or equal to 60	Code 1	B	M	2/22/2019	N/A	2/22/2019	1	1	0.1098	0.1098
1903466	92243	DB	PC	3/4"	Less than or equal to 60	Code 1	B	M	2/24/2019	N/A	2/24/2019	1	1	0.1098	0.1098
1903471	91303	DB	PC	3/4"	837 Less than or equal to 60	Code 1	B	M	2/24/2019	N/A	2/24/2019	1	1	0.1098	0.1098
1903477	90031	DB	UB	3/4"	752 Less than or equal to 60	Code 1	B	M	2/25/2019	N/A	2/25/2019	1	1	0.1098	0.1098
1903511	91711	MB	UB	2"	755 Less than or equal to 60	Code 1	B	M	2/25/2019	N/A	2/25/2019	1	1	0.1098	0.1098
1903521	91063	DB	P	1/2" IPS	559 Less than or equal to 60	Code 1	B	M	2/25/2019	N/A	2/25/2019	1	1	0.1098	0.1098
1903522	91504	MB	UB	2"	957 Less than or equal to 60	Code 1	B	M	2/25/2019	N/A	2/25/2019	1	0.0579	0.05780861	
1903538	91011	DB	UB	3/4"	765 Less than or equal to 60	Code 1	B	M	2/25/2019	N/A	2/25/2019	1	1	0.1098	0.1098
1903541	90025	DB	PC	3/4"	674 Less than or equal to 60	Code 1	B	M	2/25/2019	N/A	2/25/2019	1	1	0.1098	0.1098
1903547	90240	DB	UC	3/4"	812 Less than or equal to 60	Code 1	B	M	2/25/2019	N/A	2/25/2019	1	1	0.1098	0.1098
1903558	90027	DB	PC	1"	614 Less than or equal to 60	Code 1	B	M	2/25/2019	N/A	2/25/2019	1	1	0.1098	0.1098
1903565	90068	DB	PB	3/4"	745 Less than or equal to 60	Code 1	B	M	2/25/2019	N/A	2/25/2019	1	1	0.1098	0.1098
1903571	92805	MB	P	2"	498 Less than or equal to 60	Code 1	B	M	2/26/2019	N/A	2/26/2019	1	1	0.1098	0.1098
1903576	90275	MB	P	2"	438 Less than or equal to 60	Code 1	B	M	2/26/2019	N/A	2/26/2019	1	1	0.1098	0.1098
1903588	91206	DB	UB	1"	971 Less than or equal to 60	Code 1	B	M	2/26/2019	N/A	2/26/2019	1	1	0.1098	0.1098
1903600	91505	DB	UC	1"	947 Less than or equal to 60	Code 1	B	M	2/26/2019	N/A	2/26/2019	1	1	0.1098	0.1098
1903608	90005	DB	UC	3/4"	456 Less than or equal to 60	Code 1	B	M	2/26/2019	N/A	2/26/2019	1	1	0.1098	0.1098
1903631	90201	MB	P	2"	390 Less than or equal to 60	Code 1	B	M	2/26/2019	N/A	2/26/2019	1	1	0.1098	0.1098
1903637	90732	DB	PC	3/4"	776 Less than or equal to 60	Code 1	B	M	2/26/2019	N/A	2/26/2019	1	1	0.1098	0.1098
1903662	91764	DB	UC	3/4"	769 Less than or equal to 60	Code 1	B	M	2/26/2019	N/A	2/26/2019	1	1	0.1098	0.1098
1903772	91272	DB	UB	3/4"	618 Less than or equal to 60	Code 1	B	M	2/28/2019	N/A	2/28/2019	1	1	0.1098	0.1098
1903773	90220	DB	PC	3/4"	62 Less than or equal to 60	Code 1	B	M	2/28/2019	N/A	2/28/2019	1	1	0.1098	0.1098
1903790	92164	DB	UC	1"	681 Less than or equal to 60	Code 1	B	M	2/28/2019	N/A	2/28/2019	1	1	0.1098	0.1098
1903798	91001	DB	UB	1 1/4"	765 Less than or equal to 60	Code 1	B	M	2/28/2019	N/A	2/28/2019	1	1	0.1098	0.1098
1903863	92625	DB	P	1/2" CTS	455 Less than or equal to 60	Code 1	B	M	2/28/2019	N/A	2/28/2019	1	1	0.1098	0.1098
1903864	92625	DB	P	1/2" CTS	455 Less than or equal to 60	Code 1	B	M	2/28/2019	N/A	2/28/2019	1	1	0.1098	0.1098
1903873	92354	MB	P	2"	425 Less than or equal to 60	Code 1	B	M	3/1/2019	N/A	3/1/2019	1	1	0.1098	0.1098
1903961	92821	DB	PC	3/4"	653 Less than or equal to 60	Code 1	B	M	3/2/20						

1905006	90011	DB	PB	1"	1026	Less than or equal to 60	Code 1	B	M	3/18/2019	N/A	3/18/2019	1	1	0.1098	0.1098
1905024	91387	DB	UC	3/4"	754	Less than or equal to 60	Code 1	B	M	3/18/2019	N/A	3/18/2019	1	1	0.1098	0.1098
1905031	90540-2107	MB	MB	2"	659	Less than or equal to 60	Code 1	B	M	3/18/2019	N/A	3/18/2019	1	1	0.1098	0.1098
1905039	92653	DB	P	1/2" CTS	479	Less than or equal to 60	Code 1	B	M	3/18/2019	N/A	3/18/2019	1	1	0.1098	0.1098
1905044	91730	DB	UB	3/4"	771	Less than or equal to 60	Code 1	B	M	3/18/2019	N/A	3/18/2019	1	1	0.1098	0.1098
1905051	90001	DB	UC	1"	Less than or equal to 60	Code 1	B	M	3/18/2019	N/A	3/18/2019	1	1	0.1098	0.1098	
1905060	91723	MB	UB	2"	803	Less than or equal to 60	Code 1	B	M	3/18/2019	N/A	3/18/2019	1	1	0.1098	0.1098
1905067	92888-2327	MB	UB	3"	1139	Less than or equal to 60	Code 1	B	M	3/19/2019	N/A	3/19/2019	1	1	0.1098	0.1098
1905089	92833-2074	MB	PC	8"	493	Less than or equal to 60	Code 1	B	M	3/19/2019	N/A	3/19/2019	1	1	0.1098	0.1098
1905167	90260	DB	PC	3/4"	817	Less than or equal to 60	Code 1	B	M	3/20/2019	N/A	3/20/2019	1	1	0.1098	0.1098
1905184	90060	MB	UB	3"	754	Less than or equal to 60	Code 1	B	M	3/20/2019	N/A	3/20/2019	1	1	0.1098	0.1098
1905219	91355	DB	P	1/2" CTS	235	Less than or equal to 60	Code 1	B	M	3/20/2019	N/A	3/20/2019	1	1	0.1098	0.1098
1905306	90221	DB	P	1/2" CTS	404	Less than or equal to 60	Code 1	B	M	3/22/2019	N/A	3/22/2019	1	1	0.1098	0.1098
1905446	91710	MB	UB	2"	883	Less than or equal to 60	Code 1	B	M	3/23/2019	N/A	3/23/2019	1	1	0.1098	0.1098
1905471	91001-4532	DB	UC	1"	844	Less than or equal to 60	Code 1	B	M	3/23/2019	N/A	3/23/2019	1	1	0.1098	0.1098
1905482	90405	MB	PB	3"	1151	Less than or equal to 60	Code 1	B	M	3/24/2019	N/A	3/24/2019	1	1	0.1098	0.1098
1905487	91010	MB	UB	2"	483	Less than or equal to 60	Code 1	B	M	3/25/2019	N/A	3/25/2019	1	1	0.1098	0.1098
1905601	91107	MB	UB	2"	871	Less than or equal to 60	Code 1	B	M	3/25/2019	N/A	3/25/2019	1	1	0.1098	0.1098
1905627	91320	DB	PC	3/4"	Less than or equal to 60	Code 1	B	M	3/26/2019	N/A	3/26/2019	1	1	0.1098	0.1098	
1905702	90027	DB	UC	3/4"	660	Less than or equal to 60	Code 1	B	M	3/26/2019	N/A	3/26/2019	1	1	0.1098	0.1098
1905718	92503-3015	DB	PC	3/4"	572	Less than or equal to 60	Code 1	B	M	3/26/2019	N/A	3/26/2019	1	1	0.1098	0.1098
1905724	90040	DB	P	1/2" CTS	463	Less than or equal to 60	Code 1	B	M	3/27/2019	N/A	3/27/2019	1	1	0.1098	0.1098
1905791	92404	DB	UB	3/4"	735	Less than or equal to 60	Code 1	B	M	3/27/2019	N/A	3/27/2019	1	1	0.1098	0.1098
1905817	913030	DB	P	1/2" IPS	565	Less than or equal to 60	Code 1	B	M	3/27/2019	N/A	3/27/2019	1	1	0.1098	0.1098
1905884	92691-4443	DB	PB	3/4"	600	Less than or equal to 60	Code 1	B	M	3/28/2019	N/A	3/28/2019	1	1	0.1098	0.1098
1905901	90033	DB	UC	3/4"	Less than or equal to 60	Code 1	B	M	3/28/2019	N/A	3/28/2019	1	1	0.1098	0.1098	
1905896	91604	DB	UC	3/4"	691	Less than or equal to 60	Code 1	B	M	3/28/2019	N/A	3/28/2019	1	1	0.1098	0.1098
1905966	91786-2658	MB	UB	2"	671	Less than or equal to 60	Code 1	B	M	3/29/2019	N/A	3/29/2019	1	1	0.1098	0.1098
1905971	90049	DB	UC	3/4"	508	Less than or equal to 60	Code 1	B	M	3/29/2019	N/A	3/29/2019	1	1	0.1098	0.1098
1905974	91606	DB	Unknown	1"	24	Less than or equal to 60	Code 1	B	M	3/29/2019	N/A	3/29/2019	1	1	0.1098	0.1098
1905984	90201	DB	P	1"	Less than or equal to 60	Code 1	B	M	3/29/2019	N/A	3/29/2019	1	1	0.1098	0.1098	
1905989	91423	DB	UC	1"	418	Less than or equal to 60	Code 1	B	M	3/29/2019	N/A	3/29/2019	1	1	0.1098	0.1098
1905993	91605	DB	UB	3/4"	797	Less than or equal to 60	Code 1	B	M	3/29/2019	N/A	3/29/2019	1	1	0.1098	0.1098
1906008	92661	DB	PC	3/4"	857	Less than or equal to 60	Code 1	B	M	3/29/2019	N/A	3/29/2019	1	1	0.1098	0.1098
1906041	90066	DB	P	1/2" CTS	467	Less than or equal to 60	Code 1	B	M	3/31/2019	N/A	3/31/2019	1	1	0.1098	0.1098
1906044	90041	DB	UB	3/4"	627	Less than or equal to 60	Code 1	B	M	3/31/2019	N/A	3/31/2019	1	1	0.1098	0.1098
1906046	90040	DB	PC	3/4"	803	Less than or equal to 60	Code 1	B	M	3/31/2019	N/A	3/31/2019	1	1	0.1098	0.1098
1906064	90065	DB	UC	3/4"	675	Less than or equal to 60	Code 1	B	M	4/1/2019	N/A	4/1/2019	1	1	0.1098	0.1098
1906258	90260	DB	PC	3/4"	418	Less than or equal to 60	Code 1	B	M	4/2/2019	N/A	4/2/2019	1	1	0.1098	0.1098
1906271	91301	DB	PC	3/4"	735	Less than or equal to 60	Code 1	B	M	4/2/2019	N/A	4/2/2019	1	1	0.1098	0.1098
1906325	91420	DB	P	1/2" IPS	433	Less than or equal to 60	Code 1	B	M	4/3/2019	N/A	4/3/2019	1	1	0.1098	0.1098
1906337	90068	DB	UC	3/4"	599	Less than or equal to 60	Code 1	B	M	4/3/2019	N/A	4/3/2019	1	1	0.1098	0.1098
1906379	90064	MB	PC	3"	827	Less than or equal to 60	Code 1	B	M	4/4/2019	N/A	4/4/2019	1	1	0.1098	0.1098
1906476	91784-1337	MB	UC	2"	671	Less than or equal to 60	Code 1	B	M	4/5/2019	N/A	4/5/2019	1	1	0.1098	0.1098
1906535	91104	DB	UC	3/4"	594	Less than or equal to 60	Code 1	B	M	4/5/2019	N/A	4/5/2019	1	1	0.1098	0.1098
1906537	91103	DB	P	1/2" CTS	502	Less than or equal to 60	Code 1	B	M	4/5/2019	N/A	4/5/2019	1	1	0.1098	0.1098
1906550	91214	DB	UC	3/4"	868	Less than or equal to 60	Code 1	B	M	4/5/2019	N/A	4/5/2019	1	1	0.1098	0.1098
1906559	92571	DB	P	1/2" CTS	630	Less than or equal to 60	Code 1	B	M	4/6/2019	N/A	4/6/2019	1	1	0.1098	0.1098
1906611	90013	DB	UC	3/4"	746	Less than or equal to 60	Code 1	B	M	4/8/2019	N/A	4/8/2019	1	1	0.1098	0.1098
1906631	91384	MB	MB	3/4"	680	Less than or equal to 60	Code 1	B	M	4/8/2019	N/A	4/8/2019	1	1	0.1098	0.1098
1906633	91314	DB	UC	3/8"	860	Less than or equal to 60	Code 1	B	M	4/8/2019	N/A	4/8/2019	1	1	0.1098	0.1098
1906660	90708	DB	UC	1"	Less than or equal to 60	Code 1	B	M	4/8/2019	N/A	4/8/2019	1	1	0.1098	0.1098	
1906664	92399-4450	DB	UC	3/4"	814	Less than or equal to 60	Code 1	B	M	4/8/2019	N/A	4/8/2019	1	1	0.1098	0.1098
1906675	90260	DB	PC	3/4"	817	Less than or equal to 60	Code 1	B	M	4/8/2019	N/A	4/8/2019	1	1	0.1098	0.1098
1906681	91731-1655	MB	UC	2"	899	Less than or equal to 60	Code 1	B	M	4/9/2019	N/A	4/9/2019	1	1	0.1098	0.1098
1906712	91212	DB	P	1/2" CTS	410	Less than or equal to 60	Code 1	B	M	4/9/2019	N/A	4/9/2019	1	1	0.1098	0.1098
1906725	91206	DB	P	1/2" IPS	515	Less than or equal to 60	Code 1	B	M	4/9/2019	N/A	4/9/2019	1	1	0.1098	0.1098
1906740	90046	DB	UC	3/4"	771	Less than or equal to 60	Code 1	B	M	4/9/2019	N/A	4/9/2019	1	1	0.1098	0.1098
1906761	91303	DB	PC	3/4"	544	Less than or equal to 60	Code 1	B	M	4/9/2019	N/A	4/9/2019	1	1	0.1098	0.1098
1906886	92411-1424	MB	UB	2"	803	Less than or equal to 60	Code 1	B	M	4/11/2019	N/A	4/11/2019	1	1	0.1098	0.1098
1906901	91263	DB	PB	3/4"	159	Less than or equal to 60	Code 1	B	M	4/11/2019	N/A	4/11/2019	1	1	0.1098	0.1098
1906931	92374-3470	MB	UC	2"	820	Less than or equal to 60	Code 1	B	M	4/12/2019	N/A	4/12/2019	1	1	0.1098	0.1098
1907136	90066	DB	Unknown	3/4"	850	Less than or equal to 60	Code 1	B	M	4/15/2019	N/A	4/15/2019	1	1	0.1098	0.1098
1907169	91201	DB	UC	3/4"	713	Less than or equal to 60	Code 1	B	M	4/15/2019	N/A	4/15/2019	1	1	0.1098	0.1098
1907177	92464-1223	MB	UC	2"	865	Less than or equal to 60	Code 1	B	M	4/16/2019	N/A	4/16/2019	1	1	0.1098	0.1098
1907240	92614	MB	P	2"	411	Less than or equal to 60	Code 1	B	M	4/16/2019	N/A	4/16/2019	1	1	0.1098	0.1098
1907321	91206	DB	UC	3/4"	Less than or equal to 60	Code 1	B	M	4/17/2019	N/A	4/17/2019	1	1	0.1098	0.1098	
1907330	92404	DB	PC	3/4"	404	Less than or equal to 60	Code 1	B	M	4/17/2019	N/A	4/17/2019	1	1	0.1098	0.1098
1907340	91401	DB	PC	3/4"	582	Less than or equal to 60	Code 1	B	M	4/17/2019	N/A	4/17/2019	1	1	0.1098	0.1098
1907537	90744	DB	UC	3/4"	786	Less than or equal to 60	Code 1	B	M	4/19/2019	N/A	4/19/2019	1	1	0.1098	0.1098
1907545	92648-1008	DB	P	1/2" IPS	527	Less than or equal to 60	Code 1	B	M	4/19/2019	N/A	4/19/2019	1	1	0.1098	0.1098
1907557	90005	DB	PC	2"	391	Less than or equal to 60	Code 1	B	M	4/20/2019	N/A	4/20/2019	1	1	0.1098	0.1098
1907570	92805-1403	DB	UC	3/4"	803	Less than or equal to 60	Code 1	B	M	4/20/2019	N/A	4/20/2019	1	1	0.1098	0.1098
1907768	91733	MB	UC	6"	863	Less than or equal to 60	Code 1	B	M	4/24/2019	N/A	4/24/2019	1	1	0.1098	0.1098
1907789	90033	MB	P	2"	456	Less than or equal to 60	Code 1	B	M	4/24/2019	N/A	4/24/2019	1	1	0.1098	0.1098
1907940	91407	DB	UC	3/4"	955	Less than or equal to 60	Code 1	B	M	4/25/2019	N/A	4/25/2019	1	1	0.1098	0.1098
1907983	90723-4433	DB	UC	3/4"	827	Less than or equal to 60	Code 1	B	M	4/25/2019	N/A	4/25/2019	1	1	0.1098	0.1098
1908021	90049	DB	PC	3/4"	Less than or equal to 60	Code 1	B	M	4/25/2019	N/A	4/25/2019	1	1	0.1098	0.1098	
1908090	91325	DB	P	1/2" CTS	402	Less than or equal to 60	Code 1	B	M	4/26/2019	N/A	4/26/2019	1	1	0.1098	0.1098
1908107	92861	DB	P	1/2" IPS	510	Less than or equal to 60	Code 1	B	M	4/26/2019	N/A	4/26/2019	1	1	0.1098	0.1098
1908115	92656-1854	MB	P	2"	357	Less than or equal to 60	Code 1	B	M							

1910412	900301	DB	UC	1"	424	Less than or equal to 60	Code 1	B	M	5/29/2019	N/A	5/29/2019	1	1	0.1098	0.1098
1910425	91722	MB	UB	2"	767	Less than or equal to 60	Code 1	B	M	5/29/2019	N/A	5/29/2019	1	1	0.1098	0.1098
1910551	91801-3069	DB	UB	1"	1119	Less than or equal to 60	Code 1	B	M	5/31/2019	N/A	5/31/2019	1	1	0.1098	0.1098
1910571	90012	MB	UC	3/4"	805	Less than or equal to 60	Code 1	B	M	5/31/2019	N/A	5/31/2019	1	1	0.1098	0.1098
1910575	92230-1406	DB	PC	3/4"	679	Less than or equal to 60	Code 1	B	M	5/31/2019	N/A	5/31/2019	1	1	0.1098	0.1098
1910595	91105	MB	UB	3"	103	Less than or equal to 60	Code 1	B	M	5/31/2019	N/A	5/31/2019	1	1	0.1098	0.1098
1910627	90042-3255	DB	P	1/2" CTS	435	Less than or equal to 60	Code 1	B	M	6/1/2019	N/A	6/1/2019	1	1	0.1098	0.1098
1910645	91214-7053	DB	UC	3/4"	747	Less than or equal to 60	Code 1	B	M	6/2/2019	N/A	6/2/2019	1	1	0.1098	0.1098
1910717	91101	MB	MB	2"	815	Less than or equal to 60	Code 1	B	M	6/3/2019	N/A	6/3/2019	1	1	0.1098	0.1098
1910725	90063	DB	UC	Unknown		Less than or equal to 60	Code 1	B	M	6/3/2019	N/A	6/3/2019	1	1	0.1098	0.1098
1910866	90230	DB	PC	3/4"	793	Less than or equal to 60	Code 1	B	M	6/9/2019	N/A	6/9/2019	1	1	0.1098	0.1098
1911006	90263	DB	P	1"	78	Less than or equal to 60	Code 1	B	M	6/7/2019	N/A	6/7/2019	1	1	0.1098	0.1098
1911007	90706	MB	P	1"	415	Less than or equal to 60	Code 1	B	M	6/7/2019	N/A	6/7/2019	1	1	0.1098	0.1098
1911076	91883	DB	UC	3/4"	359	Less than or equal to 60	Code 1	B	M	6/7/2019	N/A	6/7/2019	1	1	0.1098	0.1098
1911091	90403-2314	DB	P	1/2" CTS	395	Less than or equal to 60	Code 1	B	M	6/7/2019	N/A	6/7/2019	1	1	0.1098	0.1098
1911111	912374-2221	DB	UC	3/4"	786	Less than or equal to 60	Code 1	B	M	6/7/2019	N/A	6/7/2019	1	1	0.1098	0.1098
1911381	90600	MB	UB	2"	851	Less than or equal to 60	Code 1	B	M	6/10/2019	N/A	6/10/2019	1	1	0.1098	0.1098
1911239	91308	DB	P	1/2" IPS	543	Less than or equal to 60	Code 1	B	M	6/10/2019	N/A	6/10/2019	1	1	0.1098	0.1098
1911244	90040	DB	UC	1"	753	Less than or equal to 60	Code 1	B	M	6/10/2019	N/A	6/10/2019	1	1	0.1098	0.1098
1911249	90027-3202	DB	P	1/2" CTS	458	Less than or equal to 60	Code 1	B	M	6/11/2019	N/A	6/11/2019	1	1	0.1098	0.1098
1911290	90022-2808	MB	P	2"	438	Less than or equal to 60	Code 1	B	M	6/11/2019	N/A	6/11/2019	1	1	0.1098	0.1098
1911304	90022	DB	UC	1"		Less than or equal to 60	Code 1	B	M	6/11/2019	N/A	6/11/2019	1	1	0.1098	0.1098
1911391	90210-2715	DB	P	1"		Less than or equal to 60	Code 1	B	M	6/11/2019	N/A	6/11/2019	1	1	0.1098	0.1098
1911441	91786-2854	MB	UB	2"	743	Less than or equal to 60	Code 1	B	M	6/12/2019	N/A	6/12/2019	1	1	0.1098	0.1098
1911455	90033-2027	DB	PC	3/4"	882	Less than or equal to 60	Code 1	B	M	6/12/2019	N/A	6/12/2019	1	1	0.1098	0.1098
1911470	90065-3704	MB	UC	6"	1162	Less than or equal to 60	Code 1	B	M	6/13/2019	N/A	6/13/2019	1	1	0.1098	0.1098
1911474	90275-2042	DB	P	1/2" CTS	384	Less than or equal to 60	Code 1	B	M	6/13/2019	N/A	6/13/2019	1	1	0.1098	0.1098
1911486	90210-2225	DB	P	1"	20	Less than or equal to 60	Code 1	B	M	6/10/2019	N/A	6/10/2019	1	1	0.1098	0.1098
1911515	91620-2554	MB	P	1"	417	Less than or equal to 60	Code 1	B	M	6/13/2019	N/A	6/13/2019	1	1	0.1098	0.1098
1911537	90042-1609	DB	UC	3/4"	566	Less than or equal to 60	Code 1	B	M	6/13/2019	N/A	6/13/2019	1	1	0.1098	0.1098
1911621	90023-2309	DB	UC	3/4"	657	Less than or equal to 60	Code 1	B	M	6/14/2019	N/A	6/14/2019	1	1	0.1098	0.1098
1911634	91386-2210	DB	P	1/2" IPS	508	Less than or equal to 60	Code 1	B	M	6/14/2019	N/A	6/14/2019	1	1	0.1098	0.1098
1911666	91605-3317	DB	UC	3/4"	906	Less than or equal to 60	Code 1	B	M	6/16/2019	N/A	6/16/2019	1	1	0.1098	0.1098
1911667	91201-2815	DB	UC	3/4"		Less than or equal to 60	Code 1	B	M	6/16/2019	N/A	6/16/2019	1	1	0.1098	0.1098
1911623	90044-5475	DB	UC	3/4"	892	Less than or equal to 60	Code 1	B	M	6/16/2019	N/A	6/16/2019	1	1	0.1098	0.1098
1911877	91791-1052	DB	UC	3/4"	723	Less than or equal to 60	Code 1	B	M	6/18/2019	N/A	6/18/2019	1	1	0.1098	0.1098
1912066	90242	DB	PC	3/4"	947	Less than or equal to 60	Code 1	B	M	6/20/2019	N/A	6/20/2019	1	1	0.1098	0.1098
1912141	91703-4886	DB	UC	3/4"	614	Less than or equal to 60	Code 1	B	M	6/20/2019	N/A	6/20/2019	1	1	0.1098	0.1098
1912202	92354-3418	DB	PC	3/4"	598	Less than or equal to 60	Code 1	B	M	6/21/2019	N/A	6/21/2019	1	1	0.1098	0.1098
1912257	90049	DB	UC	3/4"	836	Less than or equal to 60	Code 1	B	M	6/23/2019	N/A	6/23/2019	1	1	0.1098	0.1098
1912361	90040	MB	P	1"	433	Less than or equal to 60	Code 1	B	M	6/25/2019	N/A	6/25/2019	1	1	0.1098	0.1098
1912429	91108-1342	DB	UC	1"	971	Less than or equal to 60	Code 1	B	M	6/25/2019	N/A	6/25/2019	1	1	0.1098	0.1098
1912445	90015-3103	MB	UB	4"	847	Less than or equal to 60	Code 1	B	M	6/25/2019	N/A	6/25/2019	1	1	0.1098	0.1098
1912527	92262	DB	UC	2"	860	Less than or equal to 60	Code 1	B	M	6/26/2019	N/A	6/26/2019	1	1	0.1098	0.1098
1912531	90002-2954	DB	P	1/2" CTS	448	Less than or equal to 60	Code 1	B	M	6/26/2019	N/A	6/26/2019	1	1	0.1098	0.1098
1912550	92407	DB	P	1/2" CTS	454	Less than or equal to 60	Code 1	B	M	6/26/2019	N/A	6/26/2019	1	1	0.1098	0.1098
1912581	91746	DB	UC	3/4"	781	Less than or equal to 60	Code 1	B	M	6/26/2019	N/A	6/26/2019	1	1	0.1098	0.1098
1912604	91505-3724	DB	UC	3/4"		Less than or equal to 60	Code 1	B	M	6/26/2019	N/A	6/26/2019	1	1	0.1098	0.1098
1912680	91401-4545	DB	UC	3/4"	806	Less than or equal to 60	Code 1	B	M	6/27/2019	N/A	6/27/2019	1	1	0.1098	0.1098
1912761	91387	P	1"		Less than or equal to 60	Code 1	B	M	6/28/2019	N/A	6/28/2019	1	1	0.1098	0.1098	
1912772	90732-3960	DB	PC	3/4"	707	Less than or equal to 60	Code 1	B	M	6/28/2019	N/A	6/28/2019	1	1	0.1098	0.1098
1912795	91237	DB	UC	3/4"	781	Less than or equal to 60	Code 1	B	M	6/28/2019	N/A	6/28/2019	1	1	0.1098	0.1098
1912796	91810	DB	PC	3/4"	544	Less than or equal to 60	Code 1	B	M	6/28/2019	N/A	6/28/2019	1	1	0.1098	0.1098
1912831	91789-4209	MB	P	2"	443	Less than or equal to 60	Code 1	B	M	7/1/2019	N/A	7/1/2019	1	1	0.1098	0.1098
1912831	92201	DB	Unknown	3/4"	349	Less than or equal to 60	Code 1	B	M	7/1/2019	N/A	7/1/2019	1	1	0.1098	0.1098
1912861	90006-1328	DB	UB	2"	915	Less than or equal to 60	Code 1	B	M	7/1/2019	N/A	7/1/2019	1	1	0.1098	0.1098
1912888	90405-2411	DB	P	1/2" IPS	371	Less than or equal to 60	Code 1	B	M	7/1/2019	N/A	7/1/2019	1	1	0.1098	0.1098
1912902	91373	MB	UC	4"	1089	Less than or equal to 60	Code 1	B	M	7/1/2019	N/A	7/1/2019	1	1	0.1098	0.1098
1912911	91833-2817	DB	UC	3/4"	646	Less than or equal to 60	Code 1	B	M	7/1/2019	N/A	7/1/2019	1	1	0.1098	0.1098
1912939	90004	MB	P	2"	433	Less than or equal to 60	Code 1	B	M	7/2/2019	N/A	7/2/2019	1	1	0.1098	0.1098
1912960	90011-5104	DB	UC	1"	787	Less than or equal to 60	Code 1	B	M	7/2/2019	N/A	7/2/2019	1	1	0.1098	0.1098
1912976	91325	DB	PC	3/4"	543	Less than or equal to 60	Code 1	B	M	7/2/2019	N/A	7/2/2019	1	1	0.1098	0.1098
1912995	90072	DB	P	1"	11	Less than or equal to 60	Code 1	B	M	7/2/2019	N/A	7/2/2019	1	1	0.1098	0.1098
1913008	90017-4408	DB	UC	3/4"		Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913011	91364-5025	DB	UC	3/4"	779	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913039	91035-2509	DB	P	1/2" CTS	503	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913046	91732	DB	P	1/2" CTS	673	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913074	90040	MB	P	2"	446	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913075	90004-1404	DB	PC	3/4"	686	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913075	91001	MB	UB	4"	783	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913086	92373-6008	MB	UB	4"	1089	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913097	91207	DB	UC	3/4"		Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913129	91423	MB	P	2"	837	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913132	92374	MB	UC	2"	824	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913131	90630-4818	DB	PC	3/4"	678	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913138	91354-35021	DB	UC	3/4"	641	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913147	91205-3413	DB	P	1/2" CTS	437	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913161	91364	DB	UC	3/4"	712	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913230	91764	MB	P	1"	321	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098	0.1098
1913280	91020-1706	MB	UC	3/4"	1153	Less than or equal to 60	Code 1	B	M	7/9/2019	N/A	7/9/2019	1	1	0.1098</	

1915249	913754	DB	P	1/2" IPS	460	Less than or equal to 60	Code 1	B	M	8/1/2019	N/A	8/1/2019	1	1	0.1098	0.1098
1915255	91243	DB	P	1/2" CTS	437	Less than or equal to 60	Code 1	B	M	8/1/2019	N/A	8/1/2019	1	1	0.1098	0.1098
1915269	91277	DB	P	1/2" IPS	544	Less than or equal to 60	Code 1	B	M	8/1/2019	N/A	8/1/2019	1	1	0.1098	0.1098
1915297	91335-7616	MB	P	1"	512	Less than or equal to 60	Code 1	B	M	8/2/2019	N/A	8/2/2019	1	1	0.1098	0.1098
1915344	91004-9025	DB	UC	3/4"	809	Less than or equal to 60	Code 1	B	M	8/2/2019	N/A	8/2/2019	1	1	0.1098	0.1098
1915359	91235-3384	DB	Unknown	Unknown	875	Less than or equal to 60	Code 1	B	M	8/3/2019	N/A	8/3/2019	1	1	0.1098	0.1098
1915361	91741-2440	DB	UC	3/4"	673	Less than or equal to 60	Code 1	B	M	8/3/2019	N/A	8/3/2019	1	1	0.1098	0.1098
1915379	91711-5314	MB	UB	2"	695	Less than or equal to 60	Code 1	B	M	8/3/2019	N/A	8/3/2019	1	1	0.1098	0.1098
1915458	91407	DB	UC	2"	841	Less than or equal to 60	Code 1	B	M	8/5/2019	N/A	8/5/2019	1	1	0.1098	0.1098
1915452	91018-2613	DB	PC	2"	634	Less than or equal to 60	Code 1	B	M	8/5/2019	N/A	8/5/2019	1	1	0.1098	0.1098
1915456	91022-2417	DB	PC	2"	433	Less than or equal to 60	Code 1	B	M	8/5/2019	N/A	8/5/2019	1	1	0.1098	0.1098
1915531	91260-2786	DB	P	1/2" CTS	404	Less than or equal to 60	Code 1	B	M	8/6/2019	N/A	8/6/2019	1	1	0.1098	0.1098
1915593	91404-6221	DB	UB	3/4"	830	Less than or equal to 60	Code 1	B	M	8/7/2019	N/A	8/7/2019	1	1	0.1098	0.1098
1915650	91618-1837	DB	UC	3/4"	812	Less than or equal to 60	Code 1	B	M	8/7/2019	N/A	8/7/2019	1	1	0.1098	0.1098
1915653	91812	DB	PC	3/4"	815	Less than or equal to 60	Code 1	B	M	8/7/2019	N/A	8/7/2019	1	1	0.1098	0.1098
1915704	91053-6004	DB	P	1/2" CTS	448	Less than or equal to 60	Code 1	B	M	8/8/2019	N/A	8/8/2019	1	1	0.1098	0.1098
1915746	91790	MB	UB	4"	611	Less than or equal to 60	Code 1	B	M	8/9/2019	N/A	8/9/2019	1	1	0.1098	0.1098
1915813	91040	DB	P	1/2" CTS	345	Less than or equal to 60	Code 1	B	M	8/9/2019	N/A	8/9/2019	1	1	0.1098	0.1098
1915841	91066-5114	DB	PC	3/4"	831	Less than or equal to 60	Code 1	B	M	8/10/2019	N/A	8/10/2019	1	1	0.1098	0.1098
1915851	91304	DB	P	1/2" IPS	791	Less than or equal to 60	Code 1	B	M	8/12/2019	N/A	8/12/2019	1	1	0.1098	0.1098
1915888	91543-5959	MB	UB	3"	837	Less than or equal to 60	Code 1	B	M	8/12/2019	N/A	8/12/2019	1	1	0.1098	0.1098
1915993	91282-5600	DB	P	1/2" IPS	513	Less than or equal to 60	Code 1	B	M	8/12/2019	N/A	8/12/2019	1	1	0.1098	0.1098
1915994	91403-3343	MB	UB	3"	1085	Less than or equal to 60	Code 1	B	M	8/12/2019	N/A	8/12/2019	1	1	0.1098	0.1098
1916027	91037-3121	DB	PC	3/4"	604	Less than or equal to 60	Code 1	B	M	8/13/2019	N/A	8/13/2019	1	1	0.1098	0.1098
1916071	91074	DB	P	1/2" CTS	376	Less than or equal to 60	Code 1	B	M	8/13/2019	N/A	8/13/2019	1	1	0.1098	0.1098
1916075	91063-1117	DB	P	1"	417	Less than or equal to 60	Code 1	B	M	8/13/2019	N/A	8/13/2019	1	1	0.1098	0.1098
1916078	91078	DB	UC	3/4"	433	Less than or equal to 60	Code 1	B	M	8/14/2019	N/A	8/14/2019	1	1	0.1098	0.1098
1916081	91630-7272	DB	P	1/2" IPS	406	Less than or equal to 60	Code 1	B	M	8/14/2019	N/A	8/14/2019	1	1	0.1098	0.1098
1916105	91046-1307	DB	UC	3/4"	743	Less than or equal to 60	Code 1	B	M	8/14/2019	N/A	8/14/2019	1	1	0.1098	0.1098
1916297	91377	DB	P	1/2" CTS	472	Less than or equal to 60	Code 1	B	M	8/15/2019	N/A	8/15/2019	1	1	0.1098	0.1098
1916311	91040	MB	UC	2"	941	Less than or equal to 60	Code 1	B	M	8/16/2019	N/A	8/16/2019	1	1	0.1098	0.1098
1916444	91004	DB	UC	3/4"	809	Less than or equal to 60	Code 1	B	M	8/19/2019	N/A	8/19/2019	1	1	0.1098	0.1098
1916531	91160-4511	DB	PC	3/4"	720	Less than or equal to 60	Code 1	B	M	8/19/2019	N/A	8/19/2019	1	1	0.1098	0.1098
1916544	91208	DB	P	1/2" IPS	511	Less than or equal to 60	Code 1	B	M	8/19/2019	N/A	8/19/2019	1	1	0.1098	0.1098
1916596	91107-4874	MB	UB	4"	611	Less than or equal to 60	Code 1	B	M	8/20/2019	N/A	8/20/2019	1	1	0.1098	0.1098
1916660	91130	MB	PC	1"	480	Less than or equal to 60	Code 1	B	M	8/20/2019	N/A	8/20/2019	1	1	0.1098	0.1098
1916661	91047	DB	P	1/2" CTS	482	Less than or equal to 60	Code 1	B	M	8/20/2019	N/A	8/20/2019	1	1	0.1098	0.1098
1916844	91020-2248	DB	P	1/2" IPS	407	Less than or equal to 60	Code 1	B	M	8/22/2019	N/A	8/22/2019	1	1	0.1098	0.1098
1916879	91204	MB	PC	3"	817	Less than or equal to 60	Code 1	B	M	8/23/2019	N/A	8/23/2019	1	1	0.1098	0.1098
1916961	91730-4310	DB	PC	1 1/4"	709	Less than or equal to 60	Code 1	B	M	8/23/2019	N/A	8/23/2019	1	1	0.1098	0.1098
1916992	91677-7020	DB	P	1/2" CTS	487	Less than or equal to 60	Code 1	B	M	8/24/2019	N/A	8/24/2019	1	1	0.1098	0.1098
1916993	91402-1212	DB	UC	3/4"	875	Less than or equal to 60	Code 1	B	M	8/24/2019	N/A	8/24/2019	1	1	0.1098	0.1098
1916994	91032-1612	DB	P	1/2" CTS	445	Less than or equal to 60	Code 1	B	M	8/24/2019	N/A	8/24/2019	1	1	0.1098	0.1098
1916995	91504-2222	DB	UC	3/4"	810	Less than or equal to 60	Code 1	B	M	8/24/2019	N/A	8/24/2019	1	1	0.1098	0.1098
1916996	91026-4733	DB	PC	1"	Less than or equal to 60	Code 1	B	M	8/24/2019	N/A	8/24/2019	1	1	0.1098	0.1098	
1917105	91205	DB	UC	3/4"	776	Less than or equal to 60	Code 1	B	M	8/26/2019	N/A	8/26/2019	1	1	0.1098	0.1098
1917109	91210-2601	DB	UC	3/4"	783	Less than or equal to 60	Code 1	B	M	8/26/2019	N/A	8/26/2019	1	1	0.1098	0.1098
1917204	91268	MB	PC	2"	776	Less than or equal to 60	Code 1	B	M	8/27/2019	N/A	8/27/2019	1	1	0.1098	0.1098
1917221	91220-3810	DB	UC	3/4"	734	Less than or equal to 60	Code 1	B	M	8/27/2019	N/A	8/27/2019	1	1	0.1098	0.1098
1917221	91011-5414	DB	P	1"	482	Less than or equal to 60	Code 1	B	M	8/27/2019	N/A	8/27/2019	1	1	0.1098	0.1098
1917313	91615-2289	DB	PC	3/4"	789	Less than or equal to 60	Code 1	B	M	8/29/2019	N/A	8/29/2019	1	1	0.1098	0.1098
1917394	91262	DB	UC	3/4"	843	Less than or equal to 60	Code 1	B	M	8/29/2019	N/A	8/29/2019	1	1	0.1098	0.1098
1917401	91215	DB	P	2"	518	Less than or equal to 60	Code 1	B	M	8/29/2019	N/A	8/29/2019	1	1	0.1098	0.1098
1917427	91501-2518	DB	UC	3/4"	805	Less than or equal to 60	Code 1	B	M	8/29/2019	N/A	8/29/2019	1	1	0.1098	0.1098
1917431	91032	DB	UC	3/4"	691	Less than or equal to 60	Code 1	B	M	8/29/2019	N/A	8/29/2019	1	1	0.1098	0.1098
1917442	91142-4621	DB	UC	3/4"	856	Less than or equal to 60	Code 1	B	M	8/29/2019	N/A	8/29/2019	1	1	0.1098	0.1098
1917471	91292-2965	DB	PC	3/4"	637	Less than or equal to 60	Code 1	B	M	8/30/2019	N/A	8/30/2019	1	1	0.1098	0.1098
1917541	91838-5919	DB	P	1/2" IPS	577	Less than or equal to 60	Code 1	B	M	8/31/2019	N/A	8/31/2019	1	1	0.1098	0.1098
1917565	91638-4449	DB	UC	3/4"	779	Less than or equal to 60	Code 1	B	M	9/2/2019	N/A	9/2/2019	1	1	0.1098	0.1098
1917569	91075-1406	DB	PC	3/4"	659	Less than or equal to 60	Code 1	B	M	9/3/2019	N/A	9/3/2019	1	1	0.1098	0.1098
1917613	91710-2851	DB	P	1/2" IPS	525	Less than or equal to 60	Code 1	B	M	9/3/2019	N/A	9/3/2019	1	1	0.1098	0.1098
1917628	91140	DB	UC	3/4"	Less than or equal to 60	Code 1	B	M	9/3/2019	N/A	9/3/2019	1	1	0.1098	0.1098	
1917630	91352-4168	DB	UC	3/4"	728	Less than or equal to 60	Code 1	B	M	9/3/2019	N/A	9/3/2019	1	1	0.1098	0.1098
1917644	91020-1197	DB	P	1/2" CTS	Less than or equal to 60	Code 1	B	M	9/3/2019	N/A	9/3/2019	1	1	0.1098	0.1098	
1917712	91031-1918	DB	UC	3/4"	751	Less than or equal to 60	Code 1	B	M	9/4/2019	N/A	9/4/2019	1	1	0.1098	0.1098
1917713	91020-3934	DB	UC	1 1/4"	611	Less than or equal to 60	Code 1	B	M	9/4/2019	N/A	9/4/2019	1	1	0.1098	0.1098
1917718	91731-1068	DB	P	1"	Less than or equal to 60	Code 1	B	M	9/4/2019	N/A	9/4/2019	1	1	0.1098	0.1098	
1917795	91032-2623	DB	UC	3/4"	839	Less than or equal to 60	Code 1	B	M	9/5/2019	N/A	9/5/2019	1	1	0.1098	0.1098
1917941	91022-2202	DB	UC	1"	Less than or equal to 60	Code 1	B	M	9/7/2019	N/A	9/7/2019	1	1	0.1098	0.1098	
1917961	91066-5114	DB	UC	3/4"	947	Less than or equal to 60	Code 1	B	M	9/9/2019	N/A	9/9/2019	1	1	0.1098	0.1098
1918041	91308-1728	MB	P	2"	491	Less than or equal to 60	Code 1	B	M	9/9/2019	N/A	9/9/2019	1	1	0.1098	0.1098
1918095	91335-6739	DB	PC	3/4"	720	Less than or equal to 60	Code 1	B	M	9/10/2019	N/A	9/10/2019	1	1	0.1098	0.1098
1918112	91236-4936	DB	UB	4"	787	Less than or equal to 60	Code 1	B	M	9/11/2019	N/A	9/11/2019	1	1	0.1098	0.1098
1918154	91236-4931	MB	UB	2"	743	Less than or equal to 60	Code 1	B	M	9/11/2019	N/A	9/11/2019	1	1	0.1098	0.1098
1918171	91204	DB	UC	3/4"	694	Less than or equal to 60	Code 1	B	M	9/11/2019	N/A	9/11/2019	1	1	0.1098	0.1098
1918211	91011	DB	UC	3/4"	636	Less than or equal to 60	Code 1	B	M	9/11/2019	N/A	9/11/2019	1	1	0.1098	0.1098
1918309	91606-5128	DB	P	1/2" CTS	443	Less than or equal to 60	Code 1	B	M	9/12/2019	N/A	9/12/2019	1	1	0.1098	0.1098
1918319	91305	DB	UC	3/4"	587	Less than or equal to 60	Code 1	B	M	9/13/2019	N/A	9/13/2019	1	1	0.1098	0.1098
1918421	91404	DB	P	1/2" CTS	427	Less than or equal to 60	Code 1	B	M	9/13/2019	N/A	9/13/2019	1	1	0.1098	0.1098
1918475	91710	DB	P	1/2" IPS												

1920284	91206-1917	DB	P	1/2" CTS	467	Less than or equal to 60	Code 1	B	M	10/8/2019	N/A	10/8/2019	1	1	0.1098	0.1098
1920291	91325-1916	DB	UC	3/4"	665	Less than or equal to 60	Code 1	B	M	10/9/2019	N/A	10/9/2019	1	1	0.1098	0.1098
1920301	91303	DB	B	3/4"	617	Less than or equal to 60	Code 1	B	M	10/9/2019	N/A	10/9/2019	1	1	0.1098	0.1098
1920352	91349	DB	UB	3/4"	575	Less than or equal to 60	Code 1	B	M	10/9/2019	N/A	10/9/2019	1	1	0.1098	0.1098
1920497	91805	MB	P	2"	420	Less than or equal to 60	Code 1	B	M	10/11/2019	N/A	10/11/2019	1	1	0.1098	0.1098
1920529	91446	MB	P	2"	296	Less than or equal to 60	Code 1	B	M	10/11/2019	N/A	10/11/2019	1	1	0.1098	0.1098
1920554	92577	MB	P	2"	474	Less than or equal to 60	Code 1	B	M	10/11/2019	N/A	10/11/2019	1	1	0.1098	0.1098
1920698	92235-2020	DB	PC	3/4"	694	Less than or equal to 60	Code 1	B	M	10/12/2019	N/A	10/12/2019	1	1	0.1098	0.1098
1920674	92021-2825	DB	UC	3/4"	641	Less than or equal to 60	Code 1	B	M	10/14/2019	N/A	10/14/2019	1	1	0.1098	0.1098
1920676	93215	MB	P	2"	854	Less than or equal to 60	Code 1	B	M	10/14/2019	N/A	10/14/2019	1	1	0.1098	0.1098
1920695	91206	DB	UC	3/4"	493	Less than or equal to 60	Code 1	B	M	10/15/2019	N/A	10/15/2019	1	1	0.1098	0.1098
1920696	92027	DB	PC	3/4"	713	Less than or equal to 60	Code 1	B	M	10/15/2019	N/A	10/15/2019	1	1	0.1098	0.1098
1920800	91340	MB	UB	2"	778	Less than or equal to 60	Code 1	B	M	10/16/2019	N/A	10/16/2019	1	1	0.1098	0.1098
1920904	92227-3246	DB	P	1"	40	Less than or equal to 60	Code 1	B	M	10/17/2019	N/A	10/17/2019	1	1	0.1098	0.1098
1920996	91401-6213	DB	P	1/2" IPS	13	Less than or equal to 60	Code 1	B	M	10/17/2019	N/A	10/17/2019	1	1	0.1098	0.1098
1921005	91320-4528	DB	UC	3/4"	556	Less than or equal to 60	Code 1	B	M	10/17/2019	N/A	10/17/2019	1	1	0.1098	0.1098
1921044	91033-7560	DB	P	1"	371	Less than or equal to 60	Code 1	B	M	10/18/2019	N/A	10/18/2019	1	1	0.1098	0.1098
1921102	90039-2324	DB	P	1/2" IPS	36	Less than or equal to 60	Code 1	B	M	10/19/2019	N/A	10/19/2019	1	1	0.1098	0.1098
1921120	91101-3128	DB	P	1/2" CTS	524	Less than or equal to 60	Code 1	B	M	10/20/2019	N/A	10/20/2019	1	1	0.1098	0.1098
1921121	91011-2814	DB	UC	3/4"	647	Less than or equal to 60	Code 1	B	M	10/21/2019	N/A	10/21/2019	1	1	0.1098	0.1098
1921157	92373-6654	MB	UC	3"	1061	Less than or equal to 60	Code 1	B	M	10/21/2019	N/A	10/21/2019	1	1	0.1098	0.1098
1921229	92335	MB	UC	2"	1061	Less than or equal to 60	Code 1	B	M	10/22/2019	N/A	10/22/2019	1	1	0.1098	0.1098
1921231	91631	DB	P	1/2" IPS	317	Less than or equal to 60	Code 1	B	M	10/22/2019	N/A	10/22/2019	1	1	0.1098	0.1098
1921248	91750	MB	UB	2"	975	Less than or equal to 60	Code 1	B	M	10/22/2019	N/A	10/22/2019	1	1	0.1098	0.1098
1921386	91030	DB	PC	1 1/4"	669	Less than or equal to 60	Code 1	B	M	10/23/2019	N/A	10/23/2019	1	1	0.1098	0.1098
1921400	90011	MB	UC	2"	633	Less than or equal to 60	Code 1	B	M	10/23/2019	N/A	10/23/2019	1	1	0.1098	0.1098
1921441	91446	DB	PC	3/4"	596	Less than or equal to 60	Code 1	B	M	10/24/2019	N/A	10/24/2019	1	1	0.1098	0.1098
1921473	93561	DB	UC	3/4"	666	Less than or equal to 60	Code 1	B	M	10/24/2019	N/A	10/24/2019	1	1	0.1098	0.1098
1921508	90024	DB	P	1"	Less than or equal to 60	Code 1	B	M	10/25/2019	N/A	10/25/2019	1	1	0.1098	0.1098	
1921521	92234	DB	P	1/2" IPS	518	Less than or equal to 60	Code 1	B	M	10/25/2019	N/A	10/25/2019	1	1	0.1098	0.1098
1921529	92488	DB	PC	3/4"	787	Less than or equal to 60	Code 1	B	M	10/25/2019	N/A	10/25/2019	1	1	0.1098	0.1098
1921534	91274	DB	B	3/4"	779	Less than or equal to 60	Code 1	B	M	10/25/2019	N/A	10/25/2019	1	1	0.1098	0.1098
1921582	92570	MB	UB	2"	683	Less than or equal to 60	Code 1	B	M	10/25/2019	N/A	10/25/2019	1	1	0.1098	0.1098
1921611	91705	DB	UC	1"	820	Less than or equal to 60	Code 1	B	M	10/26/2019	N/A	10/26/2019	1	1	0.1098	0.1098
1921695	90033	DB	PC	3/8"	626	Less than or equal to 60	Code 1	B	M	10/26/2019	N/A	10/26/2019	1	1	0.1098	0.1098
1921826	90063	DB	UC	3/4"	654	Less than or equal to 60	Code 1	B	M	10/30/2019	N/A	10/30/2019	1	1	0.1098	0.1098
1921964	91730	DB	UC	3/4"	584	Less than or equal to 60	Code 1	B	M	10/31/2019	N/A	10/31/2019	1	1	0.1098	0.1098
1921975	91021	DB	P	1/2" IPS	512	Less than or equal to 60	Code 1	B	M	10/31/2019	N/A	10/31/2019	1	1	0.1098	0.1098
1921984	92260	DB	PC	3/4"	658	Less than or equal to 60	Code 1	B	M	10/31/2019	N/A	10/31/2019	1	1	0.1098	0.1098
1921989	91314	DB	PC	3/4"	706	Less than or equal to 60	Code 1	B	M	11/1/2019	N/A	11/1/2019	1	1	0.1098	0.1098
1922041	91803	DB	P	1/2" IPS	715	Less than or equal to 60	Code 1	B	M	11/2/2019	N/A	11/2/2019	1	1	0.1098	0.1098
1922045	91207	MB	PC	4"	Less than or equal to 60	Code 1	B	M	11/2/2019	N/A	11/2/2019	1	1	0.1098	0.1098	
1922135	91776	DB	UC	3/4"	398	Less than or equal to 60	Code 1	B	M	11/5/2019	N/A	11/5/2019	1	1	0.1098	0.1098
1922136	90706	DB	P	1/2" CTS	387	Less than or equal to 60	Code 1	B	M	11/5/2019	N/A	11/5/2019	1	1	0.1098	0.1098
1922166	91302	MB	UC	2"	805	Less than or equal to 60	Code 1	B	M	11/5/2019	N/A	11/5/2019	1	1	0.1098	0.1098
1922207	90027	MB	UC	2"	853	Less than or equal to 60	Code 1	B	M	11/5/2019	N/A	11/5/2019	1	1	0.1098	0.1098
1922251	90030	DB	P	1/2" CTS	Less than or equal to 60	Code 1	B	M	11/6/2019	N/A	11/6/2019	1	1	0.1098	0.1098	
1922280	92501	DB	P	1/2" CTS	Less than or equal to 60	Code 1	B	M	11/6/2019	N/A	11/6/2019	1	1	0.1098	0.1098	
1922281	90246	DB	P	1/2" CTS	431	Less than or equal to 60	Code 1	B	M	11/6/2019	N/A	11/6/2019	1	1	0.1098	0.1098
1922421	91681	DB	B	3/4"	786	Less than or equal to 60	Code 1	B	M	11/8/2019	N/A	11/8/2019	1	1	0.1098	0.1098
1922441	91108	DB	P	1/2" CTS	398	Less than or equal to 60	Code 1	B	M	11/8/2019	N/A	11/8/2019	1	1	0.1098	0.1098
1922452	91016	DB	P	1/2" CTS	398	Less than or equal to 60	Code 1	B	M	11/8/2019	N/A	11/8/2019	1	1	0.1098	0.1098
1922461	92162	DB	UC	3/4"	544	Less than or equal to 60	Code 1	B	M	11/9/2019	N/A	11/9/2019	1	1	0.1098	0.1098
1922499	91036	DB	P	1/2" CTS	439	Less than or equal to 60	Code 1	B	M	11/11/2019	N/A	11/11/2019	1	1	0.1098	0.1098
1922506	91001	DB	B	1"	698	Less than or equal to 60	Code 1	B	M	11/11/2019	N/A	11/11/2019	1	1	0.1098	0.1098
1922561	91446	DB	UC	3/4"	746	Less than or equal to 60	Code 1	B	M	11/12/2019	N/A	11/12/2019	1	1	0.1098	0.1098
1922584	91316	DB	P	1"	388	Less than or equal to 60	Code 1	B	M	11/12/2019	N/A	11/12/2019	1	1	0.1098	0.1098
1922906	91320	DB	P	1/2" CTS	434	Less than or equal to 60	Code 1	B	M	11/12/2019	N/A	11/12/2019	1	1	0.1098	0.1098
1922925	90016	MB	B	3"	415	Less than or equal to 60	Code 1	B	M	11/13/2019	N/A	11/13/2019	1	1	0.1098	0.1098
1922658	91711	DB	P	1/2" CTS	174	Less than or equal to 60	Code 1	B	M	11/13/2019	N/A	11/13/2019	1	1	0.1098	0.1098
1922696	90230	MB	UB	2"	839	Less than or equal to 60	Code 1	B	M	11/14/2019	N/A	11/14/2019	1	1	0.1098	0.1098
1922671	90540	MB	P	2"	432	Less than or equal to 60	Code 1	B	M	11/14/2019	N/A	11/14/2019	1	1	0.1098	0.1098
1922677	92547	MB	UC	4"	1042	Less than or equal to 60	Code 1	B	M	11/14/2019	N/A	11/14/2019	1	1	0.1098	0.1098
1922702	92705	DB	UC	3/4"	658	Less than or equal to 60	Code 1	B	M	11/14/2019	N/A	11/14/2019	1	1	0.1098	0.1098
1922721	92182	DB	P	1/2" CTS	441	Less than or equal to 60	Code 1	B	M	11/14/2019	N/A	11/14/2019	1	1	0.1098	0.1098
1922744	90033	MB	P	2"	346	Less than or equal to 60	Code 1	B	M	11/14/2019	N/A	11/14/2019	1	1	0.1098	0.1098
1922765	91364	MB	UC	3/4"	Less than or equal to 60	Code 1	B	M	11/15/2019	N/A	11/15/2019	1	1	0.1098	0.1098	
1922779	92679	DB	UC	1"	Less than or equal to 60	Code 1	B	M	11/15/2019	N/A	11/15/2019	1	1	0.1098	0.1098	
1922792	91506	MB	UC	3/4"	1129	Less than or equal to 60	Code 1	B	M	11/15/2019	N/A	11/15/2019	1	1	0.1098	0.1098
1922801	90504	DB	B	3/4"	612	Less than or equal to 60	Code 1	B	M	11/15/2019	N/A	11/15/2019	1	1	0.1098	0.1098
1922805	90019	DB	P	1/2" IPS	521	Less than or equal to 60	Code 1	B	M	11/15/2019	N/A	11/15/2019	1	1	0.1098	0.1098
1922836	91535	DB	UC	1 1/4"	769	Less than or equal to 60	Code 1	B	M	11/16/2019	N/A	11/16/2019	1	1	0.1098	0.1098
1922871	91710	DB	UB	3/4"	804	Less than or equal to 60	Code 1	B	M	11/18/2019	N/A	11/18/2019	1	1	0.1098	0.1098
1922877	91504	MB	UB	2"	767	Less than or equal to 60	Code 1	B	M	11/18/2019	N/A	11/18/2019	1	1	0.1098	0.1098
1922910	92707	MB	P	2"	384	Less than or equal to 60	Code 1	B	M	11/18/2019	N/A	11/18/2019	1	1	0.1098	0.1098
1922923	91307	MB	P	3"	384	Less than or equal to 60	Code 1	B	M	11/18/2019	N/A	11/18/2019	1	1	0.1098	0.1098
1922931	90044	MB	UC	3/4"	773	Less than or equal to 60	Code 1	B	M	11/18/2019	N/A	11/18/2019	1	1	0.1098	0.1098
1922939	90305	DB	UC	3/4"	612	Less than or equal to 60	Code 1	B	M	11/18/2019	N/A	11/18/2019	1	1	0.1098	0.1098
1922940	90029	MB	UB	3"	938	Less than or equal to 60	Code 1	B	M	11/19/2019	N/A	11/19/2019	1	1	0.1098	0.1098
1923031	92592	DB	UC	3/4"	771	Less than or equal to 60	Code 1	B	M	11/20/2019</						

1923952	90746	DB	UC	3/4"	Less than or equal to 60	Code 1	B	M	12/9/2019	N/A	12/9/2019	1	1	0.1098	0.1098
1923958	90211	DB	PC	3/4"	752 Less than or equal to 60	Code 1	B	M	12/9/2019	N/A	12/9/2019	1	1	0.1098	0.1098
1923960	90731	DB	B	1"	Less than or equal to 60	Code 1	B	M	12/9/2019	N/A	12/9/2019	1	1	0.1098	0.1098
1923965	90034	DB	UC	3/4"	Less than or equal to 60	Code 1	B	M	12/9/2019	N/A	12/9/2019	1	1	0.1098	0.1098
1923976	91206	MB	UB	2"	779 Less than or equal to 60	Code 1	B	M	12/9/2019	N/A	12/9/2019	1	1	0.1098	0.1098
1924000	91103	DB	UC	3/4"	751 Less than or equal to 60	Code 1	B	M	12/10/2019	N/A	12/10/2019	1	1	0.1098	0.1098
1924001	90272	DB	B	3/4"	875 Less than or equal to 60	Code 1	B	M	12/10/2019	N/A	12/10/2019	1	1	0.1098	0.1098
1924008	92548	DB	P	1/2" CTS	487 Less than or equal to 60	Code 1	B	M	12/10/2019	N/A	12/10/2019	1	1	0.1098	0.1098
1924020	91706	DB	UC	3/4"	749 Less than or equal to 60	Code 1	B	M	12/10/2019	N/A	12/10/2019	1	1	0.1098	0.1098
1924030	90240	DB	P	1/2" IPS	375 Less than or equal to 60	Code 1	B	M	12/10/2019	N/A	12/10/2019	1	1	0.1098	0.1098
1924060	93442	DB	UC	3/4"	779 Less than or equal to 60	Code 1	B	M	12/10/2019	N/A	12/10/2019	1	1	0.1098	0.1098
1924095	90028	MB	P	2"	493 Less than or equal to 60	Code 1	B	M	12/11/2019	N/A	12/11/2019	1	1	0.1098	0.1098
1924138	91801	DB	PC	3/4"	819 Less than or equal to 60	Code 1	B	M	12/11/2019	N/A	12/11/2019	1	1	0.1098	0.1098
1924146	91731	MB	UB	2"	851 Less than or equal to 60	Code 1	B	M	12/11/2019	N/A	12/11/2019	1	1	0.1098	0.1098
1924159	91776	MB	P	3"	535 Less than or equal to 60	Code 1	B	M	12/12/2019	N/A	12/12/2019	1	1	0.1098	0.1098
1924160	91710	MB	UC	2"	866 Less than or equal to 60	Code 1	B	M	12/12/2019	N/A	12/12/2019	1	1	0.1098	0.1098
1924182	92370	MB	P	2"	444 Less than or equal to 60	Code 1	B	M	12/12/2019	N/A	12/12/2019	1	1	0.1098	0.1098
1924182	91773	MB	PC	2"	Less than or equal to 60	Code 1	B	M	12/12/2019	N/A	12/12/2019	1	1	0.1098	0.1098
1924226	90022	MB	UB	2"	714 Less than or equal to 60	Code 1	B	M	12/12/2019	N/A	12/12/2019	1	1	0.1098	0.1098
1924232	90244	MB	PC	2"	286 Less than or equal to 60	Code 1	B	M	12/12/2019	N/A	12/12/2019	1	1	0.1098	0.1098
1924232	90232	DB	UC	3/4"	836 Less than or equal to 60	Code 1	B	M	12/12/2019	N/A	12/12/2019	1	1	0.1098	0.1098
1924268	90011	MB	P	2"	378 Less than or equal to 60	Code 1	B	M	12/13/2019	N/A	12/13/2019	1	1	0.1098	0.1098
1924268	92879	DB	PC	3/4"	822 Less than or equal to 60	Code 1	B	M	12/13/2019	N/A	12/13/2019	1	1	0.1098	0.1098
1924297	90039	MB	UB	4"	808 Less than or equal to 60	Code 1	B	M	12/14/2019	N/A	12/14/2019	1	1	0.1098	0.1098
1924328	91001	MB	UC	2"	935 Less than or equal to 60	Code 1	B	M	12/14/2019	N/A	12/14/2019	1	1	0.1098	0.1098
1924329	91262	DB	P	1/2" CTS	660 Less than or equal to 60	Code 1	B	M	12/14/2019	N/A	12/14/2019	1	1	0.1098	0.1098
1924337	90731	DB	P	1/2" CTS	415 Less than or equal to 60	Code 1	B	M	12/14/2019	N/A	12/14/2019	1	1	0.1098	0.1098
1924338	91775	DB	PC	3/4"	586 Less than or equal to 60	Code 1	B	M	12/14/2019	N/A	12/14/2019	1	1	0.1098	0.1098
1924339	91060	DB	B	1/4"	781 Less than or equal to 60	Code 1	B	M	12/14/2019	N/A	12/14/2019	1	1	0.1098	0.1098
1924354	91784	DB	P	1/2" IPS	510 Less than or equal to 60	Code 1	B	M	12/15/2019	N/A	12/15/2019	1	1	0.1098	0.1098
1924359	90030	DB	UC	3/4"	738 Less than or equal to 60	Code 1	B	M	12/12/2019	N/A	12/12/2019	1	1	0.1098	0.1098
1924364	91030	DB	P	1/2" IPS	388 Less than or equal to 60	Code 1	B	M	12/16/2019	N/A	12/16/2019	1	1	0.1098	0.1098
1924368	91505	MB	P	2"	554 Less than or equal to 60	Code 1	B	M	12/16/2019	N/A	12/16/2019	1	1	0.1098	0.1098
1924375	93551	DB	UC	3/4"	558 Less than or equal to 60	Code 1	B	M	12/16/2019	N/A	12/16/2019	1	1	0.1098	0.1098
1924377	91405	MB	P	2"	463 Less than or equal to 60	Code 1	B	M	12/16/2019	N/A	12/16/2019	1	1	0.1098	0.1098
1924422	90011	MB	UC	3"	Less than or equal to 60	Code 1	B	M	12/16/2019	N/A	12/16/2019	1	1	0.1098	0.1098
1924455	92627	DB	UC	3/4"	Less than or equal to 60	Code 1	B	M	12/17/2019	N/A	12/17/2019	1	1	0.1098	0.1098
1924477	91550	DB	P	1/2"	867 Less than or equal to 60	Code 1	B	M	12/17/2019	N/A	12/17/2019	1	1	0.1098	0.1098
1924478	90066	DB	UC	3/4"	831 Less than or equal to 60	Code 1	B	M	12/17/2019	N/A	12/17/2019	1	1	0.1098	0.1098
1924489	90032	DB	UC	3/4"	Less than or equal to 60	Code 1	B	M	12/17/2019	N/A	12/17/2019	1	1	0.1098	0.1098
1924551	91053	DB	P	1/2" IPS	Less than or equal to 60	Code 1	B	M	12/18/2019	N/A	12/18/2019	1	1	0.1098	0.1098
1924556	91316	DB	UC	3/4"	443 Less than or equal to 60	Code 1	B	M	12/18/2019	N/A	12/18/2019	1	1	0.1098	0.1098
1924598	92270	DB	PC	3/4"	Less than or equal to 60	Code 1	B	M	12/19/2019	N/A	12/19/2019	1	1	0.1098	0.1098
1924600	91527	DB	P	1/2" CTS	272 Less than or equal to 60	Code 1	B	M	12/19/2019	N/A	12/19/2019	1	1	0.1098	0.1098
1924719	91711	DB	P	1/2" IPS	594 Less than or equal to 60	Code 1	B	M	12/20/2019	N/A	12/20/2019	1	1	0.1098	0.1098
1924722	92705	MB	P	2"	408 Less than or equal to 60	Code 1	B	M	12/21/2019	N/A	12/21/2019	1	1	0.1098	0.1098
1924723	91020	DB	PC	3/4"	517 Less than or equal to 60	Code 1	B	M	12/21/2019	N/A	12/21/2019	1	1	0.1098	0.1098
1924757	92705	DB	PC	3/4"	819 Less than or equal to 60	Code 1	B	M	12/23/2019	N/A	12/23/2019	1	1	0.1098	0.1098
1924772	92562	DB	UC	3/4"	817 Less than or equal to 60	Code 1	B	M	12/23/2019	N/A	12/23/2019	1	1	0.1098	0.1098
1924781	90033	DB	UC	3/4"	797 Less than or equal to 60	Code 1	B	M	12/24/2019	N/A	12/24/2019	1	1	0.1098	0.1098
1924783	91754	MB	P	4"	463 Less than or equal to 60	Code 1	B	M	12/25/2019	N/A	12/25/2019	1	1	0.1098	0.1098
1924791	91710	DB	P	1/2" CTS	322 Less than or equal to 60	Code 1	B	M	12/25/2019	N/A	12/25/2019	1	1	0.1098	0.1098
1924802	91740	DB	PC	3/4"	608 Less than or equal to 60	Code 1	B	M	12/26/2019	N/A	12/26/2019	1	1	0.1098	0.1098
1924807	90033	MB	P	2"	360 Less than or equal to 60	Code 1	B	M	12/26/2019	N/A	12/26/2019	1	1	0.1098	0.1098
1924814	90280	DB	P	1/2" CTS	296 Less than or equal to 60	Code 1	B	M	12/26/2019	N/A	12/26/2019	1	1	0.1098	0.1098
1924831	90740	DB	UC	1/4"	618 Less than or equal to 60	Code 1	B	M	12/26/2019	N/A	12/26/2019	1	1	0.1098	0.1098
1924836	92887	DB	UC	3/4"	729 Less than or equal to 60	Code 1	B	M	12/26/2019	N/A	12/26/2019	1	1	0.1098	0.1098
1924837	92710	DB	PC	3/4"	705 Less than or equal to 60	Code 1	B	M	12/26/2019	N/A	12/26/2019	1	1	0.1098	0.1098
1924841	92701	MB	P	1"	408 Less than or equal to 60	Code 1	B	M	12/27/2019	N/A	12/27/2019	1	1	0.1098	0.1098
1924848	90503	DB	UC	3/4"	277 Less than or equal to 60	Code 1	B	M	12/27/2019	N/A	12/27/2019	1	1	0.1098	0.1098
1924859	90620	DB	P	1"	451 Less than or equal to 60	Code 1	B	M	12/27/2019	N/A	12/27/2019	1	1	0.1098	0.1098
1924891	92547	MB	P	2"	473 Less than or equal to 60	Code 1	B	M	12/28/2019	N/A	12/28/2019	1	1	0.1098	0.1098
1924907	92844	MB	P	3"	851 Less than or equal to 60	Code 1	B	M	12/28/2019	N/A	12/28/2019	1	1	0.1098	0.1098
1924914	93446	MB	P	2"	477 Less than or equal to 60	Code 1	B	M	12/28/2019	N/A	12/28/2019	1	1	0.1098	0.1098
1924915	92886	DB	P	1/2" IPS	513 Less than or equal to 60	Code 1	B	M	12/28/2019	N/A	12/28/2019	1	1	0.1098	0.1098
1924931	90405-1526	MB	UC	2"	1151 Less than or equal to 60	Code 1	B	M	12/29/2019	N/A	12/29/2019	1	1	0.1098	0.1098
1924942	93001	MB	P	2"	369 Less than or equal to 60	Code 1	B	M	12/30/2019	N/A	12/30/2019	1	1	0.1098	0.1098
1924955	91304	MB	P	2"	398 Less than or equal to 60	Code 1	B	M	12/30/2019	N/A	12/30/2019	1	1	0.1098	0.1098
1924966	92673	MB	PC	2"	1035 Less than or equal to 60	Code 1	B	M	12/30/2019	N/A	12/30/2019	1	1	0.1098	0.1098
1925004	90502	DB	UC	3/4"	633 Less than or equal to 60	Code 1	B	M	12/30/2019	N/A	12/30/2019	1	1	0.1098	0.1098
1925010	91741	DB	UC	1"	Less than or equal to 60	Code 1	B	M	12/30/2019	N/A	12/30/2019	1	1	0.1098	0.1098
1925011	91630	DB	P	1/2" IPS	557 Less than or equal to 60	Code 1	B	M	12/30/2019	N/A	12/30/2019	1	1	0.1098	0.1098
1925021	91246-1897	DB	B	1"	698 Less than or equal to 60	Code 1	B	M	12/31/2019	N/A	12/31/2019	1	1	0.1098	0.1098
1925025	91741	MB	UC	2"	995 Less than or equal to 60	Code 1	B	M	12/31/2019	N/A	12/31/2019	1	1	0.1098	0.1098
1925031	91035	DB	UC	3/4"	789 Less than or equal to 60	Code 1	B	M	12/31/2019	N/A	12/31/2019	1	1	0.1098	0.1098
1925082	92867	DB	P	4"	466 Less than or equal to 60	Code 1	B	M	1/2/2019	N/A	1/2/2019	1	1	0.1098	0.1098
1925013	91506	MB	P	1"	498 Less than or equal to 60	Code 1	B	M	1/3/2019	N/A	1/3/2019	1	1	0.1098	0.1098
1925016	92407	DB	UC	1"	431 Less than or equal to 60	Code 1	B	S	1/3/2019	N/A	1/3/2019	3	1	0.1098	0.2324
1925011	91373	DB	UC	3/4"	685 Less than or equal to 60	Code 1	B	S	1/3/2019	N/A	1/3/2019	3	1	0.1098	0.2324
1925016	91360	DB	P	1/2" CTS	719 Less than or equal to 60	Code 1	B	S	1/3/2019	N/A	1/3/2019	3	1	0.1098	0.2324
1925014	91362	MB	P	2"	324 Less than or equal to 60	Code 1	B	S	1/3/2019	N/A	1/3/2019	3	1	0.1098	0.2324
1925019	91060	DB	PC	3/4"	645 Less than or equal to 60	Code 1	B	S	1/3/2019	N/A	1/3/2019	4	1	0.1098	0.4392
1925025	91768	DB	UB	1"	1089 Less than or equal to 60	Code 1	B	M	1/3/2019	43468	1				

1900786 91766	DB	UB	1 1/4"	0	Less than or equal to 60	Code 1	B	M	1/10/2019	43475	1/10/2019	1	1	0.1098	0.1098
1900796 91801	MB	P	2"	454	Less than or equal to 60	Code 1	B	S	1/11/2019		1/11/2019	11	1	1.0398	1.2078
1900806 91786	DB	UC	3/4"	755	Less than or equal to 60	Code 1	B	S	1/11/2019		1/11/2019	11	1	0.1098	1.2078
1900824 91739	MB	P	2"	170	Less than or equal to 60	Code 1	B	S	1/11/2019		1/11/2019	11	1	0.1098	1.2078
1900844 91001	DB	UB	1 1/4"	1239	Less than or equal to 60	Code 1	B	S	1/11/2019		1/11/2019	11	1	0.1098	1.2078
1900852 90201	DB	UC	3/4"	489	Less than or equal to 60	Code 1	B	S	1/11/2019		1/11/2019	11	1	0.1098	1.2078
1900853 90066	DB	UC	3/4"	843	Less than or equal to 60	Code 1	B	M	1/11/2019		1/11/2019	1	1	0.1098	0.1098
1900862 91234	DB	P	1/2" IPS	422	Less than or equal to 60	Code 1	B	M	1/11/2019		1/11/2019	1	1	0.1098	0.1098
1900931 91405	DB	PC	3/4"	686	Less than or equal to 60	Code 1	B	M	1/14/2019		1/14/2019	1	1	0.1098	0.1098
1900994 91001	DB	UC	1"	0	Less than or equal to 60	Code 1	B	S	1/15/2019		1/15/2019	15	1	0.1098	1.647
1901030 90701	DB	UC	3/4"	779	Less than or equal to 60	Code 1	B	M	1/16/2019		1/16/2019	1	1	0.1098	0.1098
1901051 90066	DB	PC	3/4"	843	Less than or equal to 60	Code 1	B	M	1/16/2019		1/16/2019	1	1	0.1098	0.1098
1901108 912620	DB	P	1"	407	Less than or equal to 60	Code 1	B	M	1/17/2019	43482	1/17/2019	1	1	0.1098	0.1098
1901109 91340	DB	P	1/2" CTS	85	Less than or equal to 60	Code 1	B	M	1/17/2019		1/17/2019	1	1	0.1098	0.1098
1901118 91801	DB	UC	1"	1011	Less than or equal to 60	Code 1	B	S	1/18/2019		1/18/2019	18	1	0.1098	1.9764
1901122 91001	DB	UC	1"	63	Less than or equal to 60	Code 1	B	S	1/18/2019		1/18/2019	18	1	0.1098	1.9764
1901129 91595	DB	P	1/2" IPS	546	Less than or equal to 60	Code 1	B	S	1/18/2019		1/18/2019	18	1	0.1098	1.9764
1901130 912620	DB	P	1/2" CTS	407	Less than or equal to 60	Code 1	B	M	1/18/2019		1/18/2019	1	1	0.1098	0.1098
1901156 91803	MB	UB	4"	0	Less than or equal to 60	Code 1	B	S	1/18/2019		1/18/2019	18	1	0.1098	1.9764
1901158 90703	DB	P	1/2" CTS	613	Less than or equal to 60	Code 1	B	S	1/18/2019		1/18/2019	18	1	0.1098	1.9764
1901165 91001	MB	PC	2"	695	Less than or equal to 60	Code 1	B	S	1/18/2019		1/18/2019	18	1	0.1098	1.9764
1901174 912336	DB	PC	3/4"	817	Less than or equal to 60	Code 1	B	M	1/18/2019		1/18/2019	1	1	0.1098	0.1098
1901175 91308	MB	UC	3/4"	821	Less than or equal to 60	Code 1	B	M	1/18/2019		1/18/2019	1	1	0.1098	0.1098
1901177 91423	DB	PB	1"	0	Less than or equal to 60	Code 1	B	M	1/18/2019		1/18/2019	1	1	0.1098	0.1098
1901184 90064	DB	PC	3/4"	407	Less than or equal to 60	Code 1	B	PC	1/18/2019		1/18/2019	1	1	0.1098	0.1098
1901195 90051	DB	UC	3/4"	587	Less than or equal to 60	Code 1	B	M	1/19/2019		1/19/2019	1	1	0.1098	0.1098
1901203 91801	DB	UC	3/4"	726	Less than or equal to 60	Code 1	B	M	1/19/2019		1/19/2019	1	1	0.1098	0.1098
1901208 90065	MB	P	1"	483	Less than or equal to 60	Code 1	B	M	1/19/2019	43484	1/19/2019	1	1	0.1098	0.1098
1901214 91030	DB	PC	3/4"	798	Less than or equal to 60	Code 1	B	M	1/20/2019		1/20/2019	1	1	0.1098	0.1098
1901215 91410	DB	PB	1 1/4"	0	Less than or equal to 60	Code 1	B	M	1/20/2019		1/20/2019	1	1	0.1098	0.1098
1901221 91207	DB	UC	3/4"	653	Less than or equal to 60	Code 1	B	M	1/20/2019	43485	1/20/2019	1	1	0.1098	0.1098
1901224 91405	DB	UB	3/4"	704	Less than or equal to 60	Code 1	B	M	1/20/2019		1/20/2019	1	1	0.1098	0.1098
1901238 91332	DB	UC	3/4"	832	Less than or equal to 60	Code 1	B	M	1/21/2019		1/21/2019	1	1	0.1098	0.1098
1901259 91801	MB	UC	3"	1139	Less than or equal to 60	Code 1	B	S	1/22/2019		1/22/2019	22	1	0.1098	2.4156
1901288 91803	MB	PB	4"	1143	Less than or equal to 60	Code 1	B	S	1/22/2019		1/22/2019	22	1	0.1098	2.4156
1901294 91206	DB	P	1"	0	Less than or equal to 60	Code 1	B	M	1/22/2019		1/22/2019	1	1	0.1098	0.1098
1901298 91710	MB	UB	2"	609	Less than or equal to 60	Code 1	B	S	1/22/2019		1/22/2019	22	1	0.1098	2.4156
1901345 91803	DB	P	3/4"	805	Less than or equal to 60	Code 1	B	S	1/23/2019		1/23/2019	23	1	0.1098	2.5254
1901359 91211	MB	P	2"	426	Less than or equal to 60	Code 1	B	S	1/23/2019		1/23/2019	23	1	0.1098	2.5254
1901381 91248	MB	UB	10"	988	Less than or equal to 60	Code 1	B	S	1/23/2019		1/23/2019	23	1	0.1098	2.5254
1901382 91792	MB	P	0	0	Less than or equal to 60	Code 1	B	S	1/23/2019		1/23/2019	23	1	0.1098	2.5254
1901388 90201	DB	UC	3/4"	862	Less than or equal to 60	Code 1	B	S	1/23/2019		1/24/2019	24	2	0.1098	2.6352
1901389 91786	MB	UB	3"	683	Less than or equal to 60	Code 1	B	S	1/23/2019		1/24/2019	24	2	0.1098	2.6352
1901397 91543	MB	UC	3"	749	Less than or equal to 60	Code 1	B	S	1/23/2019		1/24/2019	24	2	0.1098	2.6352
1901401 91570	MB	P	2"	431	Less than or equal to 60	Code 1	B	M	1/23/2019		1/23/2019	1	1	0.1098	0.1098
1901403 91831	DB	P	1/2" IPS	551	Less than or equal to 60	Code 1	B	S	1/23/2019		1/23/2019	23	1	0.1098	2.5254
1901405 91831	DB	UC	3/4"	613	Less than or equal to 60	Code 1	B	M	1/23/2019	43488	1/23/2019	1	1	0.1098	0.1098
1901413 91325	DB	UC	3/4"	697	Less than or equal to 60	Code 1	B	M	1/23/2019		1/23/2019	1	1	0.1098	0.1098
1901434 91335	MB	UB	3"	1136	Less than or equal to 60	Code 1	B	S	1/23/2019		1/24/2019	24	2	0.1098	2.6352
1901447 91233	DB	P	1/2" IPS	561	Less than or equal to 60	Code 1	B	M	1/23/2019		1/23/2019	1	1	0.1098	0.1098
1901444 91773	MB	UB	2"	671	Less than or equal to 60	Code 1	B	M	1/23/2019	43488	1/23/2019	1	1	0.1098	0.1098
1901446 912620	DB	P	1/2" CTS	417	Less than or equal to 60	Code 1	B	M	1/23/2019		1/23/2019	1	1	0.1098	0.1098
1901449 91911	MB	P	2"	413	Less than or equal to 60	Code 1	B	M	1/23/2019	43488	1/23/2019	1	1	0.1098	0.1098
1901465 91879	MB	P	2"	446	Less than or equal to 60	Code 1	B	S	1/24/2019		1/24/2019	24	1	0.1098	2.6352
1901481 91108	MB	P	2"	511	Less than or equal to 60	Code 1	B	S	1/24/2019		1/24/2019	24	1	0.1098	2.6352
1901489 91812	MB	PC	4"	1141	Less than or equal to 60	Code 1	B	S	1/24/2019		1/24/2019	24	1	0.1098	2.745
1901500 91801	MB	P	2"	471	Less than or equal to 60	Code 1	B	S	1/24/2019		1/24/2019	24	1	0.1098	2.6352
1901528 90723	DB	UB	1"	765	Less than or equal to 60	Code 1	B	M	1/24/2019	43489	1/24/2019	1	1	0.1098	0.1098
1901530 91299	DB	UC	3/4"	854	Less than or equal to 60	Code 1	B	M	1/24/2019		1/24/2019	1	1	0.1098	0.1098
1901537 91408	MB	P	2"	0	Less than or equal to 60	Code 1	B	M	1/24/2019	43489	1/24/2019	1	1	0.1098	0.1098
1901541 91853	MB	P	3"	447	Less than or equal to 60	Code 1	B	M	1/24/2019	43489	1/24/2019	1	1	0.1098	0.1098
1901545 90201	DB	PC	1"	947	Less than or equal to 60	Code 1	B	M	1/24/2019	43489	1/24/2019	1	1	0.1098	0.1098
1901549 91401	DB	PC	3/4"	649	Less than or equal to 60	Code 1	B	M	1/24/2019		1/24/2019	1	1	0.1098	0.1098
1901582 91262	DB	UC	3/4"	811	Less than or equal to 60	Code 1	B	S	1/25/2019		1/25/2019	25	1	0.1098	2.745
1901595 90949	DB	UC	3/4"	971	Less than or equal to 60	Code 1	B	S	1/25/2019		1/25/2019	25	1	0.1098	2.745
1901608 91264	DB	PC	3/4"	690	Less than or equal to 60	Code 1	B	M	1/25/2019		1/25/2019	1	1	0.1098	0.1098
1901622 91703	DB	UC	3/4"	441	Less than or equal to 60	Code 1	B	S	1/25/2019	43490	1/25/2019	1	1	0.1098	0.1098
1901627 91040	MB	UC	1"	643	Less than or equal to 60	Code 1	B	M	1/26/2019		1/26/2019	26	1	0.1098	2.8548
1901644 90745	MB	P	2"	338	Less than or equal to 60	Code 1	B	M	1/26/2019	43491	1/26/2019	1	1	0.1098	0.1098
1901650 90031	DB	UC	3/4"	1006	Less than or equal to 60	Code 1	B	M	1/27/2019		1/27/2019	1	1	0.1098	0.1098
1901659 91446	MB	P	1"	42	Less than or equal to 60	Code 1	B	M	1/27/2019		1/27/2019	1	1	0.1098	0.1098
1901670 91211	MB	P	2"	96	Less than or equal to 60	Code 1	B	S	1/28/2019		1/28/2019	28	1	0.1098	3.0744
1901746 91557	MB	P	2"	25	Less than or equal to 60	Code 1	B	M	1/28/2019		1/28/2019	28	1	0.1098	3.0744
1901751 91737	MB	P	2"	397	Less than or equal to 60	Code 1	B	M	1/28/2019	43493	1/28/2019	1	1	0.1098	0.1098
1901762 91735	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	M	1/28/2019		1/28/2019	1	1	0.1098	0.1098
1901800 90701	DB	UC	3/4"	781	Less than or equal to 60	Code 1	B	S	1/29/2019		1/29/2019	29	1	0.1098	3.1842
1901802 90638	DB	UC	3/4"	768	Less than or equal to 60	Code 1	B	S	1/29/2019		1/29/2019	29	1	0.1098	3.1842
1901816 91767	MB	P	2"	466	Less than or equal to 60	Code 1	B	S	1/29/2019		1/29/2019	29	1	0.1098	3.1842
1901838 91713	MB	P	2"	721	Less than or equal to 60	Code 1	B	S	1/29/2019		1/29/2019	29	1	0.1098	3.1842
1901841 91786	DB	UC	3/4"	675	Less than or equal to 60	Code 1	B	S	1/29/2019		1/30/2019	30	2	0.1098	3.294
1901891 91304	DB	PC	3/4"	0	Less than or equal to 60	Code 1	B	S	1/29/2019		1/29/2019	29	1	0.1098	3.1842
1901915 91330	DB	UC	3/4"	867	Less than or equal to 60	Code 1	B	S	1/29/2019	43494	1/29/2019	1	1	0.1098	0.1098
1901954 91410	DB	PB	3/4"	69	Less than or equal to 60	Code 1	B	S	1/30/2019		1/30/2019	30	1	0.1098	3.294
1901970 90650	DB	UC	3/4"	7											

1902463	90077	MB	UB	3"	1103	Less than or equal to 60	Code 1	B	M	2/7/2019	2/7/2019	1	1	0.1098	0.1098
1902468	90701	DB	UC	3/4"	689	Less than or equal to 60	Code 1	B	M	2/7/2019	2/7/2019	1	1	0.1098	0.1098
1902475	90026	DB	UB	3/4"	673	Less than or equal to 60	Code 1	B	M	2/7/2019	2/7/2019	1	1	0.1098	0.1098
1902486	91767	DB	UC	1 1/4"	700	Less than or equal to 60	Code 1	B	M	2/8/2019	2/8/2019	39	1	0.1098	4.2822
1902497	91733	MB	PC	6"	827	Less than or equal to 60	Code 1	B	M	2/8/2019	2/8/2019	1	1	0.1098	4.2822
1902512	91691	MB	PC	3"	611	Less than or equal to 60	Code 1	B	M	2/8/2019	2/8/2019	39	1	0.0579	2.25735191
1902514	90713	DB	UC	3/4"	774	Less than or equal to 60	Code 1	B	M	2/8/2019	2/8/2019	1	1	0.1098	0.1098
1902521	91340	DB	UC	3/8"	655	Less than or equal to 60	Code 1	B	M	2/8/2019	2/8/2019	1	1	0.1098	0.1098
1902538	91376	DB	UB	3/4"	668	Less than or equal to 60	Code 1	B	M	2/8/2019	2/8/2019	39	1	0.1098	4.2822
1902539	90031	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	M	2/8/2019	2/8/2019	1	1	0.1098	0.1098
1902546	91767	MB	UB	2"	0	Less than or equal to 60	Code 1	B	M	2/8/2019	2/8/2019	1	1	0.1098	0.1098
1902550	90660	DB	UC	3/4"	942	Less than or equal to 60	Code 1	B	M	2/9/2019	2/9/2019	1	1	0.1098	0.1098
1902567	92688	DB	P	1/2" IPS	359	Less than or equal to 60	Code 1	B	M	2/9/2019	2/9/2019	1	1	0.1098	0.1098
1902587	91803	DB	UC	3/4"	859	Less than or equal to 60	Code 1	B	M	2/9/2019	2/9/2019	1	1	0.1098	0.1098
1902589	92373	DB	P	1/2" CTS	505	Less than or equal to 60	Code 1	B	M	2/9/2019	2/9/2019	1	1	0.1098	0.1098
1902596	90043	DB	P	1/2" CTS	36	Less than or equal to 60	Code 1	B	M	2/9/2019	2/9/2019	1	1	0.1098	0.1098
1902603	91104	DB	UB	1 1/4"	811	Less than or equal to 60	Code 1	B	M	2/10/2019	2/10/2019	1	1	0.1098	0.1098
1902612	91770	MB	PC	10"	767	Less than or equal to 60	Code 1	B	S	2/11/2019	2/12/2019	43	2	0.1098	4.7214
1902618	90059	DB	UC	3/4"	796	Less than or equal to 60	Code 1	B	S	2/11/2019	2/11/2019	42	1	0.1098	4.6116
1902621	90059	DB	PC	3/4"	821	Less than or equal to 60	Code 1	B	M	2/11/2019	2/11/2019	1	1	0.1098	0.1098
1902650	91302	DB	PC	3/4"	332	Less than or equal to 60	Code 1	B	M	2/11/2019	2/11/2019	1	1	0.1098	0.1098
1902692	91506	DB	UB	1"	1103	Less than or equal to 60	Code 1	B	M	2/11/2019	2/11/2019	1	1	0.1098	0.1098
1902696	92408	MB	PB	3"	1130	Less than or equal to 60	Code 1	B	M	2/11/2019	2/11/2019	1	1	0.1098	0.1098
1902698	92886	MB	P	4"	485	Less than or equal to 60	Code 1	B	M	2/11/2019	2/11/2019	1	1	0.1098	0.1098
1902701	90068	DB	UB	3/4"	727	Less than or equal to 60	Code 1	B	M	2/11/2019	2/11/2019	1	1	0.1098	0.1098
1902702	92410	DB	UB	3/4"	424	Less than or equal to 60	Code 1	B	M	2/12/2019	2/12/2019	1	1	0.1098	0.1098
1902726	90274	DB	P	1/2" CTS	0	Less than or equal to 60	Code 1	B	M	2/12/2019	2/12/2019	1	1	0.1098	0.1098
1902733	91104	DB	UC	1 1/4"	1124	Less than or equal to 60	Code 1	B	M	2/12/2019	2/12/2019	1	1	0.1098	0.1098
1902752	91701	MB	UB	2"	695	Less than or equal to 60	Code 1	B	S	2/12/2019	2/12/2019	43	1	0.1098	4.7214
1902766	90002	DB	UC	3/4"	810	Less than or equal to 60	Code 1	B	M	2/12/2019	2/12/2019	1	1	0.1098	0.1098
1902767	90059	DB	PC	1"	904	Less than or equal to 60	Code 1	B	S	2/12/2019	2/12/2019	43	1	0.1098	4.7214
1902778	90660	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	M	2/12/2019	2/12/2019	1	1	0.1098	0.1098
1902782	92332	DB	UB	3/4"	730	Less than or equal to 60	Code 1	B	M	1/29/2019	1/29/2019	1	1	0.1098	0.1098
1902784	91280	DB	PC	3/4"	845	Less than or equal to 60	Code 1	B	M	2/12/2019	2/12/2019	1	1	0.1098	0.1098
1902786	91021	MB	P	2"	362	Less than or equal to 60	Code 1	B	M	2/12/2019	2/12/2019	1	1	0.1098	0.1098
1902800	90244	DB	UC	3/4"	784	Less than or equal to 60	Code 1	B	M	2/12/2019	2/12/2019	1	1	0.1098	0.1098
1902827	91023	DB	PC	3/4"	513	Less than or equal to 60	Code 1	B	M	2/13/2019	2/13/2019	1	1	0.1098	0.1098
1902831	91770	MB	UB	2"	995	Less than or equal to 60	Code 1	B	S	2/13/2019	2/13/2019	44	1	0.1098	4.8112
1902870	92629	DB	P	1/2" IPS	415	Less than or equal to 60	Code 1	B	S	2/13/2019	2/13/2019	1	1	0.1098	0.1098
1902873	91267	MB	PC	2"	1080	Less than or equal to 60	Code 1	B	S	2/13/2019	2/14/2019	45	2	0.1098	4.941
1902886	91274	MB	PC	2"	853	Less than or equal to 60	Code 1	B	M	2/13/2019	2/13/2019	1	1	0.1098	0.1098
1902889	91710	DB	P	1/2" CTS	493	Less than or equal to 60	Code 1	B	M	2/13/2019	2/13/2019	1	1	0.1098	0.1098
1902891	90077	MB	UB	2"	987	Less than or equal to 60	Code 1	B	M	2/13/2019	2/13/2019	1	1	0.1098	0.1098
1902901	91737	DB	UB	3/4"	652	Less than or equal to 60	Code 1	B	M	2/14/2019	2/14/2019	1	1	0.1098	0.1098
1902904	92374	DB	P	1"	469	Less than or equal to 60	Code 1	B	M	2/14/2019	2/14/2019	1	1	0.1098	0.1098
1902909	91709	DB	P	1/2" CTS	479	Less than or equal to 60	Code 1	B	M	2/14/2019	2/14/2019	1	1	0.1098	0.1098
1902913	91342	DB	UB	3/4"	869	Less than or equal to 60	Code 1	B	M	2/14/2019	2/14/2019	1	1	0.1098	0.1098
1902919	91701	DB	UB	3/4"	692	Less than or equal to 60	Code 1	B	M	2/14/2019	2/14/2019	1	1	0.1098	0.1098
1902920	90706	DB	UC	3/4"	753	Less than or equal to 60	Code 1	B	M	2/15/2019	2/15/2019	1	1	0.1098	0.1098
1902941	90032	DB	UB	3/4"	0	Less than or equal to 60	Code 1	B	M	2/15/2019	2/15/2019	1	1	0.1098	0.1098
1902966	91737	DB	Unknown	3/4"	692	Less than or equal to 60	Code 1	B	M	2/15/2019	2/15/2019	1	1	0.1098	0.1098
1902967	90713	DB	UC	3/4"	681	Less than or equal to 60	Code 1	B	M	2/15/2019	2/15/2019	1	1	0.1098	0.1098
1902981	91406	MB	PB	2"	1013	Less than or equal to 60	Code 1	B	S	2/16/2019	2/16/2019	47	1	0.1098	5.1606
1902995	91042	DB	UC	1"	0	Less than or equal to 60	Code 1	B	S	2/16/2019	2/16/2019	47	1	0.1098	5.1606
1902998	92260	MB	P	2"	437	Less than or equal to 60	Code 1	B	M	2/16/2019	2/16/2019	1	1	0.1098	0.1098
1903000	92861	DB	P	1/2" IPS	498	Less than or equal to 60	Code 1	B	M	2/16/2019	2/16/2019	43512	1	0.1098	0.1098
1903020	92404	DB	P	1/2" IPS	517	Less than or equal to 60	Code 1	B	M	2/16/2019	2/16/2019	43513	1	0.1098	0.1098
1903031	91739	MB	P	2"	186	Less than or equal to 60	Code 1	B	M	2/18/2019	2/18/2019	1	1	0.1098	0.1098
1903036	91001	DB	PC	3/4"	562	Less than or equal to 60	Code 1	B	M	2/18/2019	2/18/2019	1	1	0.1098	0.1098
1903040	91803	MB	UB	4"	819	Less than or equal to 60	Code 1	B	S	2/19/2019	2/19/2019	50	1	0.1098	5.49
1903044	91803	DB	UB	3/4"	819	Less than or equal to 60	Code 1	B	S	2/19/2019	2/19/2019	50	1	0.1098	5.49
1903051	91740	DB	UC	3/4"	699	Less than or equal to 60	Code 1	B	S	2/19/2019	2/19/2019	50	1	0.1098	5.49
1903066	92240	MB	P	2"	485	Less than or equal to 60	Code 1	B	S	2/19/2019	2/19/2019	50	1	0.1098	5.49
1903067	92636	MB	Unknown	2"	586	Less than or equal to 60	Code 1	B	S	2/19/2019	2/19/2019	50	1	0.1098	5.49
1903068	91867	DB	UC	3/4"	689	Less than or equal to 60	Code 1	B	S	2/19/2019	2/19/2019	50	1	0.1098	5.49
1903081	90255	MB	PC	4"	1179	Less than or equal to 60	Code 1	B	S	2/19/2019	2/19/2019	50	1	0.1098	5.49
1903085	92867	DB	UC	3/4"	653	Less than or equal to 60	Code 1	B	S	2/19/2019	2/19/2019	50	1	0.1098	5.49
1903128	91711	DB	UC	3/4"	684	Less than or equal to 60	Code 1	B	M	2/19/2019	2/19/2019	1	1	0.1098	0.1098
1903149	91107	DB	P	1/2" CTS	437	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	51	1	0.1098	5.5998
1903152	91683	DB	PC	1/2" CTS	490	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	51	1	0.1098	5.5998
1903155	90061	MB	PC	3"	1075	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	51	1	0.1098	5.5998
1903164	92408	DB	P	1"	369	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	51	1	0.1098	5.5998
1903167	92240	DB	P	2"	420	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	51	1	0.1098	5.5998
1903170	92802	DB	P	1/2" IPS	544	Less than or equal to 60	Code 1	B	M	2/20/2019	2/20/2019	1	1	0.1098	0.1098
1903180	91803	MB	UB	4"	1223	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	51	1	0.1098	5.5998
1903192	91553	MB	P	4"	432	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	52	1	0.1098	5.7096
1903199	91766	DB	P	1/2" CTS	481	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	51	1	0.1098	5.5998
1903201	90660	DB	UC	3/4"	846	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	51	1	0.1098	5.5998
1903207	90350	MB	UB	4"	1125	Less than or equal to 60	Code 1	B	S	2/20/2019	2/20/2019	51	1	0.1098	5.5998
1903244	91401	MB	PC	2"	878	Less than or equal to 60	Code 1	B	M	2/20/2019	2/20/2019	1	1	0.1098	0.1098
1903245	91107	MB	UC	2"	811	Less than or equal to 60	Code 1	B	M	2/20/2019	2/20/2019	1	1	0.1098	0.1098
1903249	91786	MB	UB	2"	671	Less than or equal to 60	Code 1	B	M	2/20/2019	2/20/2019	1	1	0.1098	0.1098
1903250	90068	DB	P	1/2" CTS	409	Less than or equal to 60	Code 1	B	M	2/20/2019	2/20/2019	1	1	0.1098	0.1098
1903251	92704	DB	UB	3/4"	599	Less than or equal to 60	Code 1	B	M	2/20/2019	2/20/2019	1	1	0.	

1903711	92316	MB	UB	3"	1113	Less than or equal to 60	Code 1	B	S	2/17/2019	2/17/2019	58	1	0.1098	6.3684
1903720	90630	DB	UC	3/4"	779	Less than or equal to 60	Code 1	B	S	2/17/2019	2/18/2019	59	2	0.1098	6.4782
1903723	90241	DB	UB	1"	847	Less than or equal to 60	Code 1	B	S	2/17/2019	2/18/2019	59	2	0.1098	6.4782
1903739	92545	MB	P	2"	508	Less than or equal to 60	Code 1	B	S	2/17/2019	2/18/2019	59	2	0.1098	6.4782
1903763	92570	MB	P	2"	431	Less than or equal to 60	Code 1	B	S	2/17/2019	2/17/2019	1	1	0.1098	0.1098
1903764	92979	DB	PB	3/4"	732	Less than or equal to 60	Code 1	B	M	2/17/2019	2/17/2019	1	1	0.1098	0.1098
1903769	93405	DB	P	0	Less than or equal to 60	Code 1	B	M	M	2/17/2019	2/17/2019	1	1	0.1098	0.1098
1903775	91406	DB	UC	3/4"	698	Less than or equal to 60	Code 1	B	M	2/18/2019	2/18/2019	1	1	0.1098	0.1098
1903779	91331	DB	UC	3/4"	823	Less than or equal to 60	Code 1	B	M	2/18/2019	2/18/2019	1	1	0.1098	0.1098
1903799	91723	DB	UB	3/4"	1140	Less than or equal to 60	Code 1	B	S	2/18/2019	2/18/2019	59	1	0.1098	6.4782
1903818	91740	MB	UB	2"	767	Less than or equal to 60	Code 1	B	S	2/18/2019	2/18/2019	59	1	0.1098	6.4782
1903821	91661	DB	PC	3/4"	761	Less than or equal to 60	Code 1	B	S	2/18/2019	2/18/2019	59	1	0.1098	6.4782
1903838	90059	MB	UC	4"	606	Less than or equal to 60	Code 1	B	S	2/18/2019	1/1/2019	60	2	0.1098	6.588
1903844	90241	DB	UC	1"	971	Less than or equal to 60	Code 1	B	S	2/18/2019	1/1/2019	60	2	0.1098	6.588
1903849	91308	MB	PC	3/4"	835	Less than or equal to 60	Code 1	B	S	2/18/2019	2/17/2019	59	1	0.1098	6.4782
1903856	91257	DB	UC	3/4"	579	Less than or equal to 60	Code 1	B	S	2/18/2019	1/1/2019	60	2	0.1098	6.588
1903865	91780	DB	P	1/2" CTS	20	Less than or equal to 60	Code 1	B	M	2/18/2019	2/18/2019	1	1	0.1098	0.1098
1903867	91105	DB	UC	3/4"	751	Less than or equal to 60	Code 1	B	M	2/18/2019	2/18/2019	1	1	0.1098	0.1098
1903869	90069	MB	UC	4"	1140	Less than or equal to 60	Code 1	B	M	1/1/2019	1/1/2019	1	1	0.1098	0.1098
1903891	90065	DB	P	1/2" CTS	372	Less than or equal to 60	Code 1	B	S	3/1/2019	3/1/2019	60	1	0.1098	6.588
1903896	91770	MB	P	2"	417	Less than or equal to 60	Code 1	B	S	3/1/2019	3/1/2019	60	1	0.1098	6.588
1903904	90212	MB	UC	2"	668	Less than or equal to 60	Code 1	B	M	3/1/2019	3/1/2019	1	1	0.1098	0.1098
1903926	91770	DB	P	1/2" CTS	426	Less than or equal to 60	Code 1	B	S	3/1/2019	3/1/2019	60	1	0.1098	6.588
1903932	91723	DB	P	1/2" CTS	421	Less than or equal to 60	Code 1	B	S	3/1/2019	3/1/2019	60	1	0.1098	6.588
1903977	92532	MB	P	4"	458	Less than or equal to 60	Code 1	B	M	3/3/2019	3/3/2019	1	1	0.1098	0.1098
1904003	93621	DB	PC	1"	428	Less than or equal to 60	Code 1	B	M	3/4/2019	3/4/2019	1	1	0.1098	0.1098
1904006	92210	DB	UB	3/4"	717	Less than or equal to 60	Code 1	B	S	3/4/2019	3/4/2019	63	1	0.1098	6.9174
1904015	90234	MB	UC	2"	611	Less than or equal to 60	Code 1	B	S	3/4/2019	3/4/2019	63	1	0.1098	6.9174
1904029	90405	DB	UB	1"	1151	Less than or equal to 60	Code 1	B	S	3/4/2019	3/5/2019	64	2	0.1098	7.0272
1904062	90640	MB	UB	2"	851	Less than or equal to 60	Code 1	B	M	3/4/2019	3/4/2019	1	1	0.1098	0.1098
1904063	91308	MB	PC	4"	337	Less than or equal to 60	Code 1	B	M	3/4/2019	4/3/2019	1	1	0.1098	0.1098
1904079	91882	MB	UB	1"	638	Less than or equal to 60	Code 1	B	S	3/4/2019	4/3/2019	1	1	0.1098	0.1098
1904088	91877	MB	PC	2"	800	Less than or equal to 60	Code 1	B	S	3/1/2019	3/2/2019	61	2	0.1098	6.6978
1904091	91737	DB	PC	3/4"	827	Less than or equal to 60	Code 1	B	M	3/5/2019	3/5/2019	1	1	0.1098	0.1098
1904098	92210	DB	UB	3/4"	712	Less than or equal to 60	Code 1	B	S	3/5/2019	3/5/2019	64	1	0.1098	7.0272
1904105	90064	MB	PB	4"	1183	Less than or equal to 60	Code 1	B	S	3/5/2019	3/5/2019	64	1	0.1098	7.0272
1904106	91011	DB	UC	3/4"	804	Less than or equal to 60	Code 1	B	S	3/5/2019	3/5/2019	1	1	0.1098	0.1098
1904110	90227	DB	UB	3/4"	787	Less than or equal to 60	Code 1	B	S	3/5/2019	3/5/2019	1	1	0.1098	0.1098
1904131	91740	MB	UB	2"	767	Less than or equal to 60	Code 1	B	S	3/5/2019	3/5/2019	64	1	0.1098	7.0272
1904135	91709	DB	PC	3/4"	516	Less than or equal to 60	Code 1	B	S	3/5/2019	3/5/2019	64	1	0.1098	7.0272
1904146	90061	MB	P	2"	431	Less than or equal to 60	Code 1	B	S	3/5/2019	3/5/2019	64	1	0.1098	7.0272
1904156	91335	DB	P	1/2" CTS	460	Less than or equal to 60	Code 1	B	S	3/5/2019	3/5/2019	65	2	0.1098	7.137
1904159	92220	DB	UC	3/4"	728	Less than or equal to 60	Code 1	B	M	3/5/2019	3/5/2019	1	1	0.1098	0.1098
1904173	91010	MB	UB	4"	851	Less than or equal to 60	Code 1	B	M	3/5/2019	3/5/2019	1	1	0.1098	0.1098
1904186	91342	DB	UC	3/4"	624	Less than or equal to 60	Code 1	B	M	3/5/2019	3/5/2019	1	1	0.1098	0.1098
1904193	92210	DB	UB	3/4"	82	Less than or equal to 60	Code 1	B	S	3/6/2019	3/6/2019	65	1	0.1098	7.137
1904211	90006	DB	PC	1/4"	795	Less than or equal to 60	Code 1	B	M	3/6/2019	3/6/2019	1	1	0.1098	0.1098
1904257	92629	MB	P	2"	470	Less than or equal to 60	Code 1	B	S	3/7/2019	3/7/2019	66	1	0.1098	7.2468
1904269	90723	MB	P	3"	409	Less than or equal to 60	Code 1	B	S	3/7/2019	3/8/2019	67	2	0.1098	7.3566
1904271	92130	DB	P	1"	0	Less than or equal to 60	Code 1	B	M	3/7/2019	3/7/2019	1	1	0.1098	0.1098
1904273	90003	DB	UC	3/4"	436	Less than or equal to 60	Code 1	B	S	3/7/2019	3/7/2019	66	1	0.1098	7.2468
1904281	91786	MB	UB	2"	719	Less than or equal to 60	Code 1	B	S	3/7/2019	3/7/2019	66	1	0.1098	7.2468
1904310	91804	DB	UC	3/4"	875	Less than or equal to 60	Code 1	B	M	3/7/2019	3/7/2019	1	1	0.1098	0.1098
1904328	91247	DB	PC	3/4"	723	Less than or equal to 60	Code 1	B	S	3/8/2019	3/7/2019	86	20	0.1098	8.4428
1903661	91123	DB	UB	1 1/4"	0	Less than or equal to 60	Code 1	B	M	3/8/2019	3/8/2019	1	1	0.1098	0.1098
1903663	91105	DB	UC	3/4"	800	Less than or equal to 60	Code 1	B	S	3/8/2019	3/8/2019	43532	1	0.1098	0.1098
1904375	91214	DB	UB	3/4"	691	Less than or equal to 60	Code 1	B	M	3/8/2019	3/8/2019	1	1	0.1098	0.1098
1904380	91711	MB	UB	2"	767	Less than or equal to 60	Code 1	B	M	3/8/2019	3/8/2019	43532	1	0.1098	0.1098
1904382	91336	DB	UC	3/4"	647	Less than or equal to 60	Code 1	B	S	3/8/2019	3/8/2019	68	7	0.1098	7.4664
1904397	93035	MB	UC	2"	1115	Less than or equal to 60	Code 1	B	S	3/8/2019	3/8/2019	68	1	0.1098	7.4664
1904402	90731	DB	P	1/2" CTS	419	Less than or equal to 60	Code 1	B	S	3/9/2019	3/9/2019	68	1	0.1098	7.4664
1904407	91411	DB	UC	3/4"	835	Less than or equal to 60	Code 1	B	S	3/9/2019	3/9/2019	68	1	0.1098	7.4664
1904414	92882	MB	PC	1"	638	Less than or equal to 60	Code 1	B	M	3/9/2019	3/9/2019	1	1	0.1098	0.1098
1904415	91604	DB	UC	3/4"	760	Less than or equal to 60	Code 1	B	S	3/9/2019	3/14/2019	73	6	0.1098	8.0154
1904427	91507	DB	UC	1"	844	Less than or equal to 60	Code 1	B	M	3/9/2019	3/9/2019	1	1	0.1098	0.1098
1904441	92630	MB	P	2"	410	Less than or equal to 60	Code 1	B	M	3/10/2019	3/10/2019	1	1	0.1098	0.1098
1904441	91761	DB	UC	3/4"	743	Less than or equal to 60	Code 1	B	M	3/10/2019	4/25/24	1	1	0.1098	0.1098
1904455	92629-4061	MB	P	1"	371	Less than or equal to 60	Code 1	B	M	3/11/2019	3/11/2019	1	1	0.1098	0.1098
1904458	91763	MB	UC	2"	671	Less than or equal to 60	Code 1	B	S	3/11/2019	3/11/2019	70	1	0.1098	7.686
1904474	91706	DB	UB	3/4"	1187	Less than or equal to 60	Code 1	B	S	3/11/2019	3/11/2019	70	1	0.1098	7.686
1904477	91740	MB	UB	2"	767	Less than or equal to 60	Code 1	B	S	3/11/2019	3/11/2019	70	1	0.1098	7.686
1904478	90703	DB	UC	3/4"	589	Less than or equal to 60	Code 1	B	S	3/11/2019	3/11/2019	70	1	0.1098	7.686
1904479	91880	DB	PC	4"	0	Less than or equal to 60	Code 1	B	M	3/11/2019	3/11/2019	70	1	0.1098	7.686
1904486	91350	MB	PC	6"	792	Less than or equal to 60	Code 1	B	M	3/11/2019	3/11/2019	1	1	0.1098	0.1098
1904491	90005	DB	UB	3/4"	655	Less than or equal to 60	Code 1	B	M	3/11/2019	4/30/35	1	1	0.1098	0.1098
1904495	91629	DB	UB	3/4"	541	Less than or equal to 60	Code 1	B	S	3/11/2019	3/11/2019	70	1	0.1098	7.686
1904510	91107	DB	UB	3/4"	811	Less than or equal to 60	Code 1	B	S	3/11/2019	3/12/2019	71	2	0.1098	7.7958
1904514	90713	DB	PC	3/4"	689	Less than or equal to 60	Code 1	B	S	3/11/2019	3/11/2019	70	1	0.1098	7.686
1904531	91763	DB	PB	1/4"	775	Less than or equal to 60	Code 1	B	S	3/11/2019	3/11/2019	70	1	0.1098	7.686
1904535	92832	MB	PC	2"	803	Less than or equal to 60	Code 1	B	S	3/11/2019	3/12/2019	71	2	0.1098	7.7958
1904546	91786	MB	UB	2"	695	Less than or equal to 60	Code 1	B	M	3/11/2019	4/30/35	1	1	0.1098	0.1098
1904577	91235	DB	PC	2"	651	Less than or equal to 60	Code 1	B	M	3/11/2019	4/25/35	1	1	0.1098	0.1098
1904586	90720	MB	PC	2"	731	Less than or equal to 60	Code 1	B	S	3/12/2019	3/12/2019	71	1	0.1098	7.7958
1904594	93035	MB	PC	2"	1115	Less than or equal to 60	Code 1	B	S	3/12/2019	3/12/2019	71	1	0.1098	7.7958
1904598	91706	DB	P	1/2" CTS	438	Less than or equal to 60									

1905000 92627	MB	P	2"	719	Less than or equal to 60	Code 1	B	S	3/18/2019	3/19/2019	78	2	0.1098	8.5644	
1905005 92506	DB	UB	3/4"	781	Less than or equal to 60	Code 1	B	M	3/18/2019	3/18/2019	1	1	0.1098	0.1098	
1905016 91274	DB	PC	3/4"	782	Less than or equal to 60	Code 1	B	M	3/15/2019	3/15/2019	1	1	0.1098	0.1098	
1905019 90280	DB	UC	1"	959	Less than or equal to 60	Code 1	B	S	3/18/2019	3/18/2019	77	1	0.1098	8.4546	
1905057 91402	DB	UC	3/4"	827	Less than or equal to 60	Code 1	B	S	3/18/2019	3/18/2019	7	1	0.1098	0.1098	
1905076 92335	DB	P	1/2" IPS	509	Less than or equal to 60	Code 1	B	M	3/19/2019	3/19/2019	78	1	0.1098	8.5644	
1905083 92626	DB	PC	2"	0	Less than or equal to 60	Code 1	B	S	3/19/2019	3/19/2019	78	1	0.1098	8.5644	
1905095 91745	DB	UC	3/4"	635	Less than or equal to 60	Code 1	B	S	3/19/2019	3/19/2019	78	1	0.1098	8.5644	
1905104 91316	DB	UC	3/4"	827	Less than or equal to 60	Code 1	B	M	3/15/2019	3/15/2019	80	1	0.1098	0.1098	
1905112 90745	DB	PC	3/4"	810	Less than or equal to 60	Code 1	B	S	3/19/2019	3/19/2019	78	1	0.1098	8.5644	
1905140 91763	MB	UB	2"	815	Less than or equal to 60	Code 1	B	S	3/19/2019	3/19/2019	78	1	0.1098	8.5644	
1905161 91010.3424	MB	UC	2"	815	Less than or equal to 60	Code 1	B	S	3/19/2019	3/19/2019	78	1	0.1098	8.5644	
1905183 91766	MB	UB	2"	1079	Less than or equal to 60	Code 1	B	S	3/20/2019	3/20/2019	79	1	0.1098	8.6742	
1905189 91780	MB	UB	4"	1151	Less than or equal to 60	Code 1	B	S	3/20/2019	3/20/2019	79	1	0.1098	8.6742	
1905191 91881	MB	PC	2"	647	Less than or equal to 60	Code 1	B	S	3/20/2019	3/20/2019	79	1	0.1098	8.6742	
1905211 91936	MB	PC	2"	589	Less than or equal to 60	Code 1	B	S	3/20/2019	3/20/2019	79	1	0.1098	8.6742	
1905240 92264	MB	UB	3"	782	Less than or equal to 60	Code 1	B	S	3/20/2019	3/20/2019	80	2	0.1098	8.784	
1905251 90077	DB	UC	1"	686	Less than or equal to 60	Code 1	B	M	3/20/2019	3/20/2019	1	1	0.1098	0.1098	
1905271 90254	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	M	3/20/2019	3/20/2019	1	1	0.1098	0.1098	
1905276 91780	DB	UC	3/4"	885	Less than or equal to 60	Code 1	B	S	3/21/2019	3/21/2019	80	1	0.1098	8.784	
1905285 91934	DB	UC	3/4"	813	Less than or equal to 60	Code 1	B	S	3/21/2019	3/21/2019	80	1	0.1098	8.784	
1905306 92555	DB	P	1/2" CTS	425	Less than or equal to 60	Code 1	B	S	3/21/2019	3/21/2019	80	1	0.1098	8.784	
1905310 91766	DB	PC	3/4"	803	Less than or equal to 60	Code 1	B	S	3/21/2019	3/21/2019	80	1	0.1098	8.784	
1905331 91763	MB	UB	2"	815	Less than or equal to 60	Code 1	B	S	3/22/2019	3/22/2019	81	2	0.1098	8.8938	
1905351 90003	MB	UB	3"	1060	Less than or equal to 60	Code 1	B	M	3/21/2019	3/21/2019	1	1	0.1098	0.1098	
1905365 92325	MB	UB	2"	699	Less than or equal to 60	Code 1	B	S	3/22/2019	3/22/2019	81	1	0.1098	8.8938	
1905394 91766-2647	MB	PB	2"	1127	Less than or equal to 60	Code 1	B	M	3/22/2019	3/22/2019	1	1	0.1098	0.1098	
1905395 90044	DB	UC	3/4"	600	Less than or equal to 60	Code 1	B	S	3/22/2019	3/22/2019	81	1	0.1098	8.8938	
1905397 91934	DB	PC	3/4"	791	Less than or equal to 60	Code 1	B	S	3/22/2019	3/22/2019	81	1	0.1098	8.8938	
1905402 91387	MB	P	4"	436	Less than or equal to 60	Code 1	B	S	3/22/2019	3/22/2019	81	1	0.1098	8.8938	
1905444 92707-1199	MB	UC	2"	875	Less than or equal to 60	Code 1	B	M	3/22/2019	3/22/2019	1	1	0.1098	0.1098	
1905474 91345	DB	UB	3/4"	732	Less than or equal to 60	Code 1	B	M	3/23/2019	3/23/2019	1	1	0.1098	0.1098	
1905478 91605	DB	UC	3/4"	797	Less than or equal to 60	Code 1	B	M	3/23/2019	3/23/2019	1	1	0.1098	0.1098	
1905492 92832	MB	PB	3"	1067	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905495 91107-1367	DB	P	1"	486	Less than or equal to 60	Code 1	B	M	3/25/2019	3/25/2019	1	1	0.1098	0.1098	
1905497 90003	MB	UC	3"	1060	Less than or equal to 60	Code 1	B	M	3/25/2019	3/25/2019	1	1	0.1098	0.1098	
1905498 92448	DB	PC	3/4"	527	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905510 91723	DB	UC	3/4"	675	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905528 91214	DB	UC	3/4"	26	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905532 90723	DB	UC	3/4"	788	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905534 90063	DB	UC	2"	795	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	85	1	0.1098	9.333	
1905549 91351	DB	P	1/2" CTS	421	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905561 90670	DB	P	1"	0	Less than or equal to 60	Code 1	B	M	3/25/2019	3/25/2019	1	1	0.1098	0.1098	
1905562 92843	DB	P	1/2" CTS	467	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905565 90221	DB	UC	3/4"	832	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905566 91741	MB	P	2"	446	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905575 92704	DB	PC	3/4"	411	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905604 92223	DB	UC	3/4"	733	Less than or equal to 60	Code 1	B	M	3/25/2019	3/25/2019	1	1	0.1098	0.1098	
1905606 91711-3419	MB	UB	2"	767	Less than or equal to 60	Code 1	B	M	3/25/2019	3/25/2019	1	1	0.1098	0.1098	
1905611 90640	DB	UC	3/4"	892	Less than or equal to 60	Code 1	B	M	3/24/2019	3/24/2019	1	1	0.1098	0.1098	
1905626 90660	DB	P	1"	426	Less than or equal to 60	Code 1	B	S	3/26/2019	3/26/2019	85	1	0.1098	9.333	
1905628 90011	DB	P	1/2" CTS	336	Less than or equal to 60	Code 1	B	S	3/25/2019	3/25/2019	84	1	0.1098	9.2322	
1905640 90221	MB	UB	3"	814	Less than or equal to 60	Code 1	B	S	3/26/2019	3/26/2019	85	1	0.1098	9.333	
1905658 92583	MB	P	3"	450	Less than or equal to 60	Code 1	B	S	3/26/2019	3/27/2019	86	2	0.1098	9.4428	
1905664 90241	MB	UC	2"	1026	Less than or equal to 60	Code 1	B	S	3/26/2019	3/26/2019	85	1	0.1098	9.333	
1905710 92339	DB	UB	3/4"	713	Less than or equal to 60	Code 1	B	M	3/26/2019	3/26/2019	1	1	0.1098	0.1098	
1905717 91763-3708	MB	UB	2"	779	Less than or equal to 60	Code 1	B	M	3/26/2019	3/26/2019	43550	1	1	0.1098	0.1098
1905728 90933	DB	UC	3/4"	768	Less than or equal to 60	Code 1	B	S	3/27/2019	3/27/2019	86	1	0.1098	9.4428	
1905782 91627	DB	P	3"	515	Less than or equal to 60	Code 1	B	S	3/27/2019	3/27/2019	86	1	0.1098	9.4428	
1905740 91744	DB	UC	3/4"	852	Less than or equal to 60	Code 1	B	S	3/27/2019	3/27/2019	1	1	0.1098	0.1098	
1905743 91792	DB	P	2"	485	Less than or equal to 60	Code 1	B	S	3/27/2019	3/27/2019	86	1	0.1098	9.4428	
1905777 90241	MB	UB	2"	863	Less than or equal to 60	Code 1	B	S	3/27/2019	3/27/2019	86	1	0.1098	9.4428	
1905778 90029	DB	PB	3/4"	422	Less than or equal to 60	Code 1	B	M	3/27/2019	3/27/2019	86	1	0.1098	9.4428	
1905813 92801-2119	DB	PC	1"	733	Less than or equal to 60	Code 1	B	S	3/27/2019	3/27/2019	49551	1	1	0.1098	0.1098
1905839 90033	DB	UC	3/4"	768	Less than or equal to 60	Code 1	B	M	3/28/2019	3/28/2019	1	1	0.1098	0.1098	
1905840 93001	DB	P	1"	454	Less than or equal to 60	Code 1	B	S	3/28/2019	3/28/2019	87	1	0.1098	9.5626	
1905849 92832	DB	P	2"	562	Less than or equal to 60	Code 1	B	S	3/29/2019	3/29/2019	88	1	0.1098	9.6624	
1905853 92543	MB	UB	2"	1038	Less than or equal to 60	Code 1	B	S	3/28/2019	3/29/2019	88	2	0.1098	9.6624	
1905879 92325	DB	PB	3/4"	256	Less than or equal to 60	Code 1	B	S	3/28/2019	3/28/2019	1	1	0.1098	9.5626	
1905886 90210	MB	UB	3/4"	1079	Less than or equal to 60	Code 1	B	S	3/28/2019	3/28/2019	43552	1	1	0.1098	0.1098
1905947 90242	MB	UC	2"	980	Less than or equal to 60	Code 1	B	S	3/29/2019	3/29/2019	88	1	0.1098	9.6624	
1905960 90043	DB	UC	3/4"	470	Less than or equal to 60	Code 1	B	S	3/29/2019	3/29/2019	88	1	0.1098	9.6624	
1905967 90033	DB	PC	3/4"	596	Less than or equal to 60	Code 1	B	S	3/29/2019	3/29/2019	89	1	0.1098	9.772	
1905970 90302	MB	PC	1 1/4"	1066	Less than or equal to 60	Code 1	B	S	3/29/2019	3/29/2019	88	1	0.1098	9.6624	
1905981 91305	DB	PC	3/4"	714	Less than or equal to 60	Code 1	B	M	3/29/2019	3/29/2019	1	1	0.1098	0.1098	
1905991 90302	MB	UB	6"	1112	Less than or equal to 60	Code 1	B	S	3/29/2019	3/29/2019	88	1	0.1098	9.6624	
1906002 91775-1420	DB	UB	3/4"	463	Less than or equal to 60	Code 1	B	M	3/29/2019	3/29/2019	1	1	0.1098	0.1098	
1906035 92504-1616	DB	UB	3/4"	766	Less than or equal to 60	Code 1	B	M	3/30/2019	3/30/2019	43554	1	1	0.1098	0.1098
1906041 92354	DB	UC	3/4"	673	Less than or equal to 60	Code 1	B	M	3/31/2019	3/31/2019	1	1	0.1098	0.1098	
1906069 93550	MB	P	2"	398	Less than or equal to 60	Code 1	B	S	4/1/2019	4/1/2019	91	1	0.1098	9.9918	
1906073 91803	MB	P	2"	407	Less than or equal to 60	Code 1	B	S	4/1/2019	4/1/2019	91	1	0.1098	9.9918	
1906074 93591	DB	PC	3/4"	621	Less than or equal to 60	Code 1	B	S	4/1/2019	4/1/2019	91	1	0.1098	9.9918	
1906085 91601	DB	P	2"	108	Less than or equal to 60	Code 1	B	S	4/1/2019	4/1/2019	91	1	0.1098	9.9918	
1906091 91701	DB	PC	3/4"	659	Less than or equal to 60	Code 1	B	S	4/1/2019	4/1/2019	91	1	0.1098	9.9918	
1906115 90631	DB	P	1/2" CTS	781	Less than or equal to 60	Code 1	B	S	4/2/2019	4/2/2019	92	2	0.1098	10.1016	
1906119 90242	DB	UC	3/4"	840	Less than or equal to 60	Code 1	B								

1906640 91105-1106	MB	UC	1"	410	Less than or equal to 60	Code 1	B	M	4/8/2019	4/8/2019	1	1	0.1098	0.1098
1906644 91203	DB	PC	3/4"	544	Less than or equal to 60	Code 1	B	M	4/8/2019	4/8/2019	1	1	0.1098	0.1098
1906650 91235	MB	MB	2"	853	Less than or equal to 60	Code 1	B	M	4/8/2019	4/8/2019	1	1	0.1098	0.1098
1906719 91241	DB	PB	3/4"	860	Less than or equal to 60	Code 1	B	S	4/10/2019	4/10/2019	100	2	0.1098	10.98
1906720 91801	MB	P	2"	434	Less than or equal to 60	Code 1	B	S	4/9/2019	4/9/2019	99	1	0.1098	10.98
1906724 90540	MB	P	2"	441	Less than or equal to 60	Code 1	B	S	4/9/2019	4/9/2019	99	1	0.1098	10.98
1906727 92410	MB	UC	2"	744	Less than or equal to 60	Code 1	B	S	4/9/2019	4/9/2019	99	1	0.1098	10.98
1906743 90403	MB	UB	3"	1163	Less than or equal to 60	Code 1	B	S	4/9/2019	4/9/2019	99	1	0.1098	10.98
1906750 91342	DB	UC	3/4"	649	Less than or equal to 60	Code 1	B	M	4/9/2019	4/9/2019	1	1	0.1098	0.1098
1906769 92376	MB	P	3"	502	Less than or equal to 60	Code 1	B	S	4/9/2019	4/9/2019	99	1	0.1098	10.98
1906776 91775	DB	UC	3/4"	755	Less than or equal to 60	Code 1	B	S	4/10/2019	4/10/2019	100	1	0.1098	10.98
1906781 90604	MB	MB	2"	779	Less than or equal to 60	Code 1	B	S	4/10/2019	4/10/2019	100	1	0.1098	10.98
1906791 92604	MB	P	2"	578	Less than or equal to 60	Code 1	B	S	4/11/2019	4/11/2019	101	2	0.1098	11.098
1906796 91570	DB	P	2"	433	Less than or equal to 60	Code 1	B	S	4/10/2019	4/10/2019	101	1	0.1098	0.1098
1906811 91847	MB	PC	2"	1011	Less than or equal to 60	Code 1	B	S	4/11/2019	4/11/2019	101	1	0.1098	11.098
1906820 90509	DB	UB	3/4"	992	Less than or equal to 60	Code 1	B	S	4/10/2019	4/10/2019	100	1	0.1098	10.98
1906825 91766	MB	UB	3"	0	Less than or equal to 60	Code 1	B	S	4/10/2019	4/11/2019	101	1	0.1098	11.098
1906830 91372	DB	PC	3/4"	0	Less than or equal to 60	Code 1	B	S	4/10/2019	4/10/2019	100	1	0.1098	10.98
1906832 91230	MB	UC	2"	796	Less than or equal to 60	Code 1	B	S	4/10/2019	4/11/2019	101	2	0.1098	11.098
1906834 91773	DB	UC	3/4"	830	Less than or equal to 60	Code 1	B	S	4/10/2019	4/10/2019	100	1	0.1098	10.98
1906845 92507-2631	DB	UC	3/4"	856	Less than or equal to 60	Code 1	B	M	4/10/2019	4/10/2019	1	1	0.1098	0.1098
1906891 92376	DB	P	1/2" CTS	486	Less than or equal to 60	Code 1	B	S	4/11/2019	4/11/2019	101	1	0.1098	11.098
1906904 92553	MB	P	2"	447	Less than or equal to 60	Code 1	B	S	4/11/2019	4/11/2019	101	1	0.1098	11.098
1906913 90266	MB	UC	4"	982	Less than or equal to 60	Code 1	B	M	4/11/2019	4/11/2019	1	1	0.1098	0.1098
1906917 91706	DB	UB	2"	899	Less than or equal to 60	Code 1	B	S	4/11/2019	4/11/2019	101	1	0.1098	11.098
1906920 91549	MB	PC	2"	623	Less than or equal to 60	Code 1	B	S	4/11/2019	4/11/2019	101	1	0.1098	11.098
1906933 91775	DB	UB	3/4"	854	Less than or equal to 60	Code 1	B	S	4/11/2019	4/11/2019	101	1	0.1098	11.098
1906951 90509	MB	UC	3"	966	Less than or equal to 60	Code 1	B	S	4/11/2019	4/12/2019	102	2	0.1098	11.996
1907010 91706	DB	UC	3/4"	646	Less than or equal to 60	Code 1	B	M	4/12/2019	4/12/2019	1	1	0.1098	0.1098
1907013 92325	DB	P	1/2" CTS	0	Less than or equal to 60	Code 1	B	M	4/12/2019	4/12/2019	1	1	0.1098	0.1098
1907010 91763-3048	MB	UB	2"	707	Less than or equal to 60	Code 1	B	M	4/12/2019	4/12/2019	1	1	0.1098	0.1098
1907045 91321	MB	P	2"	338	Less than or equal to 60	Code 1	B	M	4/12/2019	4/12/2019	1	1	0.1098	0.1098
1907077 91241	DB	UC	3/4"	798	Less than or equal to 60	Code 1	B	M	4/13/2019	4/13/2019	1	1	0.1098	0.1098
1907081 90509	DB	UB	1"	818	Less than or equal to 60	Code 1	B	M	4/13/2019	4/13/2019	1	1	0.1098	0.1098
1907107 91436	DB	UC	3/4"	751	Less than or equal to 60	Code 1	B	M	4/15/2019	4/15/2019	1	1	0.1098	0.1098
1907131 91710	MB	UC	2"	1067	Less than or equal to 60	Code 1	B	S	4/15/2019	4/15/2019	105	1	0.1098	11.529
1907131 91741	MB	P	2"	422	Less than or equal to 60	Code 1	B	S	4/15/2019	4/15/2019	105	1	0.1098	11.529
1907150 91775-1420	DB	UC	3/4"	554	Less than or equal to 60	Code 1	B	S	4/15/2019	4/15/2019	1	1	0.1098	0.1098
1907154 91063	MB	P	1"	489	Less than or equal to 60	Code 1	B	S	4/15/2019	4/15/2019	105	1	0.1098	11.529
1907168 91230	DB	PC	3/4"	593	Less than or equal to 60	Code 1	B	M	4/15/2019	4/15/2019	1	1	0.1098	0.1098
1907186 91107	DB	UC	3/4"	1163	Less than or equal to 60	Code 1	B	S	4/16/2019	4/16/2019	1	1	0.1098	11.638
1907198 92651	DB	P	1/2" CTS	491	Less than or equal to 60	Code 1	B	S	4/16/2019	4/16/2019	106	1	0.1098	11.638
1907204 91730	MB	P	2"	339	Less than or equal to 60	Code 1	B	S	4/16/2019	4/16/2019	106	1	0.1098	11.638
1907209 92373	DB	UC	3/4"	813	Less than or equal to 60	Code 1	B	S	4/16/2019	4/16/2019	106	1	0.1098	11.638
1907211 92376	DB	UB	3/4"	764	Less than or equal to 60	Code 1	B	S	4/16/2019	4/16/2019	106	1	0.1098	11.638
1907218 91710	DB	UB	3/4"	936	Less than or equal to 60	Code 1	B	S	4/16/2019	4/16/2019	106	1	0.1098	11.638
1907231 91755	DB	P	3/4"	859	Less than or equal to 60	Code 1	B	S	4/16/2019	4/16/2019	106	1	0.1098	11.638
1907241 92373	DB	UC	3/4"	809	Less than or equal to 60	Code 1	B	S	4/16/2019	4/16/2019	106	1	0.1098	11.638
1907242 90011	DB	UC	1"	38	Less than or equal to 60	Code 1	B	M	4/16/2019	4/16/2019	1	1	0.1098	0.1098
1907250 91560	MB	PC	2"	695	Less than or equal to 60	Code 1	B	M	4/16/2019	4/16/2019	1	1	0.1098	0.1098
1907267 92651	DB	P	1/2" CTS	479	Less than or equal to 60	Code 1	B	S	4/17/2019	4/17/2019	107	1	0.1098	11.746
1907268 91730	MB	UC	2"	983	Less than or equal to 60	Code 1	B	S	4/17/2019	4/17/2019	107	1	0.1098	11.746
1907271 92241	DB	P	1/2" CTS	378	Less than or equal to 60	Code 1	B	S	4/17/2019	4/17/2019	107	1	0.1098	11.746
1907283 91422	DB	P	1/2" CTS	170	Less than or equal to 60	Code 1	B	S	4/17/2019	4/17/2019	107	1	0.1098	11.746
1907290 92251	MB	P	2"	342	Less than or equal to 60	Code 1	B	S	4/17/2019	4/17/2019	107	1	0.1098	11.746
1907291 90509	DB	UC	3/4"	718	Less than or equal to 60	Code 1	B	S	4/17/2019	4/17/2019	107	1	0.1098	11.746
1907303 92626	DB	P	1"	431	Less than or equal to 60	Code 1	B	S	4/17/2019	4/17/2019	107	1	0.1098	11.746
1907308 91746	MB	P	2"	488	Less than or equal to 60	Code 1	B	M	4/17/2019	4/17/2019	1	1	0.1098	0.1098
1907311 91730-3213	DB	UC	3/4"	717	Less than or equal to 60	Code 1	B	M	4/17/2019	4/17/2019	1	1	0.1098	0.1098
1907327 91342	DB	UC	3/4"	649	Less than or equal to 60	Code 1	B	M	4/17/2019	4/17/2019	1	1	0.1098	0.1098
1907334 90006	MB	UC	3"	1058	Less than or equal to 60	Code 1	B	S	4/17/2019	4/18/2019	108	2	0.1098	11.854
1907346 90504	DB	PB	3/4"	900	Less than or equal to 60	Code 1	B	M	4/18/2019	4/18/2019	1	1	0.1098	0.1098
1907364 91755	MB	P	2"	444	Less than or equal to 60	Code 1	B	S	4/18/2019	4/18/2019	108	1	0.1098	11.854
1907374 90006	MB	UC	2"	702	Less than or equal to 60	Code 1	B	S	4/18/2019	4/19/2019	109	2	0.1098	11.962
1907375 90500	DB	UC	3/4"	833	Less than or equal to 60	Code 1	B	S	4/18/2019	4/18/2019	108	1	0.1098	11.854
1907376 91755	DB	UB	3/4"	899	Less than or equal to 60	Code 1	B	S	4/18/2019	4/18/2019	108	1	0.1098	11.854
1907385 91801	MB	UC	2"	831	Less than or equal to 60	Code 1	B	S	4/18/2019	4/19/2019	109	2	0.1098	11.962
1907410 90504	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	4/18/2019	4/18/2019	108	1	0.1098	11.854
1907413 91763	MB	PC	2"	791	Less than or equal to 60	Code 1	B	S	4/18/2019	4/18/2019	108	1	0.1098	11.854
1907415 90011	DB	UC	3/4"	634	Less than or equal to 60	Code 1	B	S	4/18/2019	4/18/2019	108	1	0.1098	11.854
1907417 90003	MB	PC	3"	815	Less than or equal to 60	Code 1	B	S	4/18/2019	4/18/2019	108	1	0.1098	11.854
1907418 91755	MB	P	2"	470	Less than or equal to 60	Code 1	B	S	4/18/2019	4/18/2019	108	1	0.1098	11.854
1907421 91748	DB	UC	3/4"	731	Less than or equal to 60	Code 1	B	M	4/18/2019	4/18/2019	1	1	0.1098	0.1098
1907426 91103	DB	P	1/2" IPS	0	Less than or equal to 60	Code 1	B	S	4/18/2019	4/18/2019	108	1	0.1098	11.854
1907448 92762-6374	DB	PB	3/4"	687	Less than or equal to 60	Code 1	B	M	4/19/2019	4/19/2019	1	1	0.1098	0.1098
1907451 91780-4905	MB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	4/18/2019	4/19/2019	1	1	0.1098	0.1098
1907460 91755	DB	UC	3/4"	819	Less than or equal to 60	Code 1	B	S	4/19/2019	4/19/2019	109	1	0.1098	11.962
1907462 92405	DB	UC	3/4"	822	Less than or equal to 60	Code 1	B	S	4/19/2019	4/19/2019	109	1	0.1098	11.962
1907474 91436	MB	MB	2"	695	Less than or equal to 60	Code 1	B	S	4/19/2019	4/19/2019	109	1	0.1098	11.962
1907485 90701	MB	UC	2"	811	Less than or equal to 60	Code 1	B	S	4/19/2019	4/19/2019	109	1	0.1098	11.962
1907489 91340	DB	Unknown	3/4"	26	Less than or equal to 60	Code 1	B	S	4/19/2019	4/19/2019	109	1	0.1098	11.962
1907495 91442	MB	UB	2"	875	Less than or equal to 60	Code 1	B	S	4/19/2019	4/19/2019	109	2	0.1098	11.962
1907518 91309	DB	PC	3/4"	552	Less than or equal to 60	Code 1	B	S	4/19/2019	4/19/2019	109	1	0.1098	11.962
1907522 91042	MB	UB	2"	1129	Less than or equal to 60	Code 1	B	S	4/19/2019	4/19/2019	109	1	0.1098	11.962
1907543 91035	MB	UB	2"	659	Less than or equal to 60	Code 1	B	M	4/20/2019	4/20/2019	1	1	0.1098	0.1098
1907567 92882-4040	DB	PC	3/4"	647	Less than or equal to 60	Code 1	B	M	4/20/201					

1908007	92404	DB	UB	3/4"	448	Less than or equal to 60	Code 1	B	S	4/25/2019	4/25/2019	115	1	0.1098	12.627
1908021	90723	DB	UC	1"	70	Less than or equal to 60	Code 1	B	M	4/25/2019	4/25/2019	1	1	0.1098	0.1098
1908031	92460-2425	MB	P	2"	421	Less than or equal to 60	Code 1	B	M	4/25/2019	4/25/2019	1	1	0.1098	0.1098
1908049	92595	DB	P	1/2" IPS	501	Less than or equal to 60	Code 1	B	S	4/26/2019	4/26/2019	116	1	0.1098	12.788
1908052	91340	MB	UB	2"	779	Less than or equal to 60	Code 1	B	S	4/26/2019	4/26/2019	116	1	0.1098	12.788
1908054	92346	DB	UB	3/4"	675	Less than or equal to 60	Code 1	B	M	4/26/2019	4/26/2019	1	1	0.1098	0.1098
1908055	91042	DB	UC	3/4"	798	Less than or equal to 60	Code 1	B	S	4/26/2019	4/26/2019	116	1	0.1098	12.788
1908056	91732	MB	P	2"	381	Less than or equal to 60	Code 1	B	S	4/26/2019	4/26/2019	116	1	0.1098	12.788
1908084	90280	MB	UC	2"	835	Less than or equal to 60	Code 1	B	S	4/26/2019	4/26/2019	116	1	0.1098	12.788
1908111	90201	DB	PB	3/4"	0	Greater than 60	Code 1	B	M	4/26/2019	4/26/2019	1	1	0.1098	0.1098
1908127	91607	DB	UB	3/4"	753	Less than or equal to 60	Code 1	B	S	4/27/2019	4/27/2019	117	1	0.1098	12.846
1908133	90230	MB	P	2"	815	Less than or equal to 60	Code 1	B	S	4/27/2019	4/27/2019	117	1	0.1098	12.846
1908134	91330-2515	DB	UB	3/4"	631	Less than or equal to 60	Code 1	B	M	4/27/2019	4/27/2019	1	1	0.1098	0.1098
1908142	92700-7701	DB	PC	3/4"	743	Less than or equal to 60	Code 1	B	M	4/27/2019	4/27/2019	1	1	0.1098	0.1098
1908144	90230	MB	PC	4"	827	Less than or equal to 60	Code 1	B	M	4/28/2019	4/28/2019	1	1	0.1098	0.1098
1908145	92316-1701	MB	UB	2"	754	Less than or equal to 60	Code 1	B	M	4/28/2019	4/28/2019	1	1	0.1098	0.1098
1908155	92346	DB	UC	3/4"	875	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	120	1	0.1098	13.176
1908171	92570	MB	P	3"	462	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	119	1	0.1098	13.062
1908172	93458	DB	UC	2"	731	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	120	2	0.1098	13.176
1908179	92509	DB	UC	3/4"	930	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	120	3	0.1098	13.176
1908180	91306	DB	PC	3/4"	775	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	119	1	0.1098	13.062
1908187	91042	DB	UC	1"	0	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	119	1	0.1098	13.062
1908193	91607	DB	P	1/2" CTS	448	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	119	1	0.1098	13.062
1908202	91006	DB	UC	3/4"	774	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	119	1	0.1098	13.062
1908211	90280	MB	UC	2"	989	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	119	1	0.1098	13.062
1908223	90241	MB	UC	2"	848	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	119	1	0.1098	13.062
1908246	90033	DB	UC	3/4"	698	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	119	1	0.1098	13.062
1908255	91001-2325	MB	UB	2"	778	Less than or equal to 60	Code 1	B	M	4/29/2019	4/29/2019	1	1	0.1098	0.1098
1908260	91334	DB	UC	3/4"	629	Less than or equal to 60	Code 1	B	S	4/29/2019	4/29/2019	119	1	0.1098	13.062
1908263	91309	DB	P	1"	0	Less than or equal to 60	Code 1	B	M	4/29/2019	4/29/2019	1	1	0.1098	0.1098
1908273	90046-2112	DB	UB	3/4"	751	Less than or equal to 60	Code 1	B	M	4/29/2019	4/29/2019	1	1	0.1098	0.1098
1908287	91370	DB	UC	2"	847	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	120	1	0.1098	13.176
1908291	90031	DB	UC	3/4"	628	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	121	2	0.1098	13.258
1908292	92841	MB	UC	2"	791	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	120	1	0.1098	13.176
1908296	90362	DB	PC	3/4"	822	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	120	1	0.1098	13.176
1908322	91320	MB	PC	2"	979	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	122	3	0.1098	13.356
1908326	90088	DB	UC	2"	735	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	120	1	0.1098	13.176
1908335	91225	DB	UB	2"	615	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	1	1	0.1098	0.1098
1908344	90302	MB	PC	2"	949	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	120	1	0.1098	13.176
1908349	91230	MB	PC	2"	996	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	121	2	0.1098	13.258
1908354	91230	DB	PC	2"	758	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	119	1	0.1098	13.062
1908359	90706	MB	UC	1 1/4"	16	Less than or equal to 60	Code 1	B	S	4/30/2019	4/30/2019	122	3	0.1098	13.356
1908360	90630-6607	DB	UC	3/4"	816	Less than or equal to 60	Code 1	B	M	4/30/2019	4/30/2019	1	1	0.1098	0.1098
1908381	91235	DB	PC	3/4"	0	Less than or equal to 60	Code 1	B	M	4/30/2019	4/30/2019	1	1	0.1098	0.1098
1908391	92270	DB	Unknown	3/4"	416	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	121	1	0.1098	13.258
1908398	91767	DB	UB	1 1/4"	1120	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	121	1	0.1098	13.258
1908400	91104	MB	UB	3/4"	738	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	122	1	0.1098	13.356
1908445	91755	MB	P	2"	426	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	121	1	0.1098	13.258
1908446	91362	MB	PC	2"	767	Less than or equal to 60	Code 1	B	M	5/1/2019	5/1/2019	1	1	0.1098	0.1098
1908479	92333	DB	P	1/2" CTS	425	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	122	1	0.1098	13.356
1908484	91203	DB	UB	3/4"	1268	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	122	1	0.1098	13.356
1908504	92870	DB	PC	3/4"	691	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	122	1	0.1098	13.356
1908511	90057	MB	PC	3/4"	712	Less than or equal to 60	Code 1	B	M	5/1/2019	5/1/2019	1	1	0.1098	0.1098
1908548	90304	MB	PB	4"	1149	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	123	2	0.1098	13.504
1908570	91316	DB	UC	3/4"	803	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	1	1	0.1098	0.1098
1908602	92703	DB	UC	3/4"	719	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	123	1	0.1098	13.504
1908614	91101	DB	PC	3/4"	793	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	123	1	0.1098	13.504
1908626	92211	MB	P	1"	422	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	123	1	0.1098	13.504
1908641	91780-4337	DB	UC	3/4"	731	Less than or equal to 60	Code 1	B	S	5/1/2019	5/1/2019	1	1	0.1098	0.1098
1908667	91709-3105	DB	UC	3/4"	725	Less than or equal to 60	Code 1	B	M	5/1/2019	5/1/2019	1	1	0.1098	0.1098
1908666	92636	MB	P	2"	391	Less than or equal to 60	Code 1	B	M	5/1/2019	5/1/2019	1	1	0.1098	0.1098
1908671	90012	MB	UB	6"	916	Less than or equal to 60	Code 1	B	M	5/1/2019	5/1/2019	1	1	0.1098	0.1098
1908677	92410-1541	DB	P	1/2" CTS	40	Less than or equal to 60	Code 1	B	M	5/1/2019	5/1/2019	1	1	0.1098	0.1098
1908701	92696	DB	P	2"	521	Less than or equal to 60	Code 1	B	S	5/6/2019	5/6/2019	126	1	0.1098	13.248
1908702	92410-4616	DB	UC	3/4"	849	Less than or equal to 60	Code 1	B	S	5/6/2019	5/6/2019	1	1	0.1098	0.1098
1908709	91506	DB	UC	3/4"	1007	Less than or equal to 60	Code 1	B	M	5/6/2019	5/6/2019	1	1	0.1098	0.1098
1908710	90039	MB	P	2"	821	Less than or equal to 60	Code 1	B	S	5/6/2019	5/6/2019	128	5	0.1098	14.054
1908726	92316	DB	UB	3/4"	782	Less than or equal to 60	Code 1	B	S	5/6/2019	5/7/2019	127	2	0.1098	13.946
1908748	90306	MB	UC	2"	910	Less than or equal to 60	Code 1	B	S	5/6/2019	5/7/2019	127	2	0.1098	13.946
1908749	90210	MB	UC	2"	629	Less than or equal to 60	Code 1	B	S	5/6/2019	5/6/2019	126	1	0.1098	13.846
1908776	91350	MB	P	2"	434	Less than or equal to 60	Code 1	B	S	5/7/2019	5/7/2019	127	1	0.1098	13.946
1908785	92346	DB	P	1/2" CTS	461	Less than or equal to 60	Code 1	B	S	5/7/2019	5/7/2019	127	1	0.1098	13.946
1908802	91312	DB	P	1/2" CTS	492	Less than or equal to 60	Code 1	B	S	5/7/2019	5/7/2019	127	1	0.1098	13.946
1908809	91208	DB	UB	3/4"	657	Less than or equal to 60	Code 1	B	M	5/7/2019	5/7/2019	1	1	0.1098	0.1098
1908810	91352	DB	UC	3/4"	842	Less than or equal to 60	Code 1	B	S	5/7/2019	5/7/2019	127	1	0.1098	13.946
1908824	91792	DB	UB	1/2" IPS	495	Less than or equal to 60	Code 1	B	S	5/7/2019	5/7/2019	127	1	0.1098	13.946
1908833	92620	MB	P	3"	487	Less than or equal to 60	Code 1	B	S	5/7/2019	5/7/2019	127	1	0.1098	13.946
1908842	91230	DB	PC	3/4"	0	Greater than 60	Code 1	B	S	5/7/2019	5/7/2019	128	2	0.1098	14.054
1908886	90071-2300	DB	UB	8"	861	Less than or equal to 60	Code 1	B	M	5/8/2019	5/8/2019	1	1	0.1098	0.1098
1908888	91768	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	5/8/2019	5/8/2019	128	1	0.1098	14.054
1908899	92672	MB	P	2"	408	Less than or equal to 60	Code 1	B	S	5/8/2019	5/8/2019	128	1	0.1098	14.054
1908901	90378	MB	UB	2"	680	Less than or equal to 60	Code 1	B	S	5/8/2019	5/8/2019	1	1	0.1098	0.1098
1908908	91263	DB	PC	3/4"	462	Less than or equal to 60	Code 1	B	M	5/8/2019	5/8/2019	1	1	0.1098	0.1098
1908920	90703	DB	P	1/2" CTS	388	Less than or equal to 60									

1909415	91767	MB	UB	2"	815	Less than or equal to 60	Code 1	B	S	5/15/2019	5/15/2019	135	1	0.1098	14.823
1909417	90712	MB	UC	2"	835	Less than or equal to 60	Code 1	B	S	5/15/2019	5/15/2019	135	1	0.1098	14.823
1909419	92130	DB	UC	3/4"	668	Less than or equal to 60	Code 1	B	S	5/15/2019	5/15/2019	135	1	0.1098	14.823
1909426	92408	MB	P	2"	55	Less than or equal to 60	Code 1	B	S	5/15/2019	5/15/2019	135	1	0.1098	14.823
1909429	92325	DB	UB	3/4"	680	Less than or equal to 60	Code 1	B	S	5/15/2019	5/15/2019	135	1	0.1098	14.823
1909464	91380	DB	PC	3/4"	812	Less than or equal to 60	Code 1	B	S	5/15/2019	5/15/2019	135	1	0.1098	14.823
1909466	90640	MB	UC	2"	883	Less than or equal to 60	Code 1	B	S	5/15/2019	5/15/2019	135	1	0.1098	14.823
1909475	90032	DB	UC	3/4"	860	Less than or equal to 60	Code 1	B	S	5/15/2019	5/15/2019	135	1	0.1098	14.823
1909521	92143	DB	UC	1"	0	Less than or equal to 60	Code 1	B	S	5/16/2019	5/16/2019	136	1	0.1098	14.828
1909523	90660-4269	DB	UC	3/4"	797	Less than or equal to 60	Code 1	B	M	5/15/2019	43600	136	1	0.1098	14.828
1909540	92570	MB	P	2"	467	Less than or equal to 60	Code 1	B	S	5/16/2019	5/16/2019	136	1	0.1098	14.828
1909541	91550	DB	UC	2"	0	Less than or equal to 60	Code 1	B	S	5/16/2019	5/16/2019	136	1	0.1098	14.828
1909546	90405	MB	P	1"	456	Less than or equal to 60	Code 1	B	S	5/16/2019	5/16/2019	136	1	0.1098	14.828
1909554	92204	DB	UB	3/4"	337	Less than or equal to 60	Code 1	B	S	5/17/2019	5/17/2019	137	1	0.1098	15.0426
1909562	90712	DB	UC	3/4"	813	Less than or equal to 60	Code 1	B	M	5/16/2019	43601	137	1	0.1098	15.0426
1909599	91001	DB	UB	1"	863	Less than or equal to 60	Code 1	B	S	5/17/2019	5/17/2019	137	1	0.1098	15.0426
1909604	92411	DB	UC	3/4"	720	Less than or equal to 60	Code 1	B	S	5/17/2019	5/17/2019	137	1	0.1098	15.0426
1909668	91380	DB	PC	3/4"	877	Less than or equal to 60	Code 1	B	S	5/18/2019	5/18/2019	138	1	0.1098	15.1524
1909685	92544-5372	MB	P	3"	486	Less than or equal to 60	Code 1	B	M	5/19/2019	43604	138	1	0.1098	15.1524
1909691	91767	MB	UB	2"	815	Less than or equal to 60	Code 1	B	S	5/20/2019	5/20/2019	140	1	0.1098	15.372
1909718	91775	DB	UB	3/4"	682	Less than or equal to 60	Code 1	B	S	5/20/2019	5/20/2019	140	1	0.1098	15.372
1909721	91789	DB	P	2"	506	Less than or equal to 60	Code 1	B	M	5/20/2019	43605	140	1	0.1098	15.372
1909724	92706	DB	P	1/2" CTS	404	Less than or equal to 60	Code 1	B	S	5/20/2019	5/20/2019	140	1	0.1098	15.372
1909730	91204	DB	UC	3/4"	638	Less than or equal to 60	Code 1	B	S	5/20/2019	5/20/2019	140	1	0.1098	15.372
1909738	92277	MB	P	4"	474	Less than or equal to 60	Code 1	B	S	5/20/2019	5/20/2019	141	2	0.1098	15.4818
1909746	90011	DB	UC	1"	0	Less than or equal to 60	Code 1	B	S	5/20/2019	5/20/2019	140	1	0.1098	15.372
1909763	91770	MB	UB	2"	875	Less than or equal to 60	Code 1	B	S	5/20/2019	5/21/2019	141	2	0.1098	15.4818
1909775	91764	MB	MB	2"	767	Less than or equal to 60	Code 1	B	S	5/20/2019	5/20/2019	140	1	0.1098	15.372
1909792	90230	MB	P	2"	384	Less than or equal to 60	Code 1	B	S	5/21/2019	5/21/2019	141	1	0.1098	15.4818
1909802	91204	MB	P	2"	449	Less than or equal to 60	Code 1	B	S	5/21/2019	5/21/2019	141	1	0.1098	15.4818
1909804	90027	DB	P	1/2" CTS	505	Less than or equal to 60	Code 1	B	S	5/21/2019	5/21/2019	142	2	0.1098	15.5916
1909805	90023	MB	PC	3"	980	Less than or equal to 60	Code 1	B	S	5/21/2019	5/21/2019	142	2	0.1098	15.5916
1909809	90248	DB	P	2"	478	Less than or equal to 60	Code 1	B	S	5/21/2019	5/21/2019	141	1	0.1098	15.4818
1909818	91691	DB	PC	3/4"	611	Less than or equal to 60	Code 1	B	S	5/21/2019	5/21/2019	141	1	0.1098	15.4818
1909824	91277	DB	PC	3/4"	523	Less than or equal to 60	Code 1	B	S	5/21/2019	5/21/2019	141	1	0.1098	15.4818
1909828	90027	MB	P	2"	444	Less than or equal to 60	Code 1	B	S	5/21/2019	5/22/2019	142	2	0.1098	15.5916
1909844	90242-1337	DB	UC	3/4"	587	Less than or equal to 60	Code 1	B	M	5/21/2019	5/21/2019	141	1	0.1098	15.098
1909891	91731	MB	UB	2"	971	Less than or equal to 60	Code 1	B	S	5/22/2019	5/22/2019	142	1	0.1098	15.5916
1909895	91354	DB	P	1/2" IPS	535	Less than or equal to 60	Code 1	B	S	5/22/2019	5/22/2019	142	1	0.1098	15.5916
1909896	91352	DB	UC	3/4"	887	Less than or equal to 60	Code 1	B	S	5/22/2019	5/22/2019	142	1	0.1098	15.5916
1909898	90255	MB	UC	3"	1192	Less than or equal to 60	Code 1	B	S	5/22/2019	5/23/2019	143	1	0.1098	15.7014
1909902	91001	MB	UC	3"	737	Less than or equal to 60	Code 1	B	S	5/22/2019	5/23/2019	143	2	0.1098	15.7014
1909911	92821	MB	P	2"	62	Less than or equal to 60	Code 1	B	S	5/22/2019	5/22/2019	142	1	0.1098	15.5916
1909914	92870	DB	P	2"	287	Less than or equal to 60	Code 1	B	S	5/22/2019	5/22/2019	142	1	0.1098	15.5916
1909918	91763-3214	DB	UC	3/4"	707	Less than or equal to 60	Code 1	B	M	5/22/2019	5/22/2019	143	1	0.1098	15.7014
1909940	92277	MB	P	2"	524	Less than or equal to 60	Code 1	B	S	5/22/2019	5/22/2019	143	2	0.1098	15.7014
1909957	92008-1378	MB	P	2"	348	Less than or equal to 60	Code 1	B	M	5/22/2019	5/22/2019	143	1	0.1098	15.7014
1909960	91709	MB	P	2"	463	Less than or equal to 60	Code 1	B	S	5/23/2019	5/23/2019	143	1	0.1098	15.7014
1909971	91040	MB	UC	2"	938	Less than or equal to 60	Code 1	B	S	5/23/2019	5/23/2019	143	1	0.1098	15.7014
1909977	91230	DB	UC	3/4"	959	Less than or equal to 60	Code 1	B	S	5/23/2019	5/24/2019	144	1	0.1098	15.8112
1909982	90222	MB	UC	2"	1113	Less than or equal to 60	Code 1	B	S	5/23/2019	5/23/2019	143	1	0.1098	15.7014
1909986	91504	DB	UC	3/4"	824	Less than or equal to 60	Code 1	B	S	5/23/2019	5/23/2019	143	1	0.1098	15.7014
1909999	90712	DB	UC	3/4"	816	Less than or equal to 60	Code 1	B	S	5/23/2019	5/24/2019	144	2	0.1098	15.8112
1910009	92705	MB	P	2"	557	Less than or equal to 60	Code 1	B	S	5/23/2019	5/24/2019	144	2	0.1098	15.8112
1910026	91277	MB	P	2"	359	Less than or equal to 60	Code 1	B	S	5/23/2019	5/23/2019	143	1	0.1098	15.7014
1910028	91803-3041	MB	UB	1"	1103	Less than or equal to 60	Code 1	B	M	5/23/2019	5/23/2019	143	1	0.1098	15.7014
1910034	90002	DB	PC	3/4"	0	Less than or equal to 60	Code 1	B	M	5/23/2019	43608	143	1	0.1098	15.7014
1910036	92709-2755	MB	UC	3/4"	719	Less than or equal to 60	Code 1	B	S	5/23/2019	5/23/2019	143	1	0.1098	15.7014
1910062	91217	DB	UC	3/4"	971	Less than or equal to 60	Code 1	B	S	5/24/2019	5/24/2019	144	1	0.1098	15.8112
1910072	91001	MB	UB	3"	737	Less than or equal to 60	Code 1	B	S	5/24/2019	5/24/2019	144	1	0.1098	15.8112
1910082	90017	MB	PC	6"	841	Less than or equal to 60	Code 1	B	S	5/24/2019	5/27/2019	147	4	0.1098	16.406
1910083	90003	MB	UC	2"	1156	Less than or equal to 60	Code 1	B	S	5/24/2019	5/24/2019	144	1	0.1098	15.8112
1910084	91764	DB	P	1/2" IPS	435	Less than or equal to 60	Code 1	B	S	5/24/2019	5/24/2019	144	1	0.1098	15.8112
1910090	91730	MB	UB	4"	720	Less than or equal to 60	Code 1	B	S	5/24/2019	5/24/2019	144	1	0.1098	15.8112
1910095	90003	DB	PC	3/4"	911	Less than or equal to 60	Code 1	B	S	5/25/2019	5/25/2019	145	1	0.1098	15.921
1910111	90026	MB	UB	1"	836	Less than or equal to 60	Code 1	B	S	5/24/2019	5/25/2019	145	2	0.1098	15.921
1910121	92929	MB	UC	2"	2063	Less than or equal to 60	Code 1	B	S	5/24/2019	5/25/2019	145	1	0.1098	15.921
1910124	90003	MB	UC	2"	1156	Less than or equal to 60	Code 1	B	S	5/24/2019	5/25/2019	145	2	0.1098	15.921
1910131	91755	DB	P	2"	381	Less than or equal to 60	Code 1	B	M	5/24/2019	5/24/2019	145	1	0.1098	15.921
1910142	91001-3229	MB	UB	1 1/4"	717	Less than or equal to 60	Code 1	B	S	5/25/2019	5/25/2019	145	1	0.1098	15.921
1910146	90006	DB	UC	3/4"	749	Less than or equal to 60	Code 1	B	S	5/25/2019	5/25/2019	145	1	0.1098	15.921
1910148	90300	DB	P	1/2" CTS	456	Less than or equal to 60	Code 1	B	S	5/25/2019	5/25/2019	145	1	0.1098	15.921
1910149	90037	MB	UB	3/4"	358	Less than or equal to 60	Code 1	B	S	5/25/2019	5/25/2019	145	1	0.1098	15.921
1910162	91423	DB	PC	1"	416	Less than or equal to 60	Code 1	B	S	5/25/2019	5/25/2019	145	1	0.1098	15.921
1910167	92346-1787	MB	UC	2"	598	Less than or equal to 60	Code 1	B	M	5/25/2019	5/25/2019	145	1	0.1098	15.921
1910180	91108-1801	MB	UC	3/4"	971	Less than or equal to 60	Code 1	B	S	5/27/2019	5/27/2019	146	1	0.1098	16.098
1910183	90712-4007	DB	PC	3/8"	668	Less than or equal to 60	Code 1	B	M	5/27/2019	5/27/2019	146	1	0.1098	16.098
1910189	91790	DB	UB	3/4"	146	Less than or equal to 60	Code 1	B	S	5/28/2019	5/28/2019	148	1	0.1098	16.2504
1910198	90222	MB	UB	2"	791	Less than or equal to 60	Code 1	B	S	5/28/2019	5/28/2019	148	1	0.1098	16.2504
1910211	90712	DB	UC	3/4"	835	Less than or equal to 60	Code 1	B	S	5/28/2019	5/28/2019	148	1	0.1098	16.2504
1910229	91040	DB	UC	1"	7	Less than or equal to 60	Code 1	B	S	5/28/2019	5/28/2019	148	1	0.1098	16.2504
1910234	90045	DB	PC	3/4"	893	Less than or equal to 60	Code 1	B	S	5/28/2019	5/28/2019	148	1	0.1098	16.2504
1910235	90022	MB	P	2"	436	Less than or equal to 60	Code 1	B	S						

1910548	93534	DB	UC	3/4"	806	Less than or equal to 60	Code 1	B	S	5/31/2019	5/31/2019	151	1	0.1098	16.5798
1910550	91103	DB	P	1/2" CTS	429	Less than or equal to 60	Code 1	B	S	5/31/2019	5/31/2019	151	1	0.1098	16.5798
1910551	91387	DB	PC	3/4"	711	Less than or equal to 60	Code 1	B	S	5/31/2019	5/31/2019	151	1	0.1098	16.5798
1910570	90007	MB	PB	3"	818	Less than or equal to 60	Code 1	B	S	5/31/2019	5/31/2019	151	1	0.1098	16.5798
1910580	90033	MB	P	4"	338	Less than or equal to 60	Code 1	B	S	5/31/2019	5/31/2019	151	1	0.1098	16.5798
1910598	90027	DB	UC	1"	753	Less than or equal to 60	Code 1	S	S	5/31/2019	5/31/2019	151	1	0.1098	16.5798
1910626	93065-5604	DB	P	1/2" IPS	522	Less than or equal to 60	Code 1	B	M	6/1/2019	6/1/2019	1	1	0.1098	0.1098
1910629	91277	MB	P	2"	496	Less than or equal to 60	Code 1	B	S	6/1/2019	6/1/2019	153	2	0.1098	16.7994
1910630	91764	DB	UB	3/4"	746	Less than or equal to 60	Code 1	B	M	6/3/2019	6/3/2019	1	1	0.1098	0.1098
1910662	91801	MB	UB	4"	0	Less than or equal to 60	Code 1	B	S	6/3/2019	6/3/2019	154	1	0.1098	16.9092
1910662	91801	MB	UB	4"	0	Less than or equal to 60	Code 1	B	S	6/3/2019	6/3/2019	154	1	0.1098	16.9092
1910685	91411	DB	P	1"	0	Less than or equal to 60	Code 1	B	M	6/3/2019	6/3/2019	154	1	0.1098	0.1098
1910695	92406-2107	DB	P	1/2" IPS	554	Less than or equal to 60	Code 1	B	M	6/3/2019	6/3/2019	1	1	0.1098	0.1098
1910701	90274	DB	UC	3/4"	539	Less than or equal to 60	Code 1	B	S	6/3/2019	6/3/2019	154	1	0.1098	16.9092
1910726	91325	DB	UB	3/4"	748	Less than or equal to 60	Code 1	B	S	6/3/2019	6/3/2019	154	1	0.1098	16.9092
1910741	91020	DB	UC	3/4"	672	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	155	1	0.1098	17.019
1910755	90746	DB	PC	3/4"	660	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	155	1	0.1098	17.019
1910765	93215	DB	PC	3/4"	850	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	155	1	0.1098	17.019
1910770	90027	MB	UC	2"	678	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	155	1	0.1098	17.019
1910776	91724	DB	PC	1/2" IPS	509	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	155	1	0.1098	17.019
1910789	93306-3633	DB	PC	3/8"	677	Less than or equal to 60	Code 1	B	M	6/4/2019	6/4/2019	1	1	0.1098	0.1098
1910790	91801	MB	UB	2"	952	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	155	1	0.1098	17.019
1910797	90020	DB	UC	3/4"	225	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	155	1	0.1098	17.019
1910800	90248	MB	PC	4"	627	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	156	2	0.1098	17.1288
1910822	90039	DB	UC	3/4"	438	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	155	1	0.1098	17.019
1910833	90744	MB	UC	2"	1121	Less than or equal to 60	Code 1	B	S	6/4/2019	6/4/2019	156	2	0.1098	17.1288
1910851	92553	MB	P	2"	433	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	157	2	0.1098	17.2386
1910878	90027	MB	UB	4"	1308	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	156	1	0.1098	17.2386
1910923	93401	MB	PC	10"	512	Less than or equal to 60	Code 1	S	S	6/6/2019	6/6/2019	157	1	0.1098	17.2386
1910933	90024	MB	P	8"	54	Less than or equal to 60	Code 1	B	M	6/6/2019	6/6/2019	43621	1	0.1098	0.1098
1910998	91103	DB	P	1/2" CTS	529	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	157	1	0.1098	17.2386
1910998	91803	DB	PC	3/4"	797	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	157	1	0.1098	17.2386
1910967	90241	DB	UC	3/4"	785	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	157	1	0.1098	17.2386
1910989	92691	DB	P	1/2" CTS	497	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	157	1	0.1098	17.2386
1910974	91264	DB	UC	3/4"	972	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	157	1	0.1098	17.2386
1910975	90008	MB	UC	6"	1097	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	157	1	0.1098	17.2386
1910980	92503	MB	P	2"	506	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	157	1	0.1098	17.2386
1911011	92865	MB	UB	2"	671	Less than or equal to 60	Code 1	B	S	6/6/2019	6/6/2019	158	1	0.1098	17.4484
1911035	90706	DB	UC	3/4"	904	Less than or equal to 60	Code 1	B	M	6/7/2019	6/7/2019	43623	1	0.1098	0.1098
1911046	92320	MB	P	3"	455	Less than or equal to 60	Code 1	B	S	6/7/2019	6/7/2019	158	1	0.1098	17.4484
1911071	90403	MB	UB	3"	1091	Less than or equal to 60	Code 1	B	S	6/7/2019	6/7/2019	158	1	0.1098	17.4484
1911073	91776	MB	UB	4"	1247	Less than or equal to 60	Code 1	B	S	6/8/2019	6/8/2019	159	2	0.1098	17.4582
1911081	92804	DB	UC	3/4"	772	Less than or equal to 60	Code 1	B	S	6/7/2019	6/7/2019	158	1	0.1098	17.4484
1911090	90717	MB	PC	10"	9255	Less than or equal to 60	Code 1	B	S	6/8/2019	6/8/2019	159	1	0.1098	17.4582
1911099	90403	MB	PC	2"	1019	Less than or equal to 60	Code 1	B	S	6/7/2019	6/7/2019	158	1	0.1098	17.4484
1911108	90262-3010	DB	UC	1"	0	Less than or equal to 60	Code 1	B	M	6/7/2019	6/7/2019	1	1	0.1098	0.1098
1911110	91020-1224	DB	UC	3/4"	862	Less than or equal to 60	Code 1	B	M	6/7/2019	6/7/2019	1	1	0.1098	0.1098
1911116	93309	MB	P	2"	528	Less than or equal to 60	Code 1	B	S	6/8/2019	6/8/2019	159	1	0.1098	17.4582
1911116	91325-2623	DB	P	1/2" IPS	26	Less than or equal to 60	Code 1	B	M	6/8/2019	6/8/2019	1	1	0.1098	0.1098
1911121	90034-2002	MB	PC	4"	1107	Less than or equal to 60	Code 1	B	S	6/8/2019	6/8/2019	1	1	0.1098	0.1098
1911198	92408	DB	UB	3/4"	760	Less than or equal to 60	Code 1	B	S	6/10/2019	6/10/2019	161	1	0.1098	17.6778
1911199	91792	DB	UC	3/4"	589	Less than or equal to 60	Code 1	B	S	6/10/2019	6/10/2019	161	1	0.1098	17.6778
1911201	91762-4135	DB	UB	2"	883	Less than or equal to 60	Code 1	B	M	6/11/2019	6/11/2019	1	1	0.1098	0.1098
1911262	92220	MB	UB	2"	855	Less than or equal to 60	Code 1	B	S	6/11/2019	6/11/2019	162	1	0.1098	17.7876
1911271	90027	DB	UC	3/4"	770	Less than or equal to 60	Code 1	B	S	6/11/2019	6/11/2019	162	1	0.1098	17.7876
1911275	90703	DB	P	1/2" CTS	368	Less than or equal to 60	Code 1	B	S	6/11/2019	6/11/2019	162	1	0.1098	17.7876
1911278	90703	DB	P	1/2" CTS	375	Less than or equal to 60	Code 1	B	S	6/11/2019	6/11/2019	162	1	0.1098	17.7876
1911287	92705	MB	P	2"	731	Less than or equal to 60	Code 1	B	S	6/11/2019	6/11/2019	163	2	0.1098	17.8974
1911287	90401	MB	UB	2"	815	Less than or equal to 60	Code 1	B	S	6/11/2019	6/11/2019	162	1	0.1098	17.7876
1911303	90278-1733	DB	P	1/2" IPS	6	Less than or equal to 60	Code 1	B	M	6/11/2019	6/11/2019	1	1	0.1098	0.1098
1911313	90004	MB	PC	6"	738	Less than or equal to 60	Code 1	B	M	6/11/2019	6/11/2019	1	1	0.1098	0.1098
1911323	93101-1231	DB	P	1/2" IPS	575	Less than or equal to 60	Code 1	B	M	6/11/2019	6/11/2019	1	1	0.1098	0.1098
1911339	91766	MB	UB	2"	703	Less than or equal to 60	Code 1	B	S	6/12/2019	6/12/2019	163	1	0.1098	17.8974
1911377	90033	MB	UB	2"	635	Less than or equal to 60	Code 1	B	S	6/12/2019	6/12/2019	164	2	0.1098	18.0072
1911398	92501	DB	PC	3/4"	794	Less than or equal to 60	Code 1	B	S	6/12/2019	6/12/2019	163	1	0.1098	17.8974
1911413	91766	MB	P	3"	422	Less than or equal to 60	Code 1	B	S	6/12/2019	6/12/2019	164	2	0.1098	18.0072
1911415	90025	MB	PC	10"	1162	Less than or equal to 60	Code 1	B	S	6/12/2019	6/12/2019	163	1	0.1098	17.8974
1911426	93309	MB	P	2"	512	Less than or equal to 60	Code 1	B	S	6/12/2019	6/12/2019	163	1	0.1098	17.8974
1911460	91723	DB	UC	1"	299	Less than or equal to 60	Code 1	B	M	6/12/2019	6/12/2019	1	1	0.1098	0.1098
1911495	92325	DB	UC	1/2" CTS	374	Less than or equal to 60	Code 1	B	S	6/13/2019	6/13/2019	164	1	0.1098	18.0072
1911538	90606	MB	UC	2"	911	Less than or equal to 60	Code 1	B	S	6/13/2019	6/13/2019	164	1	0.1098	18.0072
1911557	91247-2135	DB	UC	3/4"	815	Less than or equal to 60	Code 1	B	M	6/13/2019	6/13/2019	43629	1	0.1098	0.1098
1911571	90004	MB	UC	1/2" CTS	400	Less than or equal to 60	Code 1	B	S	6/14/2019	6/14/2019	165	1	0.1098	18.117
1911578	91325	DB	UC	3/4"	792	Less than or equal to 60	Code 1	B	S	6/14/2019	6/14/2019	165	1	0.1098	18.117
1911588	90042	MB	UC	2"	682	Less than or equal to 60	Code 1	B	M	6/14/2019	6/14/2019	1	1	0.1098	0.1098
1911604	90008	MB	UB	2"	1072	Less than or equal to 60	Code 1	B	S	6/14/2019	6/14/2019	165	1	0.1098	18.117
1911609	93422	MB	UB	2"	815	Less than or equal to 60	Code 1	B	S	6/14/2019	6/14/2019	165	1	0.1098	18.117
1911611	91706	MB	UB	2"	793	Less than or equal to 60	Code 1	B	S	6/14/2019	6/14/2019	165	1	0.1098	18.117
1911620	90002	MB	UB	4"	1147	Less than or equal to 60	Code 1	B	S	6/14/2019	6/14/2019	165	1	0.1098	18.117
1911625	92410-2756	DB	UC	3/4"	890	Less than or equal to 60	Code 1	B	M	6/14/2019	6/14/2019	1	1	0.1098	0.1098
1911631	90266-3068	MB	UB	2"	741	Less than or equal to 60	Code 1	B	M	6/14/2019	6/14/2019	1	1	0.1098	0.1098
1911637	90712-2012	DB	UC	3/4"	823	Less than or equal to 60	Code 1	B	S	6/14/2019	6/14/2019	1	1	0.1098	0.1098
1911646	93292	MB	P	2"	32	Less than or equal to 60	Code 1	B	S	6/15/2019	6/15/2019	166	1	0.1098	

1912168	90746	DB	PC	3/4"	616	Less than or equal to 60	Code 1	B	S	6/21/2019	6/21/2019	172	1	0.1098	18.8856	
1912174	91405	DB	PC	3/8"	0	Less than or equal to 60	Code 1	B	S	6/21/2019	6/21/2019	172	1	0.1098	18.8856	
1912181	90706	MB	MB	4"	810	Less than or equal to 60	Code 1	B	S	6/22/2019	6/22/2019	173	2	0.1098	18.9564	
1912224	93656	DB	UC	3/4"	774	Less than or equal to 60	Code 1	B	S	6/21/2019	6/21/2019	172	1	0.1098	18.8856	
1912228	91306-1517	DB	UC	1"	959	Less than or equal to 60	Code 1	B	S	6/21/2019	6/21/2019	172	1	0.1098	18.8856	
1912244	91413	MB	UC	6"	839	Less than or equal to 60	Code 1	M	M	6/22/2019	6/22/2019	1	1	0.1098	18.8856	
1912261	91320	MB	PC	2"	796	Less than or equal to 60	Code 1	B	M	6/22/2019	6/22/2019	1	1	0.1098	18.8856	
1912267	92651	MB	P	2"	436	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	175	1	0.1098	19.2125	
1912280	90746	DB	PC	3/4"	583	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	175	1	0.1098	19.2125	
1912284	90255	DB	UC	3/4"	775	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	175	1	0.1098	19.2125	
1912285	91706	MB	MB	UC	2"	791	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	177	1	0.1098	19.2125
1912287	91300	MB	P	1"	408	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	177	1	0.1098	19.2125	
1912288	90009	MB	UB	4"	1155	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	175	1	0.1098	19.2125	
1912291	90009	DB	UC	3/4"	833	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	175	1	0.1098	19.2125	
1912321	90242	DB	UC	3/4"	760	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	175	1	0.1098	19.2125	
1912344	92509	DB	UC	3/4"	862	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	175	1	0.1098	19.2125	
1912350	90077	MB	UB	3"	1103	Less than or equal to 60	Code 1	M	M	6/24/2019	6/24/2019	1	1	0.1098	19.2125	
1912361	90280	MB	UC	2"	893	Less than or equal to 60	Code 1	B	S	6/24/2019	6/24/2019	176	2	0.1098	19.2408	
1912365	91711-4229	DB	UC	2"	335	Less than or equal to 60	Code 1	B	M	6/24/2019	6/24/2019	1	1	0.1098	19.2408	
1912378	90706	MB	UC	2"	893	Less than or equal to 60	Code 1	B	S	6/25/2019	6/25/2019	176	1	0.1098	19.2408	
1912384	92374	DB	P	1/2" CTS	370	Less than or equal to 60	Code 1	B	S	6/25/2019	6/25/2019	176	1	0.1098	19.2408	
1912407	92649	DB	P	1/2" IPS	527	Less than or equal to 60	Code 1	B	S	6/25/2019	6/25/2019	176	1	0.1098	19.2408	
1912414	90746	DB	PC	3/4"	601	Less than or equal to 60	Code 1	B	S	6/25/2019	6/25/2019	176	1	0.1098	19.2408	
1912419	91411	DB	PC	1"	496	Less than or equal to 60	Code 1	B	S	6/25/2019	6/25/2019	176	1	0.1098	19.2408	
1912438	90004	MB	P	2"	468	Less than or equal to 60	Code 1	B	S	6/25/2019	6/25/2019	176	1	0.1098	19.2408	
1912446	93841	MB	UC	2"	767	Less than or equal to 60	Code 1	B	S	6/25/2019	6/25/2019	176	1	0.1098	19.2408	
1912455	91762	MB	UB	2"	767	Less than or equal to 60	Code 1	B	S	6/25/2019	6/25/2019	176	1	0.1098	19.2408	
1912500	91411	MB	UC	4"	601	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912502	90746	MB	PC	3/4"	597	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912506	90746	DB	PC	3/4"	0	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912507	91763	MB	UB	2"	695	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912521	91764	MB	UB	2"	647	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912546	92663	DB	PC	3/4"	713	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912555	93530	MB	P	2"	342	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912559	92407	DB	P	6/2" CTS	432	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	178	1	0.1098	19.2408	
1912561	91775	DB	UB	3/4"	352	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912567	92691	DB	PC	3/4"	552	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912571	92649	DB	PC	3/4"	598	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	177	1	0.1098	19.2408	
1912593	90220	MB	UB	12"	948	Less than or equal to 60	Code 1	B	S	6/26/2019	6/26/2019	178	2	0.1098	19.5444	
1912606	92262-1163	DB	UB	3/4"	738	Less than or equal to 60	Code 1	B	M	6/26/2019	6/26/2019	1	1	0.1098	19.5444	
1912616	92691	DB	P	2"	477	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912620	91745	MB	P	2"	542	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912652	91764	MB	UC	2"	647	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912654	92544	MB	P	4"	464	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912667	90221	MB	UC	2"	947	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912674	92509	MB	P	2"	430	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912678	92509	MB	P	2"	478	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912687	90015	DB	UC	1/2"	426	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912694	92374	MB	P	2"	508	Less than or equal to 60	Code 1	B	M	6/27/2019	6/27/2019	1	1	0.1098	19.5444	
1912699	92631	MB	P	2"	427	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912703	91607	DB	P	1/2" CTS	878	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.5444	
1912707	91103	DB	UB	1"	851	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	179	2	0.1098	19.6442	
1912722	90002	DB	P	1/2" IPS	155	Less than or equal to 60	Code 1	B	S	6/27/2019	6/27/2019	178	1	0.1098	19.6442	
1912729	93309-2753	DB	P	1/2" IPS	75	Less than or equal to 60	Code 1	M	M	6/27/2019	6/27/2019	1	1	0.1098	19.6442	
1912736	91342-2757	DB	UC	3/4"	743	Less than or equal to 60	Code 1	B	M	6/27/2019	6/27/2019	1	1	0.1098	19.6442	
1912738	91306	DB	UB	12"	0	Less than or equal to 60	Code 1	B	M	6/28/2019	6/28/2019	1	1	0.1098	19.6442	
1912747	92270	DB	UC	3/4"	292	Less than or equal to 60	Code 1	B	S	6/28/2019	6/28/2019	179	1	0.1098	19.6442	
1912752	90039	DB	P	1/2" CTS	681	Less than or equal to 60	Code 1	B	S	6/28/2019	6/28/2019	179	1	0.1098	19.6442	
1912761	90241	MB	UC	3/4"	832	Less than or equal to 60	Code 1	B	S	6/28/2019	6/28/2019	179	1	0.1098	19.6442	
1912771	93060	MB	PC	2"	719	Less than or equal to 60	Code 1	B	S	6/28/2019	6/28/2019	179	1	0.1098	19.6442	
1912784	90241	MB	UC	2"	934	Less than or equal to 60	Code 1	B	S	6/28/2019	6/28/2019	180	2	0.1098	19.7474	
1912788	91001	DB	UB	3/4"	875	Less than or equal to 60	Code 1	B	S	6/28/2019	6/28/2019	1	1	0.1098	19.7474	
1912803	92606-4428	DB	P	1/2" IPS	515	Less than or equal to 60	Code 1	B	M	6/28/2019	6/28/2019	1	1	0.1098	19.7474	
1912807	91306	DB	UC	3/4"	907	Less than or equal to 60	Code 1	B	M	6/29/2019	6/29/2019	1	1	0.1098	19.7474	
1912821	92346	MB	P	3/4"	704	Less than or equal to 60	Code 1	B	M	6/29/2019	6/29/2019	1	1	0.1098	19.7474	
1912827	93066-9563	MB	UC	6"	0	Less than or equal to 60	Code 1	B	M	6/30/2019	6/30/2019	1	1	0.1098	19.7474	
1912837	91708	MB	UC	2"	695	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	186	5	0.1098	20.4228	
1912843	92530	MB	UC	2"	1003	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912844	90400	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912850	91446	MB	P	2"	887	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912864	92374	MB	P	2"	482	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912876	90235	DB	P	1/2" CTS	458	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912880	92630	MB	PC	3"	72	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912883	90293	MB	PC	3"	1079	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912894	92630	MB	P	2"	516	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	183	2	0.1098	20.0934	
1912901	93308	MB	P	2"	498	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912910	90405	MB	PB	3"	1151	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912913	92630	MB	P	2"	72	Less than or equal to 60	Code 1	B	S	7/1/2019	7/1/2019	182	1	0.1098	19.9836	
1912931	92374-1601	DB	P	6/2" IPS	155	Less than or equal to 60	Code 1	B	M	7/1/2019	7/1/2019	1	1	0.1098	19.9836	
1912950	92675	DB	P	1/2" IPS	573	Less than or equal to 60	Code 1	B	S	7/2/2019	7/2/2019	183	1	0.1098	20.0934	
1912951	93430	DB	UC	3/4"	586	Less than or equal to 60	Code 1	B	S	7/2/2019	7/2/2019	183	1	0.1098	20.0934	
1912952	93308	MB	P	2"	498	Less than or equal to 60	Code 1	B	S	7/2/2019	7/2/2019	182	1	0.1098	20.0934	
1912962	92870	MB	P	2"	412	Less than or equal to 60	Code 1	B	S	7/2/2019						

1913504	91505	MB	UC	3"	1102	Less than or equal to 60	Code 1	B	S	7/11/2019	7/11/2019	192	1	0.1098	21.0816
1913505	92833	MB	P	2"	465	Less than or equal to 60	Code 1	B	S	7/11/2019	7/11/2019	192	1	0.1098	21.0816
1913531	91737	MB	P	4"	486	Less than or equal to 60	Code 1	B	S	7/11/2019	7/11/2019	192	1	0.1098	21.0816
1913537	91342	DB	UC	3/4"	818	Less than or equal to 60	Code 1	B	S	7/11/2019	7/11/2019	192	1	0.1098	21.0816
1913550	92411	MB	UC	2"	767	Less than or equal to 60	Code 1	B	S	7/11/2019	7/11/2019	192	1	0.1098	21.0816
1913559	91651	DB	PC	3/4"	830	Less than or equal to 60	Code 1	B	S	7/11/2019	7/11/2019	192	1	0.1098	21.0816
1913570	92804	MB	UC	8"	611	Less than or equal to 60	Code 1	B	S	7/11/2019	7/11/2019	192	1	0.1098	21.0816
1913585	91307-2417	DB	PC	3/4"	723	Less than or equal to 60	Code 1	B	S	7/11/2019	7/11/2019	1	1	0.1098	0.1098
1913587	90277-4754	DB	P	1/2" CTS	489	Less than or equal to 60	Code 1	B	M	7/11/2019	7/11/2019	1	1	0.1098	0.1098
1913604	91723	MB	UB	2"	1091	Less than or equal to 60	Code 1	B	S	7/12/2019	7/12/2019	193	1	0.1098	21.1914
1913616	91723-1417	DB	UC	3/4"	258	Less than or equal to 60	Code 1	B	S	7/12/2019	7/12/2019	193	1	0.1098	0.1098
1913621	91505	MB	UC	2"	712	Less than or equal to 60	Code 1	B	S	7/12/2019	7/12/2019	193	1	0.1098	21.1914
1913636	91504	DB	UC	3/4"	902	Less than or equal to 60	Code 1	B	S	7/12/2019	7/12/2019	193	1	0.1098	21.1914
1913676	91600	DB	UC	3/4"	1153	Less than or equal to 60	Code 1	B	S	7/13/2019	7/13/2019	194	1	0.1098	21.1012
1913681	91301	MB	P	4"	435	Less than or equal to 60	Code 1	B	S	7/13/2019	7/13/2019	1	1	0.1098	0.1098
1913688	91731	DB	UC	3/4"	966	Less than or equal to 60	Code 1	B	S	7/15/2019	7/15/2019	196	1	0.1098	21.1208
1913696	90640	MB	UC	2"	1187	Less than or equal to 60	Code 1	B	S	7/15/2019	7/15/2019	196	1	0.1098	21.1208
1913726	91320	DB	UC	3/4"	593	Less than or equal to 60	Code 1	B	M	7/15/2019	7/15/2019	1	1	0.1098	0.1098
1913730	91504	MB	UC	3"	1100	Less than or equal to 60	Code 1	B	S	7/15/2019	7/15/2019	196	1	0.1098	21.1208
1913731	92307	MB	P	3"	547	Less than or equal to 60	Code 1	B	S	7/15/2019	7/15/2019	196	1	0.1098	0.1098
1913734	91792	DB	P	1/2" CTS	490	Less than or equal to 60	Code 1	B	S	7/15/2019	7/15/2019	196	1	0.1098	21.1208
1913742	92562	DB	P	1/2" CTS	356	Less than or equal to 60	Code 1	B	S	7/15/2019	7/15/2019	1	1	0.1098	0.1098
1913749	91455	DB	P	1/2" CTS	476	Less than or equal to 60	Code 1	B	S	7/15/2019	7/15/2019	196	1	0.1098	21.1208
1913759	91731	MB	UB	4"	851	Less than or equal to 60	Code 1	B	S	7/15/2019	7/16/2019	197	2	0.1098	21.6306
1913764	90041	DB	UC	3/4"	869	Less than or equal to 60	Code 1	B	S	7/15/2019	7/15/2019	196	1	0.1098	21.1208
1913775	92347	DB	P	2"	0	Less than or equal to 60	Code 1	B	S	7/15/2019	7/15/2019	196	1	0.1098	21.1208
1913822	91342	DB	UC	3/4"	657	Less than or equal to 60	Code 1	B	S	7/16/2019	7/16/2019	197	1	0.1098	21.6306
1913832	91789	DB	PC	3/4"	641	Less than or equal to 60	Code 1	B	S	7/16/2019	7/16/2019	197	1	0.1098	21.6306
1913840	90770	MB	UC	2"	830	Less than or equal to 60	Code 1	B	S	7/16/2019	7/16/2019	197	1	0.1098	21.6306
1913876	91741	DB	UC	3/4"	800	Less than or equal to 60	Code 1	B	M	7/16/2019	7/16/2019	1	1	0.1098	0.1098
1913888	90022-1212	DB	UB	3/4"	82	Less than or equal to 60	Code 1	B	M	7/16/2019	7/16/2019	1	1	0.1098	0.1098
1913901	91786-5358	DB	P	1"	478	Less than or equal to 60	Code 1	B	S	7/16/2019	7/16/2019	1	1	0.1098	0.1098
1913906	92376	MB	P	2"	326	Less than or equal to 60	Code 1	B	S	7/17/2019	7/17/2019	198	1	0.1098	21.7404
1913915	90732	DB	UC	3/4"	640	Less than or equal to 60	Code 1	B	S	7/17/2019	7/18/2019	199	2	0.1098	21.8502
1913936	90920	DB	PC	1/4"	758	Less than or equal to 60	Code 1	B	S	7/17/2019	7/17/2019	1	1	0.1098	21.7404
1913933	90220	MB	UC	4"	859	Less than or equal to 60	Code 1	B	S	7/17/2019	7/17/2019	198	1	0.1098	21.7404
1913961	91105	DB	UC	3/4"	644	Less than or equal to 60	Code 1	B	S	7/17/2019	7/18/2019	199	2	0.1098	21.8502
1913971	92173	DB	UC	3/4"	427	Less than or equal to 60	Code 1	B	S	7/17/2019	7/17/2019	1	1	0.1098	0.1098
1913997	91730	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	7/17/2019	7/17/2019	198	1	0.1098	21.7404
1914017	91770	MB	UB	6"	1175	Less than or equal to 60	Code 1	B	S	7/18/2019	7/18/2019	199	1	0.1098	21.8502
1914039	92807	DB	P	1/2" IPS	0	Less than or equal to 60	Code 1	B	S	7/18/2019	7/18/2019	199	1	0.1098	21.8502
1914044	92860	DB	PC	3/4"	528	Less than or equal to 60	Code 1	B	S	7/18/2019	7/18/2019	199	1	0.1098	21.8502
1914046	91744	MB	PC	2"	875	Less than or equal to 60	Code 1	B	S	7/18/2019	7/18/2019	199	1	0.1098	21.8502
1914052	92840	DB	P	1"	423	Less than or equal to 60	Code 1	B	S	7/18/2019	7/18/2019	199	1	0.1098	21.8502
1914053	92374	DB	UC	3/4"	833	Less than or equal to 60	Code 1	B	S	7/18/2019	7/18/2019	199	1	0.1098	21.8502
1914067	90023	DB	MB	3/4"	611	Less than or equal to 60	Code 1	B	S	7/18/2019	7/18/2019	199	1	0.1098	21.8502
1914070	90706	DB	UC	3/4"	569	Less than or equal to 60	Code 1	B	M	7/18/2019	7/18/2019	1	1	0.1098	0.1098
1914081	92468	MB	P	2"	611	Less than or equal to 60	Code 1	B	S	7/19/2019	7/19/2019	200	2	0.1098	21.96
1914081	91730	DB	UC	3/4"	627	Less than or equal to 60	Code 1	B	S	7/18/2019	7/18/2019	1	1	0.1098	21.8502
1914103	92335	DB	UC	3/4"	838	Less than or equal to 60	Code 1	B	M	7/18/2019	7/18/2019	1	1	0.1098	0.1098
1914119	91755-3317	DB	UC	3/4"	819	Less than or equal to 60	Code 1	B	S	7/19/2019	7/19/2019	1	1	0.1098	0.1098
1914121	92234	DB	P	2"	462	Less than or equal to 60	Code 1	B	S	7/19/2019	7/19/2019	200	1	0.1098	21.96
1914131	91107-4645	DB	UB	1 1/4"	1151	Less than or equal to 60	Code 1	B	M	7/19/2019	7/19/2019	1	1	0.1098	0.1098
1914136	91274	MB	P	1"	514	Less than or equal to 60	Code 1	B	S	7/19/2019	7/19/2019	200	1	0.1098	21.96
1914160	91382	DB	UC	3/4"	668	Less than or equal to 60	Code 1	B	S	7/19/2019	7/19/2019	0.1098	1	0.1098	21.96
1914200	91033	DB	PC	3/4"	745	Less than or equal to 60	Code 1	B	M	7/19/2019	7/19/2019	200	1	0.1098	21.96
1914236	90503-5906	DB	P	1/2" CTS	0	Less than or equal to 60	Code 1	B	S	7/19/2019	7/19/2019	1	1	0.1098	0.1098
1914240	90044-5950	DB	UC	3/4"	781	Less than or equal to 60	Code 1	B	S	7/19/2019	7/19/2019	1	1	0.1098	0.1098
1914242	90024-3237	DB	PC	1"	592	Less than or equal to 60	Code 1	B	S	7/19/2019	7/19/2019	1	1	0.1098	0.1098
1914246	92326	MB	PC	2"	960	Less than or equal to 60	Code 1	B	S	7/19/2019	7/19/2019	1	1	0.1098	0.1098
1914246	90710	DB	UC	1/2" CTS	359	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914274	91205-2511	MB	UC	2"	882	Less than or equal to 60	Code 1	B	M	7/22/2019	7/22/2019	1	1	0.1098	0.1098
1914275	91602	DB	UC	1"	598	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	1	1	0.1098	0.1098
1914277	91407	MB	UB	1"	574	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914283	92314	DB	UC	3/4"	668	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914290	92374	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914293	90003	MB	P	3"	429	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914298	90021	DB	P	1/2" CTS	419	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914325	92840	DB	P	1/2" IPS	503	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914327	91342	DB	UC	3/4"	864	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914329	92377	DB	UB	3/4"	0	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914332	91766	MB	P	4"	365	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	203	1	0.1098	22.894
1914334	91342-4123	MB	UC	2"	852	Less than or equal to 60	Code 1	B	M	7/22/2019	7/22/2019	1	1	0.1098	0.1098
1914336	90023	DB	PC	3/4"	855	Less than or equal to 60	Code 1	B	S	7/22/2019	7/22/2019	204	2	0.1098	22.3992
1914362	91407	DB	UC	4"	854	Less than or equal to 60	Code 1	B	S	7/23/2019	7/23/2019	1	1	0.1098	0.1098
1914370	91724	MB	UC	4"	695	Less than or equal to 60	Code 1	B	S	7/23/2019	7/23/2019	204	1	0.1098	22.3992
1914381	90723	DB	UC	1"	0	Less than or equal to 60	Code 1	B	S	7/23/2019	7/24/2019	205	2	0.1098	22.509
1914387	91320	DB	UC	3/4"	512	Less than or equal to 60	Code 1	B	S	7/23/2019	7/23/2019	204	1	0.1098	22.3992
1914388	91301	MB	UC	2"	611	Less than or equal to 60	Code 1	B	S	7/23/2019	7/23/2019	204	1	0.1098	22.3992
1914390	90023	MB	UB	6"	1175	Less than or equal to 60	Code 1	B	S	7/23/2019	7/24/2019	205	2	0.1098	22.509
1914394	90710	DB	P	1/2" CTS	479	Less than or equal to 60	Code 1	B	S	7/23/2019	7/23/2019	204	1	0.1098	22.3992
1914403	90266	DB	UB	3/4"	424	Less than or equal to 60	Code 1	B	S	7/23/2019	7/23/2019	204	1	0.1098	22.3992
1914412	92501	MB	P	2"	363	Less than or equal to 60	Code 1	B</							

1914841	93257	DB	PC	3/4"	623	Less than or equal to 60	Code 1	B	S	7/25/2019	7/26/2019	207	2	0.1098	22.7286
1914842	92887	MB	P	2"	396	Less than or equal to 60	Code 1	B	S	7/29/2019	7/29/2019	210	1	0.1098	23.058
1914843	90670	DB	UC	1"	473	Less than or equal to 60	Code 1	B	S	7/29/2019	7/29/2019	210	1	0.1098	23.058
1914867	90703	DB	P	1/2" CTS	533	Less than or equal to 60	Code 1	B	S	7/29/2019	7/29/2019	210	1	0.1098	23.058
1914895	92405	DB	PC	1 1/4"	0	Less than or equal to 60	Code 1	B	S	7/29/2019	7/29/2019	210	1	0.1098	0.1098
1914929	90723	DB	P	1/2" CTS	368	Less than or equal to 60	Code 1	B	S	7/29/2019	7/29/2019	210	1	0.1098	23.058
1914930	90660	DB	UC	3/4"	825	Less than or equal to 60	Code 1	B	M	7/29/2019	7/29/2019	1	1	0.1098	0.1098
1914940	91786-4615	MB	UB	2"	1127	Less than or equal to 60	Code 1	B	M	7/29/2019	7/29/2019	1	1	0.1098	0.1098
1914990	91230	MB	MB	2"	979	Less than or equal to 60	Code 1	B	M	7/30/2019	7/30/2019	1	1	0.1098	0.1098
1915002	90032	DB	B	1/2" CTS	752	Less than or equal to 60	Code 1	B	S	7/30/2019	7/30/2019	211	1	0.1098	23.1678
1915011	90620	DB	PC	3/4"	779	Less than or equal to 60	Code 1	B	S	7/30/2019	7/30/2019	211	1	0.1098	23.1678
1915013	90242	DB	UC	1"	959	Less than or equal to 60	Code 1	B	S	7/30/2019	7/30/2019	211	1	0.1098	23.1678
1915031	90063	MB	P	2"	449	Less than or equal to 60	Code 1	B	S	7/30/2019	7/30/2019	211	1	0.1098	23.1678
1915051	90307	DB	P	1"	548	Less than or equal to 60	Code 1	B	S	7/30/2019	7/30/2019	211	1	0.1098	23.1678
1915053	92321	MB	UB	2"	447	Less than or equal to 60	Code 1	B	S	7/30/2019	7/30/2019	211	1	0.1098	23.1678
1915058	91768	DB	UC	3/4"	785	Less than or equal to 60	Code 1	B	S	7/30/2019	7/30/2019	211	1	0.1098	23.1678
1915106	92501	DB	PC	1"	0	Less than or equal to 60	Code 1	B	S	7/30/2019	7/30/2019	1	1	0.1098	0.1098
1915110	90631-8335	DB	P	1/2" CTS	477	Less than or equal to 60	Code 1	B	M	7/30/2019	7/30/2019	1	1	0.1098	0.1098
1915137	90015	MB	PC	4"	1039	Less than or equal to 60	Code 1	B	S	7/31/2019	8/2/2019	214	3	0.1098	23.4972
1915151	92691	DB	PC	3/4"	585	Less than or equal to 60	Code 1	B	S	7/31/2019	7/31/2019	212	1	0.1098	23.2776
1915166	90027	DB	P	1/2" CTS	595	Less than or equal to 60	Code 1	B	S	7/31/2019	7/31/2019	212	1	0.1098	23.2776
1915197	91741	MB	UB	2"	779	Less than or equal to 60	Code 1	B	M	7/31/2019	7/31/2019	1	1	0.1098	0.1098
1915215	91770	DB	UC	3/4"	802	Less than or equal to 60	Code 1	B	S	8/1/2019	8/1/2019	213	1	0.1098	23.3874
1915224	90291	MB	PC	2"	779	Less than or equal to 60	Code 1	B	S	8/1/2019	8/1/2019	213	1	0.1098	23.3874
1915229	90027	MB	PC	3"	710	Less than or equal to 60	Code 1	B	S	8/1/2019	8/1/2019	213	1	0.1098	23.3874
1915235	90262	MB	UB	4"	517	Less than or equal to 60	Code 1	B	S	8/1/2019	8/1/2019	213	1	0.1098	23.3874
1915279	91762-1509	MB	UC	2"	791	Less than or equal to 60	Code 1	B	M	8/1/2019	8/1/2019	1	1	0.1098	0.1098
1915316	92262	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	8/2/2019	8/2/2019	214	1	0.1098	23.4972
1915321	90023	MB	MB	2"	809	Less than or equal to 60	Code 1	B	S	8/2/2019	8/2/2019	214	1	0.1098	23.4972
1915355	90019	MB	P	2"	442	Less than or equal to 60	Code 1	B	M	8/3/2019	8/3/2019	1	1	0.1098	0.1098
1915387	92405	DB	UC	1"	0	Less than or equal to 60	Code 1	B	M	8/3/2019	8/3/2019	1	1	0.1098	0.1098
1915396	91886-9922	DB	P	2"	577	Less than or equal to 60	Code 1	B	M	8/4/2019	8/4/2019	1	1	0.1098	0.1098
19153971	90023-3252	DB	UC	3/4"	855	Less than or equal to 60	Code 1	B	M	8/4/2019	8/4/2019	1	1	0.1098	0.1098
1915398	90731	MB	P	2"	406	Less than or equal to 60	Code 1	B	S	8/4/2019	8/4/2019	217	1	0.1098	23.8266
1915400	91708	DB	UC	2"	419	Less than or equal to 60	Code 1	B	S	8/4/2019	8/4/2019	217	1	0.1098	23.8266
1915403	90016	MB	PC	2"	593	Less than or equal to 60	Code 1	B	S	8/4/2019	8/4/2019	217	1	0.1098	23.8266
1915414	90262	DB	UC	3/4"	827	Less than or equal to 60	Code 1	B	S	8/4/2019	8/4/2019	217	1	0.1098	23.8266
1915421	91245	MB	PC	4"	0	Less than or equal to 60	Code 1	B	S	8/4/2019	8/4/2019	220	1	0.1098	24.156
1915463	90007-5305	DB	UC	1"	702	Less than or equal to 60	Code 1	B	M	8/4/2019	8/4/2019	1	1	0.1098	0.1098
1915503	91308	MB	P	2"	487	Less than or equal to 60	Code 1	B	S	8/6/2019	8/6/2019	218	1	0.1098	23.9364
1915505	90011	DB	P	1/2" CTS	447	Less than or equal to 60	Code 1	B	S	8/6/2019	8/6/2019	218	1	0.1098	23.9364
1915513	91789	DB	UC	3/4"	595	Less than or equal to 60	Code 1	B	S	8/6/2019	8/6/2019	218	1	0.1098	23.9364
1915514	92373	DB	P	1/2" CTS	484	Less than or equal to 60	Code 1	B	S	8/6/2019	8/6/2019	218	1	0.1098	23.9364
1915521	90022	MB	UC	3/4"	736	Less than or equal to 60	Code 1	B	S	8/6/2019	8/6/2019	218	1	0.1098	23.9364
1915588	91501	MB	UB	2"	1192	Less than or equal to 60	Code 1	B	S	8/7/2019	8/7/2019	219	1	0.1098	24.0462
1915589	92553	DB	P	1/2" CTS	448	Less than or equal to 60	Code 1	B	S	8/7/2019	8/7/2019	219	1	0.1098	24.0462
1915600	91042	DB	PC	1/2" IPS	0	Less than or equal to 60	Code 1	B	S	8/7/2019	8/7/2019	219	1	0.1098	24.0462
1915613	92553	DB	P	1/2" CTS	448	Less than or equal to 60	Code 1	B	S	8/7/2019	8/7/2019	220	2	0.1098	24.156
1915656	92866-1812	DB	PC	3/4"	603	Less than or equal to 60	Code 1	B	M	8/7/2019	8/7/2019	1	1	0.1098	0.1098
1915670	92647	DB	PC	3/4"	795	Less than or equal to 60	Code 1	B	S	8/8/2019	8/8/2019	221	1	0.1098	24.2658
1915689	91257-1833	DB	UC	3/4"	532	Less than or equal to 60	Code 1	B	M	8/8/2019	8/8/2019	1	1	0.1098	0.1098
1915691	90013-1013	MB	UC	6"	837	Less than or equal to 60	Code 1	B	S	8/8/2019	8/8/2019	1	1	0.1098	0.1098
1915695	92262	MB	MB	2"	860	Less than or equal to 60	Code 1	B	S	8/8/2019	8/8/2019	220	1	0.1098	24.156
1915706	90606	DB	P	1/2" CTS	450	Less than or equal to 60	Code 1	B	S	8/8/2019	8/8/2019	220	1	0.1098	24.156
1915712	90640	MB	PC	3"	839	Less than or equal to 60	Code 1	B	S	8/8/2019	8/8/2019	220	1	0.1098	24.156
1915713	90900	DB	UC	1 1/4"	642	Less than or equal to 60	Code 1	B	S	8/8/2019	8/8/2019	221	1	0.1098	24.1658
1915721	90027	MB	UB	6"	1094	Less than or equal to 60	Code 1	B	S	8/8/2019	8/8/2019	220	1	0.1098	24.156
1915759	91344-5053	DB	P	1/2" CTS	435	Less than or equal to 60	Code 1	B	M	8/8/2019	8/8/2019	1	1	0.1098	0.1098
1915762	91672	DB	PC	3/4"	647	Less than or equal to 60	Code 1	B	S	8/8/2019	8/8/2019	221	1	0.1098	24.1658
1915765	92675	DB	P	1"	518	Less than or equal to 60	Code 1	B	S	8/8/2019	8/8/2019	221	1	0.1098	24.1658
1915773	92262	MB	P	4"	453	Less than or equal to 60	Code 1	B	S	8/9/2019	8/9/2019	221	1	0.1098	24.1658
1915887	91291-2945	DB	UC	3/4"	747	Less than or equal to 60	Code 1	B	M	8/9/2019	8/9/2019	1	1	0.1098	0.1098
1915890	91803-4527	DB	PC	3/4"	777	Less than or equal to 60	Code 1	B	M	8/11/2019	8/11/2019	1	1	0.1098	0.1098
1915861	90017	MB	UB	6"	941	Less than or equal to 60	Code 1	B	S	8/12/2019	8/12/2019	1	1	0.1098	0.1098
1915871	92805	DB	UC	3/4"	776	Less than or equal to 60	Code 1	B	S	8/12/2019	8/12/2019	224	1	0.1098	24.5952
1915877	91308	DB	P	1/2" CTS	445	Less than or equal to 60	Code 1	B	S	8/12/2019	8/12/2019	224	1	0.1098	24.5952
1915892	91308	MB	P	2"	490	Less than or equal to 60	Code 1	B	S	8/12/2019	8/12/2019	225	1	0.1098	24.705
1915903	91016	MB	P	2"	441	Less than or equal to 60	Code 1	B	S	8/12/2019	8/12/2019	224	1	0.1098	24.5952
1915905	90605	MB	UC	2"	1058	Less than or equal to 60	Code 1	B	S	8/12/2019	8/12/2019	224	1	0.1098	24.5952
1915923	91663	MB	P	2"	791	Less than or equal to 60	Code 1	B	S	8/12/2019	8/12/2019	224	1	0.1098	24.5952
1915944	91006	DB	UC	3/4"	832	Less than or equal to 60	Code 1	B	S	8/12/2019	8/12/2019	224	1	0.1098	24.5952
1915975	92620-2649	DB	P	1/2" IPS	503	Less than or equal to 60	Code 1	B	M	8/12/2019	8/12/2019	1	1	0.1098	0.1098
1915990	90003-1107	DB	PC	1/2" IPS	947	Less than or equal to 60	Code 1	B	S	8/12/2019	8/12/2019	1	1	0.1098	0.1098
1916000	90022	MB	UC	2"	788	Less than or equal to 60	Code 1	B	S	8/13/2019	8/13/2019	225	1	0.1098	24.705
1916022	91406-5111	DB	UC	3/4"	840	Less than or equal to 60	Code 1	B	M	8/13/2019	8/13/2019	1	1	0.1098	0.1098
1916040	91106	DB	P	1/2" CTS	379	Less than or equal to 60	Code 1	B	S	8/13/2019	8/13/2019	225	1	0.1098	24.705
1916041	92663	DB	PC	3/4"	598	Less than or equal to 60	Code 1	B	S	8/13/2019	8/13/2019	225	1	0.1098	24.705
1916046	91551-2947	MB	P	3/4"	476	Less than or equal to 60	Code 1	B	M	8/13/2019	8/13/2019	1	1	0.1098	0.1098
1916052	90240	DB	UC	3/4"	870	Less than or equal to 60	Code 1	B	S	8/13/2019	8/13/2019	1	1	0.1098	0.1098
1916074	90210	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	M	8/13/2019	8/13/2019	1	1	0.1098	0.1098
1916076	92571	MB	P	2"	473	Less than or equal to 60	Code 1	B	S	8/13/2019	8/13/2019	1	1	0.1098	0.1098
1916091	91245-2703	DB	UC	1"	995	Less than or equal to 60	Code 1	B	S	8/13/2019	8/13/2019	1	1	0.1098	0.1098
1916094	91016	DB	UB	1 1/4"	990	Less than or equal to 60	Code 1	B	M	8/14/2019	8/14/2019	226	1	0.10	

1916548	93103	DB	UC	3/4"	417	Less than or equal to 60	Code 1	B	M	8/19/2019	43696	8/19/2019	1	1	0.1098	0.1098
1916551	92411	DB	UC	3/4"	778	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916551	90026	DB	DB	3/4"	642	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916554	92260	MB	P	3"	462	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916555	90606	DB	P	1 1/2" CTS	450	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916555	92547	DB	PC	3/4"	743	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916564	91744	DB	P	2"	485	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916566	92651	MB	PC	2"	887	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916580	90230	DB	PC	3/4"	707	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916587	93257	DB	UC	3/4"	823	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916611	90275	DB	P	1 1/2" CTS	439	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916627	91731	MB	MB		843	Less than or equal to 60	Code 1	B	M	8/20/2019		8/20/2019	1	1	0.1098	0.1098
1916627	91606	MB	P	1"	491	Less than or equal to 60	Code 1	B	S	8/20/2019		8/20/2019	232	1	0.1098	25.4736
1916664	90618	MB	MB	UC	824	Less than or equal to 60	Code 1	B	S	8/21/2019		8/21/2019	233	1	0.1098	25.4834
1916690	90064	MB	UC	4"	1151	Less than or equal to 60	Code 1	B	S	8/21/2019		8/21/2019	233	1	0.1098	25.4834
1916694	90045	MB	UB	6"	1160	Less than or equal to 60	Code 1	B	S	8/21/2019		8/21/2019	234	2	0.1098	25.6932
1916700	91801	DB	UB	1"	0	Less than or equal to 60	Code 1	B	S	8/21/2019		8/21/2019	233	1	0.1098	25.5834
1916708	92233	DB	UC	3/4"	746	Less than or equal to 60	Code 1	B	S	8/21/2019		8/21/2019	233	1	0.1098	25.5834
1916716	90605	MB	UC	2"	851	Less than or equal to 60	Code 1	B	S	8/21/2019		8/21/2019	234	2	0.1098	25.6932
1916734	92407	DB	UC	3/4"	694	Less than or equal to 60	Code 1	B	S	8/21/2019		8/21/2019	233	1	0.1098	25.5834
1916742	91364	DB	UC	3/4"	789	Less than or equal to 60	Code 1	B	S	8/21/2019		8/21/2019	233	1	0.1098	25.5834
1916761	92804	DB	P	1 1/2" IPS	503	Less than or equal to 60	Code 1	B	S	8/21/2019		8/21/2019	233	1	0.1098	25.5834
1916760	92660-5120	MB	PC	2"	938	Less than or equal to 60	Code 1	B	S	8/21/2019	43698	8/21/2019	234	1	0.1098	0.1098
1916769	92503-7327	DB	P	1"	5	Less than or equal to 60	Code 1	B	M	8/21/2019		8/21/2019	1	1	0.1098	0.1098
1916797	92410	MB	UB	3"	1141	Less than or equal to 60	Code 1	B	S	8/22/2019		8/22/2019	234	1	0.1098	25.6932
1916798	92571	MB	P	2"	428	Less than or equal to 60	Code 1	B	S	8/22/2019		8/22/2019	234	1	0.1098	25.6932
1916819	90266	DB	P	1 1/2" IPS	47	Less than or equal to 60	Code 1	B	M	8/22/2019		8/22/2019	1	1	0.1098	0.1098
1916821	91335	MB	PC	2"	871	Less than or equal to 60	Code 1	B	S	8/22/2019		8/22/2019	234	1	0.1098	25.6932
1916824	90706	DB	P	1 1/2" CTS	446	Less than or equal to 60	Code 1	B	S	8/22/2019		8/22/2019	234	1	0.1098	25.6932
1916827	90023	DB	P	3/4"	330	Less than or equal to 60	Code 1	B	S	8/22/2019		8/22/2019	234	1	0.1098	25.6932
1916828	92460	MB	P	2"	438	Less than or equal to 60	Code 1	B	S	8/22/2019		8/22/2019	234	1	0.1098	25.6932
1916829	91952	DB	P	1 1/2" IPS	389	Less than or equal to 60	Code 1	B	S	8/22/2019		8/22/2019	234	1	0.1098	25.6932
1916851	91801	DB	UC	1"	995	Less than or equal to 60	Code 1	B	S	8/22/2019		8/22/2019	234	1	0.1098	25.6932
1916855	93552	MB	P	2"	391	Less than or equal to 60	Code 1	B	S	8/22/2019		8/22/2019	234	1	0.1098	25.6932
1916877	90201	DB	UC	1"	349	Less than or equal to 60	Code 1	B	M	8/23/2019		8/23/2019	1	1	0.1098	0.1098
1916881	91754	DB	UC	3/4"	674	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916884	90210	DB	UC	3/4"	754	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916891	90210	DB	UC	3/4"	824	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916898	91791	MB	P	1"	456	Less than or equal to 60	Code 1	B	M	8/23/2019	43700	8/23/2019	1	1	0.1098	0.1098
1916899	93618	MB	PC	2"	565	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916912	90262-3396	MB	UB		2091	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	1	1	0.1098	0.1098
1916927	91730	MB	P	2"	473	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916928	90001	MB	P	2"	348	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916934	90004	MB	PB		551	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916936	90650	MB	P	2"	490	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916940	91754	DB	UC	3/4"	709	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916945	91325	DB	UC	3/4"	787	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916947	92240	DB	PC	3/4"	667	Less than or equal to 60	Code 1	B	S	8/23/2019		8/23/2019	235	1	0.1098	25.803
1916975	92515	MB	P	2"	487	Less than or equal to 60	Code 1	B	S	8/24/2019		8/24/2019	236	1	0.1098	25.9128
1916975	90731	MB	PC		503	Less than or equal to 60	Code 1	B	S	8/24/2019		8/24/2019	236	1	0.1098	25.9128
1917004	92167-4307	DB	PC	3/4"	751	Less than or equal to 60	Code 1	B	M	8/26/2019		8/26/2019	1	1	0.1098	0.1098
1917009	90064	MB	PC	3/4"	1151	Less than or equal to 60	Code 1	B	S	8/26/2019		8/26/2019	238	1	0.1098	26.124
1917021	92407	DB	UB	3/4"	710	Less than or equal to 60	Code 1	B	S	8/26/2019		8/26/2019	238	1	0.1098	26.124
1917047	90064	MB	UB	6"	1151	Less than or equal to 60	Code 1	B	S	8/26/2019		8/26/2019	238	1	0.1098	26.124
1917055	92270	DB	UC	3/4"	659	Less than or equal to 60	Code 1	B	S	8/26/2019		8/26/2019	238	1	0.1098	26.124
1917055	92183	DB	P	1 1/2" IPS	556	Less than or equal to 60	Code 1	B	S	8/26/2019		8/26/2019	238	1	0.1098	26.124
1917061	92679	MB	P	2"	369	Less than or equal to 60	Code 1	B	M	8/26/2019		8/26/2019	1	1	0.1098	0.1098
1917071	91766	DB	UC	3/4"	857	Less than or equal to 60	Code 1	B	S	8/26/2019		8/26/2019	238	1	0.1098	26.124
1917086	91750	MB	P		462	Less than or equal to 60	Code 1	B	S	8/26/2019		8/26/2019	239	1	0.1098	26.422
1917089	93013-3111	DB	P	1 1/2" CTS	435	Less than or equal to 60	Code 1	B	M	8/26/2019		8/26/2019	1	1	0.1098	0.1098
1917122	91634	MB	PC	2"	776	Less than or equal to 60	Code 1	B	S	8/27/2019		8/27/2019	239	1	0.1098	26.422
1917122	91411	MB	UC	2"	100	Less than or equal to 60	Code 1	B	S	8/27/2019		8/27/2019	239	1	0.1098	26.422
1917132	93263	DB	UC	3/4"	740	Less than or equal to 60	Code 1	B	S	8/27/2019		8/27/2019	239	1	0.1098	26.422
1917161	90011	DB	UC	3/4"	694	Less than or equal to 60	Code 1	B	S	8/27/2019		8/27/2019	240	2	0.1098	26.352
1917161	92547-7866	DB	P		575	Less than or equal to 60	Code 1	B	M	8/27/2019		8/27/2019	1	1	0.1098	0.1098
1917168	90003	MB	PC	4"	1129	Less than or equal to 60	Code 1	B	S	8/27/2019		8/27/2019	239	1	0.1098	26.422
1917180	90059	MB	UC	4"	890	Less than or equal to 60	Code 1	B	S	8/27/2019		8/27/2019	240	1	0.1098	26.352
1917188	90640-3018	DB	UC	1"	1103	Less than or equal to 60	Code 1	B	M	8/27/2019	43704	8/27/2019	1	1	0.1098	0.1098
1917197	91320	DB	PC	3/4"	688	Less than or equal to 60	Code 1	B	M	8/27/2019		8/27/2019	1	1	0.1098	0.1098
1917208	91236	DB	P	1 1/2" IPS	542	Less than or equal to 60	Code 1	B	S	8/27/2019	43704	8/27/2019	1	1	0.1098	0.1098
1917220	91107-1107	MB	UB	2"	0	Less than or equal to 60	Code 1	B	M	8/27/2019	43704	8/27/2019	1	1	0.1098	0.1098
1917222	92404-3626	MB	UB	2"	984	Less than or equal to 60	Code 1	B	M	8/27/2019		8/27/2019	1	1	0.1098	0.1098
1917236	90731	DB	P	1 1/2" CTS	443	Less than or equal to 60	Code 1	B	S	8/28/2019		8/28/2019	240	1	0.1098	26.352
1917237	91320	DB	PC	3/4"	895	Less than or equal to 60	Code 1	B	M	8/28/2019		8/28/2019	1	1	0.1098	0.1098
1917238	90026	DB	UC	3/4"	596	Less than or equal to 60	Code 1	B	S	8/28/2019		8/28/2019	240	1	0.1098	26.352
1917246	91784	MB	P		118	Less than or equal to 60	Code 1	B	S	8/28/2019		8/28/2019	240	1	0.1098	26.352
1917268	92625	DB	UC	3/4"	808	Less than or equal to 60	Code 1	B	S	8/28/2019		8/28/2019	240	1	0.1098	26.352
1917274	91755-5626	DB	PC	3/4"	793	Less than or equal to 60	Code 1	B	M	8/28/2019		8/28/2019	1	1	0.1098	0.1098
1917275	91101	DB	UC	1 1/4"	2091	Less than or equal to 60	Code 1	B	S	8/29/2019		8/29/2019	241	1	0.1098	26.4618
1917279	90706	MB	UC	6"	1044	Less than or equal to 60	Code 1	B	S	8/29/2019		8/29/2019	241	2	0.1098	26.4618
1917284	90601															

1917834	90049	DB	UC	1"	0	Less than or equal to 60	Code 1	B	1"	M	9/5/2019	43713	9/5/2019	1	1	0.1098	0.1098
1917837	91374	DB	UC	3/4"	757	Less than or equal to 60	Code 1	B	1"	S	9/6/2019		9/6/2019	249	1	0.1098	27.3402
1917888	90061	DB	P	1 1/2" CTS	480	Less than or equal to 60	Code 1	B	1"	S	9/6/2019		9/6/2019	249	1	0.1098	27.3402
1917886	90043	DB	PC	3/4"	818	Less than or equal to 60	Code 1	B	1"	S	9/6/2019		9/6/2019	249	1	0.1098	27.3402
1917870	92629	DB	UC	3/4"	674	Less than or equal to 60	Code 1	B	1"	S	9/6/2019		9/6/2019	249	1	0.1098	27.3402
1917877	92879	DB	UC	3/4"	666	Less than or equal to 60	Code 1	B	1"	S	9/6/2019		9/6/2019	249	1	0.1098	27.3402
1917888	91374	MB	UB	3/4"	755	Less than or equal to 60	Code 1	B	1"	M	9/6/2019		9/6/2019	249	1	0.1098	0.1098
1917890	90077	DB	Unknown	3/4"	821	Less than or equal to 60	Code 1	B	1"	S	9/6/2019		9/6/2019	249	1	0.1098	27.3402
1917895	90040	DB	UB	3/4"	0	Less than or equal to 60	Code 1	B	1"	S	9/6/2019		9/6/2019	249	1	0.1098	27.3402
1917896	91791-1052	DB	UC	3/4"	744	Less than or equal to 60	Code 1	B	1"	M	9/6/2019		9/6/2019	249	1	0.1098	0.1098
1917916	91374	DB	UC	3/4"	709	Less than or equal to 60	Code 1	B	1"	S	9/6/2019		9/6/2019	249	1	0.1098	27.3402
1917931	91436-1518	DB	P	1 1/2" IPS	513	Less than or equal to 60	Code 1	B	1"	S	9/6/2019		9/6/2019	1	1	0.1098	0.1098
1917934	91342	DB	UC	3/4"	795	Less than or equal to 60	Code 1	B	1"	M	9/6/2019		9/6/2019	1	1	0.1098	0.1098
1917937	91301	DB	P	1"	0	Less than or equal to 60	Code 1	B	1"	M	9/7/2019		9/7/2019	1	1	0.1098	0.1098
1917953	92146	DB	UC	3/4"	841	Less than or equal to 60	Code 1	B	1"	M	9/7/2019	43715	9/7/2019	1	1	0.1098	0.1098
1917956	90066	DB	PC	3/4"	50	Less than or equal to 60	Code 1	B	1"	M	9/8/2019		9/8/2019	1	1	0.1098	0.1098
1917977	92509	DB	P	1 1/2" IPS	807	Less than or equal to 60	Code 1	B	1"	S	9/9/2019		9/9/2019	252	1	0.1098	27.6696
1917988	92840	DB	PC	3/4"	677	Less than or equal to 60	Code 1	B	1"	S	9/9/2019		9/9/2019	252	1	0.1098	27.6696
1918000	91108	DB	UC	3/4"	612	Less than or equal to 60	Code 1	B	1"	S	9/9/2019		9/9/2019	252	1	0.1098	27.6696
1918006	90057	DB	P	1 1/2" IPS	466	Less than or equal to 60	Code 1	B	1"	S	9/9/2019		9/9/2019	252	1	0.1098	27.6696
1918010	92399	DB	UC	3/4"	224	Less than or equal to 60	Code 1	B	1"	S	9/9/2019		9/9/2019	252	1	0.1098	27.6696
1918018	90272	MB	UB	3/4"	1127	Less than or equal to 60	Code 1	B	1"	S	9/9/2019		9/9/2019	252	1	0.1098	27.6696
1918021	90723	DB	UC	3/4"	621	Less than or equal to 60	Code 1	B	1"	S	9/9/2019		9/9/2019	253	1	0.1098	27.7794
1918043	92804	DB	P	1"	386	Less than or equal to 60	Code 1	B	1"	S	9/9/2019		9/9/2019	252	1	0.1098	27.6696
1918062	92410	DB	P	1 1/2" CTS	806	Less than or equal to 60	Code 1	B	1"	M	9/9/2019		9/9/2019	1	1	0.1098	0.1098
1918065	92009-9405	DB	P	1 1/2" IPS	0	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	1	1	0.1098	0.1098
1918074	92672	MB	PC	2"	695	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	253	1	0.1098	27.7794
1918077	92646	DB	P	1 1/2" IPS	532	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	253	1	0.1098	27.7794
1918090	91363	MB	UB	2"	2067	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	254	1	0.1098	27.8892
1918096	92708	DB	PC	3/4"	581	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	253	1	0.1098	27.7794
1918101	92335	DB	UB	3/4"	856	Less than or equal to 60	Code 1	B	1"	M	9/10/2019		9/10/2019	1	1	0.1098	0.1098
1918103	92120	DB	UC	3/4"	203	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	255	1	0.1098	27.999
1918104	91770-2605	MB	P	2"	521	Less than or equal to 60	Code 1	B	1"	M	9/10/2019	43718	9/10/2019	1	1	0.1098	0.1098
1918109	90027	DB	P	1 1/2" CTS	733	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	253	1	0.1098	27.7794
1918110	91354-3521	DB	UC	3/4"	671	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	1	1	0.1098	0.1098
1918114	91606	DB	UC	3/4"	755	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	253	1	0.1098	27.7794
1918118	92804	DB	P	1"	386	Less than or equal to 60	Code 1	B	1"	S	9/10/2019		9/10/2019	253	1	0.1098	27.7794
1918117	92870	DB	PC	3/4"	667	Less than or equal to 60	Code 1	B	1"	S	9/11/2019		9/11/2019	254	1	0.1098	27.8892
1918174	91767	DB	UC	3/4"	709	Less than or equal to 60	Code 1	B	1"	M	9/11/2019		9/11/2019	1	1	0.1098	0.1098
1918206	91343-3144	DB	UC	3/4"	734	Less than or equal to 60	Code 1	B	1"	S	9/11/2019		9/11/2019	1	1	0.1098	0.1098
1918231	91803	MB	P	1"	441	Less than or equal to 60	Code 1	B	1"	S	9/12/2019		9/12/2019	255	1	0.1098	27.999
1918234	91030	DB	UC	3/4"	836	Less than or equal to 60	Code 1	B	1"	S	9/12/2019		9/12/2019	255	1	0.1098	27.999
1918249	92636	MB	UC	2"	852	Less than or equal to 60	Code 1	B	1"	S	9/12/2019		9/12/2019	256	2	0.1098	28.1088
1918257	92377	MB	P	2"	495	Less than or equal to 60	Code 1	B	1"	S	9/12/2019		9/12/2019	256	2	0.1098	28.1088
1918279	90049	DB	P	1 1/2" CTS	662	Less than or equal to 60	Code 1	B	1"	S	9/12/2019		9/12/2019	256	2	0.1098	28.1088
1918291	90063	DB	UC	3/4"	514	Less than or equal to 60	Code 1	B	1"	S	9/12/2019		9/12/2019	255	1	0.1098	27.999
1918302	91754	DB	UC	3/4"	751	Less than or equal to 60	Code 1	B	1"	S	9/12/2019		9/12/2019	256	1	0.1098	28.1088
1918318	90745	DB	PC	1 1/4"	708	Less than or equal to 60	Code 1	B	1"	M	9/13/2019		9/13/2019	1	1	0.1098	0.1098
1918327	91345	DB	UB	3/4"	761	Less than or equal to 60	Code 1	B	1"	M	9/13/2019		9/13/2019	1	1	0.1098	0.1098
1918340	90791	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	1"	S	9/13/2019		9/13/2019	256	1	0.1098	28.1088
1918383	90066	MB	P	1"	478	Less than or equal to 60	Code 1	B	1"	S	9/13/2019		9/13/2019	256	1	0.1098	28.1088
1918385	91103	DB	UB	3/4"	1307	Less than or equal to 60	Code 1	B	1"	S	9/13/2019		9/13/2019	1	1	0.1098	0.1098
1918390	92146-5562	DB	P	1 1/2" CTS	370	Less than or equal to 60	Code 1	B	1"	M	9/13/2019		9/13/2019	1	1	0.1098	0.1098
1918397	90291	DB	UC	1"	868	Less than or equal to 60	Code 1	B	1"	S	9/13/2019		9/13/2019	256	1	0.1098	28.1088
1918397	90223-1926	DB	UC	3/4"	655	Less than or equal to 60	Code 1	B	1"	M	9/14/2019		9/14/2019	1	1	0.1098	0.1098
1918441	92187-4028	DB	P	4"	386	Less than or equal to 60	Code 1	B	1"	M	9/14/2019		9/14/2019	1	1	0.1098	0.1098
1918448	92592	DB	P	1 1/2" CTS	484	Less than or equal to 60	Code 1	B	1"	S	9/13/2019		9/13/2019	1	1	0.1098	0.1098
1918451	90057	MB	UC	4"	2062	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	259	1	0.1098	28.882
1918461	91103	MB	UC	1"	1151	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	259	1	0.1098	28.882
1918469	93552	DB	P	1 1/2" CTS	405	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	259	1	0.1098	28.882
1918482	90011	MB	PC	2"	805	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	260	2	0.1098	28.548
1918483	90057	MB	UC	1"	712	Less than or equal to 60	Code 1	B	1"	S	9/17/2019		9/17/2019	260	1	0.1098	28.548
1918486	92672	MB	PC	2"	803	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	259	1	0.1098	28.882
1918492	90731	DB	UC	1"	815	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	259	1	0.1098	28.882
1918495	90068	DB	P	6 1/2" CTS	484	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	259	1	0.1098	28.882
1918507	90712	DB	UC	3/4"	833	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	259	1	0.1098	28.882
1918511	90057	MB	P	2"	2040	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	260	1	0.1098	28.548
1918523	90240	DB	UC	3/4"	789	Less than or equal to 60	Code 1	B	1"	M	9/16/2019		9/16/2019	1	1	0.1098	0.1098
1918555	91702	DB	UB	3/4"	261	Less than or equal to 60	Code 1	B	1"	M	9/16/2019		9/16/2019	1	1	0.1098	0.1098
1918556	92373	DB	UC	3/4"	424	Less than or equal to 60	Code 1	B	1"	S	9/16/2019		9/16/2019	1	1	0.1098	0.1098
1918594	90501	DB	PC	1"	449	Less than or equal to 60	Code 1	B	1"	S	9/17/2019		9/17/2019	260	1	0.1098	28.548
1918605	90291	DB	P	2"	438	Less than or equal to 60	Code 1	B	1"	S	9/17/2019		9/17/2019	260	1	0.1098	28.548
1918627	90440	MB	P	2"	305	Less than or equal to 60	Code 1	B	1"	S	9/17/2019		9/17/2019	261	1	0.1098	28.578
1918641	90009	DB	P	1 1/2" IPS	20	Less than or equal to 60	Code 1	B	1"	S	9/17/2019		9/17/2019	261	2	0.1098	28.6578
1918652	91214-2655	DB	UB	3/4"	787	Less than or equal to 60	Code 1	B	1"	M	9/17/2019		9/17/2019	1	1	0.1098	0.1098
1918657	92407	MB	P	1"	746	Less than or equal to 60	Code 1	B	1"	S	9/17/2019		9/17/2019	1	1	0.1098	0.1098
1918658	90680-3132	DB	PC	3/4"	766	Less than or equal to 60	Code 1	B	1"	S	9/17/2019		9/17/2019	1	1	0.1098	0.1098
1918676	90623	MB	P	2"	590</												

1919157	91331	DB	UC	3/4"	905	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	268	1	0.1098	29.4264
1919166	90242-3418	DB	UC	1"	0	Less than or equal to 60	Code 1	B	M	9/15/2019	9/15/2019	1	1	0.1098	0.1098
1919171	91010	UB	M	2"	743	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	269	2	0.1098	29.3362
1919186	90044	MB	P	2"	428	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	268	1	0.1098	29.4264
1919188	90006	DB	UC	1"	1151	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	268	1	0.1098	29.4264
1919189	90006	MB	P	2"	428	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	268	1	0.1098	29.4264
1919195	91207-1154	DB	PC	1"	947	Less than or equal to 60	Code 1	B	M	9/15/2019	9/15/2019	1	1	0.1098	0.1098
1919208	90402	MB	P	2"	443	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	268	1	0.1098	29.4264
1919216	91262	MB	UC	2"	720	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	268	1	0.1098	29.4264
1919240	91570	DB	P	1/2" IPS	498	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	268	1	0.1098	29.4264
1919246	90402	MB	P	2"	443	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	268	1	0.1098	29.4264
1919260	91502-2307	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	9/15/2019	9/15/2019	1	1	0.1098	0.1098
1919267	91745	MB	P	2"	508	Less than or equal to 60	Code 1	B	S	9/16/2019	9/16/2019	269	1	0.1098	29.3362
1919286	91040	DB	UC	3/4"	859	Less than or equal to 60	Code 1	B	S	9/16/2019	9/16/2019	269	1	0.1098	29.3362
1919291	91310	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	9/16/2019	9/16/2019	1	1	0.1098	0.1098
1919317	90402	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	9/16/2019	9/16/2019	269	1	0.1098	29.3362
1919319	90402	MB	UB	2"	755	Less than or equal to 60	Code 1	B	S	9/16/2019	9/16/2019	269	1	0.1098	29.3362
1919325	91042	MB	UB	2"	738	Less than or equal to 60	Code 1	B	M	9/16/2019	9/16/2019	1	1	0.1098	0.1098
1919327	91663	DB	P	1/2" CTS	426	Less than or equal to 60	Code 1	B	M	9/16/2019	9/16/2019	1	1	0.1098	0.1098
1919328	90047	MB	PC	2"	1007	Less than or equal to 60	Code 1	B	S	9/16/2019	9/16/2019	269	1	0.1098	29.3362
1919331	91334	DB	UC	3/4"	774	Less than or equal to 60	Code 1	B	S	9/16/2019	9/16/2019	269	1	0.1098	29.3362
1919353	90031-1629	DB	UC	3/4"	727	Less than or equal to 60	Code 1	B	M	9/16/2019	9/16/2019	1	1	0.1098	0.1098
1919354	91879-4719	MB	P	2"	556	Less than or equal to 60	Code 1	B	M	9/16/2019	9/16/2019	1	1	0.1098	0.1098
1919364	91507	MB	UC	3"	904	Less than or equal to 60	Code 1	B	S	9/17/2019	9/17/2019	270	1	0.1098	29.646
1919375	91649	DB	PC	3/4"	697	Less than or equal to 60	Code 1	B	S	9/17/2019	9/17/2019	270	1	0.1098	29.646
1919407	90731	MB	UB	1"	0	Less than or equal to 60	Code 1	B	S	9/17/2019	9/17/2019	270	1	0.1098	29.646
1919421	91584	MB	P	2"	114	Less than or equal to 60	Code 1	B	S	9/17/2019	9/17/2019	270	1	0.1098	29.646
1919450	91001	MB	P	4"	453	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	271	1	0.1098	29.7558
1919466	91755-2939	DB	UC	1"	830	Less than or equal to 60	Code 1	B	M	9/18/2019	9/18/2019	1	1	0.1098	0.1098
1919475	91335	DB	P	1/2" IPS	538	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	271	1	0.1098	29.7558
1919486	90262	DB	UC	3/4"	802	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	273	1	0.1098	29.7574
1919501	91335	MB	UB	3/4"	780	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	273	1	0.1098	29.7574
1919524	90746	DB	P	1/2" CTS	154	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	273	1	0.1098	29.7574
1919525	91404	MB	P	4"	417	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	274	2	0.1098	30.0852
1919529	90566	DB	PC	3/4"	939	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	273	1	0.1098	29.7574
1919532	91342	DB	UC	1"	511	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	273	1	0.1098	29.7574
1919535	91201	DB	PC	3/4"	702	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	273	1	0.1098	29.7574
1919566	91321	DB	UC	3/4"	139	Less than or equal to 60	Code 1	B	M	9/18/2019	9/18/2019	1	1	0.1098	0.1098
1919570	91234-3315	MB	PC	4"	831	Less than or equal to 60	Code 1	B	M	9/18/2019	9/18/2019	1	1	0.1098	0.1098
1919588	91342	MB	UB	3"	1127	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	274	2	0.1098	30.0852
1919598	90021-4667	DB	P	1/2" IPS	385	Less than or equal to 60	Code 1	B	S	9/18/2019	9/18/2019	1	1	0.1098	0.1098
1919607	90023	MB	UC	4"	505	Less than or equal to 60	Code 1	B	S	10/1/2019	10/1/2019	275	2	0.1098	30.195
1919612	91635	MB	P	2"	487	Less than or equal to 60	Code 1	B	S	10/1/2019	10/1/2019	274	1	0.1098	30.0852
1919613	90262	MB	PC	2"	953	Less than or equal to 60	Code 1	B	S	10/1/2019	10/1/2019	274	1	0.1098	30.0852
1919616	91201	MB	P	2"	483	Less than or equal to 60	Code 1	B	S	10/1/2019	10/1/2019	274	1	0.1098	30.0852
1919628	91342	DB	P	1/2" CTS	39	Less than or equal to 60	Code 1	B	S	10/1/2019	10/1/2019	274	1	0.1098	30.0852
1919631	91246-2766	DB	P	2"	470	Less than or equal to 60	Code 1	B	M	10/1/2019	10/1/2019	1	1	0.1098	0.1098
1919637	91775	DB	UB	3/4"	682	Less than or equal to 60	Code 1	B	S	10/1/2019	10/1/2019	274	1	0.1098	30.0852
1919664	90063-1117	DB	P	1/2" CTS	0	Less than or equal to 60	Code 1	B	M	10/1/2019	10/1/2019	1	1	0.1098	0.1098
1919671	91311	DB	PC	3/4"	839	Less than or equal to 60	Code 1	B	S	10/1/2019	10/1/2019	274	1	0.1098	30.0852
1919681	91361-3437	DB	P	1/2" IPS	573	Less than or equal to 60	Code 1	B	M	10/1/2019	10/1/2019	1	1	0.1098	0.1098
1919708	91691	DB	UB	3/4"	534	Less than or equal to 60	Code 1	B	S	10/2/2019	10/2/2019	275	1	0.1098	30.195
1919702	91775	DB	UB	3/4"	746	Less than or equal to 60	Code 1	B	S	10/2/2019	10/2/2019	275	1	0.1098	30.195
1919764	91309	MB	P	2"	539	Less than or equal to 60	Code 1	B	S	10/2/2019	10/2/2019	275	1	0.1098	30.195
1919778	91276-6789	DB	P	1/2" CTS	312	Less than or equal to 60	Code 1	B	S	10/2/2019	10/2/2019	1	1	0.1098	0.1098
1919781	90049	DB	UC	4"	1139	Less than or equal to 60	Code 1	B	S	10/2/2019	10/2/2019	276	1	0.1098	30.1046
1919792	90250	DB	PC	3/4"	554	Less than or equal to 60	Code 1	B	S	10/2/2019	10/2/2019	276	1	0.1098	30.195
1919808	91021	MB	P	2"	475	Less than or equal to 60	Code 1	B	S	10/3/2019	10/3/2019	276	1	0.1098	30.1046
1919861	90039	MB	P	1"	1171	Less than or equal to 60	Code 1	B	S	10/3/2019	10/3/2019	277	1	0.1098	30.1446
1919872	91301	DB	P	1/2" CTS	271	Less than or equal to 60	Code 1	B	S	10/3/2019	10/3/2019	276	1	0.1098	30.1046
1919882	90210	MB	UC	8"	1284	Less than or equal to 60	Code 1	B	S	10/3/2019	10/3/2019	276	1	0.1098	30.1046
1919888	91042	DB	UC	1"	844	Less than or equal to 60	Code 1	B	S	10/3/2019	10/3/2019	276	1	0.1098	30.1046
1919889	90025	MB	UC	6"	1103	Less than or equal to 60	Code 1	B	S	10/3/2019	10/3/2019	276	1	0.1098	30.1046
1919953	90005	MB	P	2"	474	Less than or equal to 60	Code 1	B	S	10/4/2019	10/4/2019	277	1	0.1098	30.1446
1919967	91335	DB	UB	3/4"	881	Less than or equal to 60	Code 1	B	S	10/4/2019	10/4/2019	277	1	0.1098	30.1446
1919988	90045	DB	UC	3/4"	694	Less than or equal to 60	Code 1	B	S	10/4/2019	10/4/2019	278	2	0.1098	30.2444
1920021	91015	MB	P	2"	887	Less than or equal to 60	Code 1	B	S	10/5/2019	10/5/2019	279	1	0.1098	30.2442
1920059	91732	DB	P	1/2" CTS	479	Less than or equal to 60	Code 1	B	M	10/7/2019	10/7/2019	1	1	0.1098	0.1098
1920064	90063	DB	PC	1"	660	Less than or equal to 60	Code 1	B	S	10/7/2019	10/7/2019	280	1	0.1098	30.744
1920104	91277	DB	UC	3/4"	397	Less than or equal to 60	Code 1	B	S	10/7/2019	10/7/2019	280	1	0.1098	30.744
1920121	91010	MB	P	2"	506	Less than or equal to 60	Code 1	B	S	10/7/2019	10/7/2019	280	1	0.1098	30.744
1920132	90560	DB	UC	3/4"	773	Less than or equal to 60	Code 1	B	S	10/7/2019	10/7/2019	280	1	0.1098	30.744
1920139	91291-8060	DB	P	1/2" CTS	163	Less than or equal to 60	Code 1	B	M	10/7/2019	10/7/2019	1	1	0.1098	0.1098
1920177	91710-3838	MB	P	2"	542	Less than or equal to 60	Code 1	B	M	10/7/2019	10/7/2019	1	1	0.1098	0.1098
1920194	91741	MB	UB	2"	803	Less than or equal to 60	Code 1	B	S	10/8/2019	10/8/2019	281	1	0.1098	30.8538
1920197	91036-1531	MB	P	2"	471	Less than or equal to 60	Code 1	B	S	10/8/2019	10/8/2019	1	1	0.1098	0.1098
1920211	91766	MB	Unknown	2"	743	Less than or equal to 60	Code 1	B	S	10/8/2019	10/8/2019	281	1	0.1098	30.8538
1920221	90810	DB	UC	3/4"	697	Less than or equal to 60	Code 1	B	S	10/8/2019	10/8/2019	281	1	0.1098	30.8538
1920236	91334	DB	UC	3/4"	815	Less than or equal to 60	Code 1	B	S	10/8/2019	10/8/2019	281	1	0.1098	30.8538
1920238	90560	DB	UC	3/4"	798	Less than or equal to 60	Code 1	B	S	10/8/2019	10/8/2019	281	1	0.1098	30.8538
1920248	91335	DB	UB	3/4"	662	Less than or equal to 60	Code 1	B	M	10/8/2019	10/8/2019	1	1	0.1098	0.1098
1920270	91708	DB	PC	3/4"	676	Less than or equal to 60	Code 1	B	S	10/8/2019	10/8/2019	281	1	0.1098	30.8538
1920277	90272-3446	DB	PC	3/4"	1065	Less than or equal to 60									

1920721	92675-4829	MB	P	4"	569	Less than or equal to 60	Code 1	B	M	10/15/2019	43753	10/15/2019	1	1	0.1098	0.1098
1920725	90630	DB	UC	3/4"	662	Less than or equal to 60	Code 1	B	S	10/15/2019		10/15/2019	288	1	0.1098	31.6224
1920745	92404	MB	UB	2"	351	Less than or equal to 60	Code 1	B	S	10/15/2019		10/15/2019	288	1	0.1098	31.6224
1920774	92405-2026	MB	PB	2"	829	Less than or equal to 60	Code 1	B	M	10/15/2019	43753	10/15/2019	1	1	0.1098	0.1098
1920781	90008-1339	MB	PC	2"	969	Less than or equal to 60	Code 1	B	S	10/15/2019	43753	10/15/2019	1	1	0.1098	0.1098
1920782	90670-2314	DB	P	1/2" CTS	412	Less than or equal to 60	Code 1	B	M	10/15/2019	43753	10/15/2019	1	1	0.1098	0.1098
1920793	92352	DB	UB	1"	283	Less than or equal to 60	Code 1	B	M	10/16/2019	43754	10/16/2019	1	1	0.1098	0.1098
1920794	91108	MB	UB	3"	988	Less than or equal to 60	Code 1	B	S	10/16/2019		10/16/2019	289	1	0.1098	31.7322
1920817	92371-3646	MB	PC	2"	871	Less than or equal to 60	Code 1	B	M	10/16/2019	43754	10/16/2019	1	1	0.1098	0.1098
1920839	90011	DB	PC	3/4"	766	Less than or equal to 60	Code 1	B	S	10/16/2019		10/16/2019	289	1	0.1098	31.7322
1920862	92334	DB	PC	3/4"	961	Less than or equal to 60	Code 1	B	S	10/16/2019		10/16/2019	289	1	0.1098	31.7322
1920881	91400	DB	P	3/4"	580	Less than or equal to 60	Code 1	B	S	10/16/2019		10/16/2019	289	1	0.1098	31.7322
1920885	90003	DB	PC	3/4"	763	Less than or equal to 60	Code 1	B	S	10/16/2019		10/16/2019	289	1	0.1098	31.7322
1920893	92346	MB	PB	2"	700	Less than or equal to 60	Code 1	B	S	10/16/2019		10/16/2019	289	1	0.1098	0.1098
1920895	93422-7828	MB	P	3/4"	519	Less than or equal to 60	Code 1	B	M	10/16/2019	43754	10/16/2019	1	1	0.1098	0.1098
1920916	91108	MB	UB	2"	982	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1920930	90001	MB	PC	2"	758	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1920936	90022	MB	P	2"	336	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1920949	92507	DB	UC	3/4"	669	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1920951	90032	DB	PC	3/4"	580	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1920952	90262	MB	UC	2"	1003	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1920953	91710	MB	UB	2"	647	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1920955	90650	DB	UC	3/4"	835	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1920956	90606	MB	UC	10"	1175	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	291	2	0.1098	31.9518
1920962	92653	DB	PC	3/4"	515	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1920967	91302	DB	P	1/2" IPS	218	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	291	2	0.1098	31.9518
1920997	93065	DB	PC	3/4"	657	Less than or equal to 60	Code 1	B	S	10/17/2019		10/17/2019	290	1	0.1098	31.842
1921000	92236-2852	DB	PC	3/4"	0	Less than or equal to 60	Code 1	B	M	10/17/2019		10/17/2019	1	1	0.1098	0.1098
1921004	91691	MB	P	2"	523	Less than or equal to 60	Code 1	B	S	10/17/2019	43755	10/17/2019	1	1	0.1098	0.1098
1921022	90043	DB	PC	1"	971	Less than or equal to 60	Code 1	B	S	10/18/2019		10/18/2019	291	1	0.1098	31.9518
1921042	90042	DB	UC	3/4"	800	Less than or equal to 60	Code 1	B	S	10/18/2019		10/18/2019	291	1	0.1098	31.9518
1921075	91033	MB	P	2"	454	Less than or equal to 60	Code 1	B	S	10/18/2019		10/18/2019	291	1	0.1098	31.9518
1921087	90605-3844	DB	UC	3/4"	814	Less than or equal to 60	Code 1	B	M	10/18/2019	43756	10/18/2019	1	1	0.1098	0.1098
1921094	91263	DB	PC	3/4"	830	Less than or equal to 60	Code 1	B	S	10/19/2019		10/19/2019	292	1	0.1098	32.016
1921105	91406-3336	DB	P	1/2" CTS	508	Less than or equal to 60	Code 1	B	S	10/19/2019		10/19/2019	1	1	0.1098	0.1098
1921151	91723	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	S	10/21/2019		10/21/2019	294	1	0.1098	32.2812
1921155	90503	DB	UC	3/4"	779	Less than or equal to 60	Code 1	B	S	10/21/2019		10/21/2019	294	1	0.1098	32.2812
1921166	90012-2216	DB	UC	3/4"	632	Less than or equal to 60	Code 1	B	S	10/21/2019		10/21/2019	294	1	0.1098	32.2812
1921170	90011	DB	UC	1"	38	Less than or equal to 60	Code 1	B	S	10/21/2019		10/21/2019	294	1	0.1098	32.2812
1921181	90003	DB	PC	3/4"	608	Less than or equal to 60	Code 1	B	S	10/21/2019		10/21/2019	294	1	0.1098	32.2812
1921186	90033	MB	UC	1"	1109	Less than or equal to 60	Code 1	B	S	10/21/2019		10/21/2019	294	1	0.1098	32.2812
1921195	92530	MB	UC	2"	975	Less than or equal to 60	Code 1	B	S	10/21/2019		10/21/2019	295	2	0.1098	32.391
1921228	90603	DB	UB	3/4"	738	Less than or equal to 60	Code 1	B	M	10/21/2019	43759	10/21/2019	1	1	0.1098	0.1098
1921230	90701	DB	UC	3/4"	830	Less than or equal to 60	Code 1	B	S	10/21/2019		10/21/2019	295	1	0.1098	32.391
1921263	92507	DB	PC	3/4"	776	Less than or equal to 60	Code 1	B	S	10/22/2019		10/22/2019	295	1	0.1098	32.391
1921269	91106	MB	P	4"	464	Less than or equal to 60	Code 1	B	S	10/22/2019		10/22/2019	295	1	0.1098	32.391
1921303	92553	MB	UC	2"	875	Less than or equal to 60	Code 1	B	S	10/22/2019		10/22/2019	295	1	0.1098	32.391
1921363	92277	DB	UC	3/4"	639	Less than or equal to 60	Code 1	B	S	10/23/2019		10/23/2019	296	1	0.1098	32.5008
1921364	91108	DB	UC	3/4"	810	Less than or equal to 60	Code 1	B	S	10/23/2019		10/23/2019	297	2	0.1098	32.6106
1921373	91361	DB	UC	3/4"	721	Less than or equal to 60	Code 1	B	S	10/23/2019		10/23/2019	297	2	0.1098	32.6106
1921384	90042	DB	UB	3/4"	762	Less than or equal to 60	Code 1	B	M	10/23/2019	43761	10/23/2019	1	1	0.1098	0.1098
1921401	90002	DB	UC	3/4"	778	Less than or equal to 60	Code 1	B	S	10/23/2019		10/23/2019	296	2	0.1098	32.6106
1921403	91335	MB	UB	4"	875	Less than or equal to 60	Code 1	B	S	10/23/2019		10/23/2019	297	2	0.1098	32.6106
1921421	92840	DB	UC	3/4"	28	Less than or equal to 60	Code 1	B	M	10/23/2019		10/23/2019	1	1	0.1098	0.1098
1921427	91335	DB	P	1/2" CTS	517	Less than or equal to 60	Code 1	B	S	10/23/2019	43761	10/23/2019	1	1	0.1098	0.1098
1921426	91455	DB	PC	1"	820	Less than or equal to 60	Code 1	B	M	10/23/2019		10/23/2019	1	1	0.1098	0.1098
1921434	90408	MB	P	1"	459	Less than or equal to 60	Code 1	B	M	10/23/2019		10/23/2019	1	1	0.1098	0.1098
1921442	90235	DB	UC	1"	0	Less than or equal to 60	Code 1	B	S	10/23/2019		10/23/2019	1	1	0.1098	0.1098
1921445	90603	MB	P	2"	486	Less than or equal to 60	Code 1	B	S	10/24/2019		10/24/2019	297	1	0.1098	32.6106
1921467	91117	DB	UC	3/4"	600	Less than or equal to 60	Code 1	B	S	10/24/2019		10/24/2019	297	1	0.1098	32.6106
1921474	91601	MB	UC	3/4"	911	Less than or equal to 60	Code 1	B	S	10/24/2019		10/24/2019	297	1	0.1098	32.6106
1921475	90274	MB	UC	2"	781	Less than or equal to 60	Code 1	B	S	10/24/2019		10/24/2019	297	1	0.1098	32.6106
1921481	90003	DB	UC	3/4"	828	Less than or equal to 60	Code 1	B	S	10/24/2019		10/24/2019	297	1	0.1098	32.6106
1921489	91332	DB	UC	3/4"	841	Less than or equal to 60	Code 1	B	S	10/24/2019		10/24/2019	297	1	0.1098	32.6106
1921490	90001	DB	UC	3/4"	877	Less than or equal to 60	Code 1	B	S	10/24/2019		10/24/2019	297	1	0.1098	32.6106
1921494	91007-6907	DB	UC	3/2" CTS	279	Less than or equal to 60	Code 1	B	S	10/24/2019		10/24/2019	1	1	0.1098	0.1098
1921502	91737	MB	PC	3"	942	Less than or equal to 60	Code 1	B	M	10/24/2019	43762	10/24/2019	1	1	0.1098	0.1098
1921506	91730-4215	DB	UB	3/4"	771	Less than or equal to 60	Code 1	B	M	10/25/2019		10/25/2019	1	1	0.1098	0.1098
1921527	91750	DB	UC	3/4"	835	Less than or equal to 60	Code 1	B	S	10/25/2019		10/25/2019	298	1	0.1098	32.704
1921542	91230	MB	P	2"	511	Less than or equal to 60	Code 1	B	M	10/25/2019	43763	10/25/2019	1	1	0.1098	0.1098
1921541	91604	DB	P	1/2" IPS	508	Less than or equal to 60	Code 1	B	S	10/26/2019		10/26/2019	299	2	0.1098	32.802
1921584	91741	DB	UC	3/4"	623	Less than or equal to 60	Code 1	B	M	10/26/2019		10/26/2019	1	1	0.1098	32.802
1921586	91332-3844	DB	UC	3/4"	832	Less than or equal to 60	Code 1	B	S	10/26/2019		10/26/2019	1	1	0.1098	32.802
1921590	90016	DB	PC	3/4"	854	Less than or equal to 60	Code 1	B	S	10/26/2019		10/26/2019	299	1	0.1098	32.802
1921616	91746	DB	PC	1"	651	Less than or equal to 60	Code 1	B	S	10/27/2019		10/27/2019	1	1	0.1098	32.802
1921621	90026	MB	P	2"	43	Less than or equal to 60	Code 1	B	M	10/26/2019		10/26/2019	1	1	0.1098	0.1098
1921633	92618	MB	UB	3"	815	Less than or equal to 60	Code 1	B	S	10/28/2019		10/28/2019	301	1	0.1098	33.0498
1921636	90005	MB	UB	4"	221	Less than or equal to 60	Code 1	B	S	10/28/2019		10/28/2019	301	1	0.1098	33.0498
1921637	93003	MB	UC	2"	791	Less than or equal to 60	Code 1	B	S	10/28/2019		10/28/2019	301	1	0	

1922263	92352	DB	PC	3/4"	648	Less than or equal to 60	Code 1	B	M	11/4/2019	43773	11/4/2019	1	1	0.1098	0.1098
1922273	91367	MB	P	2"	428	Less than or equal to 60	Code 1	B	S	11/6/2019		11/7/2019	311	2	1.0098	34.1478
1922306	91108-2750	DB	UB	1"	814	Less than or equal to 60	Code 1	B	M	11/6/2019		11/6/2019	1	1	0.1098	0.1098
1922308	93105	DB	PC	3/4"	714	Less than or equal to 60	Code 1	B	M	11/6/2019		11/6/2019	1	1	0.1098	0.1098
1922351	92492	DB	UC	3/4"	587	Less than or equal to 60	Code 1	B	S	11/7/2019		11/7/2019	1	1	0.1098	34.1478
1922361	91607-1763	UC	PC	3/4"	523	Less than or equal to 60	Code 1	B	M	11/7/2019		11/7/2019	311	1	0.1098	1
1922389	90010	MB	P	2"	470	Less than or equal to 60	Code 1	B	M	11/7/2019	43776	11/7/2019	1	1	0.1098	0.1098
1922400	92705	DB	UC	1"	0	Less than or equal to 60	Code 1	B	M	11/3/2019	43772	11/3/2019	1	1	0.1098	0.1098
1922411	90540	DB	P	1"	479	Less than or equal to 60	Code 1	B	S	11/8/2019		11/8/2019	312	1	0.1098	34.5776
1922421	90262	MB	P	3"	412	Less than or equal to 60	Code 1	B	M	11/8/2019		11/8/2019	1	1	0.1098	0.1098
1922429	91354-1180	MB	P	4"	504	Less than or equal to 60	Code 1	B	M	11/8/2019		11/8/2019	1	1	0.1098	0.1098
1922431	91436	MB	P	2"	406	Less than or equal to 60	Code 1	B	M	11/8/2019		11/8/2019	1	1	0.1098	0.1098
1922451	93023	DB	P	2"	412	Less than or equal to 60	Code 1	B	M	11/8/2019		11/8/2019	1	1	0.1098	0.1098
1922457	90221	DB	UC	3/4"	933	Less than or equal to 60	Code 1	B	M	11/9/2019		11/9/2019	1	1	0.1098	0.1098
1922474	90241	DB	P	1"	271	Less than or equal to 60	Code 1	B	M	11/10/2019		11/10/2019	1	1	0.1098	1
1922482	91325	DB	P	1 1/2" CTS	341	Less than or equal to 60	Code 1	B	M	11/10/2019	43779	11/10/2019	1	1	0.1098	0.1098
1922483	91206	DB	UC	3/4"	695	Less than or equal to 60	Code 1	B	M	11/10/2019	43779	11/10/2019	1	1	0.1098	0.1098
1922508	90016	MB	P	2"	426	Less than or equal to 60	Code 1	B	M	11/9/2019	43778	11/9/2019	1	1	0.1098	0.1098
1922518	91277-5805	DB	P	1 1/2" IPS	509	Less than or equal to 60	Code 1	B	M	11/12/2019		11/12/2019	1	1	0.1098	0.1098
1922542	91206	MB	P	2"	414	Less than or equal to 60	Code 1	B	S	11/12/2019		11/12/2019	316	1	0.1098	34.6968
1922554	92567	DB	P	1"	479	Less than or equal to 60	Code 1	B	S	11/12/2019		11/12/2019	316	1	0.1098	34.6968
1922591	90032	DB	PC	3/4"	806	Less than or equal to 60	Code 1	B	M	11/12/2019		11/12/2019	1	1	0.1098	0.1098
1922601	92149	MB	P	2"	0	Less than or equal to 60	Code 1	B	S	11/12/2019		11/12/2019	316	1	0.1098	34.6968
1922624	90304	MB	UC	2"	875	Less than or equal to 60	Code 1	B	S	11/13/2019		11/13/2019	317	1	0.1098	34.8066
1922630	92627	DB	UB	2"	662	Less than or equal to 60	Code 1	B	S	11/13/2019		11/13/2019	317	1	0.1098	34.8066
1922637	93653	MB	P	2"	429	Less than or equal to 60	Code 1	B	S	11/13/2019		11/13/2019	317	1	0.1098	34.8066
1922644	93455	MB	PC	3"	992	Less than or equal to 60	Code 1	B	S	11/14/2019		11/14/2019	318	2	0.1098	34.9164
1922665	91001-3842	DB	UC	3/4"	670	Less than or equal to 60	Code 1	B	M	11/14/2019		11/14/2019	318	1	0.1098	0.1098
1922680	90065	DB	PC	3/4"	739	Less than or equal to 60	Code 1	B	S	11/14/2019		11/14/2019	318	1	0.1098	34.9164
1922691	92553	MB	P	3"	430	Less than or equal to 60	Code 1	B	S	11/14/2019		11/14/2019	319	2	0.1098	35.0262
1922696	90004	DB	UC	3/4"	546	Less than or equal to 60	Code 1	B	M	11/14/2019		11/14/2019	1	1	0.1098	0.1098
1922697	90031	DB	P	2"	503	Less than or equal to 60	Code 1	B	M	11/14/2019		11/14/2019	318	1	0.1098	34.9164
1922704	92880	MB	UC	6"	716	Less than or equal to 60	Code 1	B	S	11/14/2019		11/14/2019	318	1	0.1098	34.9164
1922725	92406	MB	PC	3"	755	Less than or equal to 60	Code 1	B	S	11/14/2019		11/14/2019	319	2	0.1098	35.0262
1922728	92626	DB	UB	1 1/4"	810	Less than or equal to 60	Code 1	B	M	11/14/2019		11/14/2019	318	1	0.1098	0.1098
1922734	90069	DB	UC	3/4"	788	Less than or equal to 60	Code 1	B	M	11/14/2019		11/14/2019	1	1	0.1098	0.1098
1922752	92592	DB	PC	3/4"	887	Less than or equal to 60	Code 1	B	M	11/15/2019		11/15/2019	1	1	0.1098	0.1098
1922760	91801	MB	PC	4"	982	Less than or equal to 60	Code 1	B	M	11/15/2019		11/15/2019	1	1	0.1098	0.1098
1922832	92262	DB	UC	3/4"	731	Less than or equal to 60	Code 1	B	M	11/16/2019		11/16/2019	1	1	0.1098	0.1098
1922845	92223	MB	UC	2"	1044	Less than or equal to 60	Code 1	B	M	11/17/2019		11/17/2019	1	1	0.1098	0.1098
1922851	91108	MB	P	2"	498	Less than or equal to 60	Code 1	B	S	11/18/2019		11/18/2019	322	1	0.1098	35.3556
1922903	92225	DB	P	1 1/2" IPS	502	Less than or equal to 60	Code 1	B	S	11/18/2019		11/18/2019	322	1	0.1098	35.3556
1922914	93428	MB	UB	3"	1024	Less than or equal to 60	Code 1	B	M	11/15/2019		11/15/2019	1	1	0.1098	0.1098
1922915	91607	DB	P	2"	481	Less than or equal to 60	Code 1	B	S	11/18/2019		11/18/2019	323	1	0.1098	35.4654
1922916	93219	MB	P	2"	505	Less than or equal to 60	Code 1	B	S	11/18/2019		11/18/2019	324	3	0.1098	35.5752
1922991	92627	DB	P	1 1/2" IPS	539	Less than or equal to 60	Code 1	B	S	11/19/2019		11/19/2019	323	1	0.1098	35.4654
1922992	91763	DB	UC	3/4"	935	Less than or equal to 60	Code 1	B	M	11/19/2019		11/19/2019	324	1	0.1098	0.1098
1922998	90059	MB	P	2"	507	Less than or equal to 60	Code 1	B	S	11/19/2019		11/19/2019	324	2	0.1098	35.5752
1923002	92626	MB	PC	6"	732	Less than or equal to 60	Code 1	B	M	11/19/2019	43788	11/19/2019	1	1	0.1098	0.1098
1923003	91274	DB	P	1"	5	Less than or equal to 60	Code 1	B	M	11/19/2019		11/19/2019	1	1	0.1098	0.1098
1923009	90304	DB	P	1 1/2" CTS	371	Less than or equal to 60	Code 1	B	M	11/19/2019		11/19/2019	1	1	0.1098	0.1098
1923020	92869	DB	UC	3/4"	612	Less than or equal to 60	Code 1	B	M	11/19/2019		11/19/2019	1	1	0.1098	0.1098
1923021	90022	MB	P	3"	510	Less than or equal to 60	Code 1	B	M	11/19/2019	43788	11/19/2019	1	1	0.1098	0.1098
1923034	92683	MB	P	2"	0	Less than or equal to 60	Code 1	B	S	11/20/2019		11/20/2019	324	1	0.1098	35.5752
1923047	91401	DB	PC	3/4"	605	Less than or equal to 60	Code 1	B	S	11/20/2019		11/20/2019	324	1	0.1098	35.5752
1923057	91021-2716	UC	UC	1 1/2"	418	Less than or equal to 60	Code 1	B	M	11/20/2019		11/20/2019	1	1	0.1098	1
1923059	91024	MB	P	2"	488	Less than or equal to 60	Code 1	B	M	11/20/2019		11/20/2019	1	1	0.1098	0.1098
1923084	92660	MB	P	4"	507	Less than or equal to 60	Code 1	B	M	11/21/2019		11/21/2019	1	1	0.1098	0.1098
1923090	90292	DB	P	1 1/2" IPS	512	Less than or equal to 60	Code 1	B	S	11/21/2019		11/21/2019	325	1	0.1098	35.685
1923094	92251	MB	P	3"	411	Less than or equal to 60	Code 1	B	M	11/21/2019		11/21/2019	326	2	0.1098	35.7948
1923120	93486	DB	UB	3/4"	440	Less than or equal to 60	Code 1	B	M	11/21/2019		11/21/2019	1	1	0.1098	0.1098
1923121	93035	MB	P	1"	367	Less than or equal to 60	Code 1	B	M	11/21/2019		11/21/2019	1	1	0.1098	0.1098
1923131	90731	DB	UC	3/4"	772	Less than or equal to 60	Code 1	B	M	11/21/2019	43790	11/21/2019	1	1	0.1098	0.1098
1923164	91436-1159	DB	P	1 1/2" CTS	425	Less than or equal to 60	Code 1	B	M	11/22/2019		11/22/2019	1	1	0.1098	0.1098
1923171	90775	DB	UC	3/4"	735	Less than or equal to 60	Code 1	B	M	11/22/2019	43791	11/22/2019	1	1	0.1098	0.1098
1923196	92821	MB	P	2"	659	Less than or equal to 60	Code 1	B	S	11/22/2019		11/22/2019	327	2	0.1098	35.9046
1923212	92284	MB	P	4"	727	Less than or equal to 60	Code 1	B	M	11/23/2019	43794	11/23/2019	1	1	0.1098	0.1098
1923258	90004	DB	P	1 1/2" CTS	517	Less than or equal to 60	Code 1	B	M	11/23/2019	43792	11/23/2019	1	1	0.1098	0.1098
1923262	92509	MB	UB	3"	1115	Less than or equal to 60	Code 1	B	M	11/23/2019		11/23/2019	1	1	0.1098	0.1098
1923300	91500	DB	PC	3/4"	559	Less than or equal to 60	Code 1	B	M	11/25/2019		11/25/2019	1	1	0.1098	0.1098
1923303	92651	MB	P	2"	193	Less than or equal to 60	Code 1	B	M	11/25/2019		11/25/2019	1	1	0.1098	0.1098
1923309	90047	DB	UC	3/4"	864	Less than or equal to 60	Code 1	B	M	11/25/2019		11/25/2019	1	1	0.1098	0.1098
1923310	91706	DB	UC	3/4"	834	Less than or equal to 60	Code 1	B	M	11/25/2019	43794	11/25/2019	1	1	0.1098	0.1098
1923334	90274	DB	UC	3/4"	834	Less than or equal to 60	Code 1	B	M	11/26/2019		11/26/2019	1	1	0.1098	0.1098
1923351	90068	MB	P	2"	417	Less than or equal to 60	Code 1	B	S	11/26/2019		11/26/2019	330	1	0.1098	36.234
1923382	91360	DB	P	1"	649	Less than or equal to 60	Code 1	B	M	11/26/2019		11/26/2019	1	1	0.1098	0.1098
1923387	90004	MB	P	3"	531	Less than or equal to 60	Code 1	B	M	11/26/2019	43795	11/26/2019	1	1	0.1098	0.1098
1923388	91311	DB	P	1 1/2" IPS	520	Less than or equal to 60	Code 1	B	M	11/26/2019		11/26/2019	1	1	0.1098	0.1098
1923392	91104	DB	P	3/4"	834	Less than or equal to 60	Code 1	B	M	11/26/2019		11/26/2019	1	1	0.1098	0.1098
1923393	90712	MB	P	2"	507	Less than or equal to 60	Code 1	B	M	11/26/2019	43795	11/26/2019				

1924076	91010	DB	P	1/2" IPS	568	Less than or equal to 60	Code 1	B	M	12/10/2019	12/10/2019	1	1	0.1098	0.1098
1924117	91722	DB	PC	3/4"	750	Less than or equal to 60	Code 1	B	M	12/10/2019	12/10/2019	1	1	0.1098	0.1098
1924142	91875	DB	P	1"	145	Less than or equal to 60	Code 1	B	M	12/11/2019	12/11/2019	1	1	0.1098	0.1098
1924143	91768-1617	DB	UC	1 1/4"	1099	Less than or equal to 60	Code 1	B	M	12/11/2019	12/11/2019	1	1	0.1098	0.1098
1924165	91800-6121	DB	UC	3/4"	389	Less than or equal to 60	Code 1	B	M	12/12/2019	12/12/2019	1	1	0.1098	0.1098
1924167	91016	DB	UC	3/4"	814	Less than or equal to 60	Code 1	B	M	12/11/2019	12/11/2019	1	1	0.1098	0.1098
1924185	91722	MB	UB	2"	779	Less than or equal to 60	Code 1	B	M	12/12/2019	12/12/2019	1	1	0.1098	0.1098
1924186	91827	MB	P	2"	357	Less than or equal to 60	Code 1	B	M	12/12/2019	12/12/2019	1	1	0.1098	0.1098
1924216	92335-2448	DB	UB	3/4"	868	Less than or equal to 60	Code 1	B	M	12/12/2019	12/12/2019	1	1	0.1098	0.1098
1924255	90810-1348	DB	UC	3/4"	683	Less than or equal to 60	Code 1	B	M	12/12/2019	12/12/2019	1	1	0.1098	0.1098
1924291	90030	MB	UB	3"	1115	Less than or equal to 60	Code 1	B	S	12/13/2019	12/13/2019	347	1	0.1098	88.1006
1924296	91768	MB	P	3"	448	Less than or equal to 60	Code 1	B	M	12/13/2019	12/13/2019	1	1	0.1098	0.1098
1924297	91344-5838	DB	UC	1"	656	Less than or equal to 60	Code 1	B	M	12/13/2019	12/13/2019	1	1	0.1098	0.1098
1924305	92335-5920	DB	UB	3/4"	691	Less than or equal to 60	Code 1	B	M	12/13/2019	12/13/2019	1	1	0.1098	0.1098
1924311	91403	DB	UC	1"	887	Less than or equal to 60	Code 1	B	M	12/13/2019	12/13/2019	1	1	0.1098	0.1098
1924341	90019	DB	UC	1"	456	Less than or equal to 60	Code 1	B	M	12/14/2019	12/14/2019	1	1	0.1098	0.1098
1924345	90043	DB	PC	3/4"	693	Less than or equal to 60	Code 1	B	M	12/16/2019	12/16/2019	1	1	0.1098	0.1098
1924433	92374	DB	P	1/2" CTS	131	Less than or equal to 60	Code 1	B	M	12/17/2019	12/17/2019	1	1	0.1098	0.1098
1924471	90036	MB	P	3"	390	Less than or equal to 60	Code 1	B	M	12/17/2019	12/17/2019	1	1	0.1098	0.1098
1924474	92504	MB	PB	2"	875	Less than or equal to 60	Code 1	B	M	12/17/2019	12/17/2019	1	1	0.1098	0.1098
1924481	90033	DB	P	1"	28	Less than or equal to 60	Code 1	B	M	12/17/2019	12/17/2019	1	1	0.1098	0.1098
1924561	90405	DB	UC	3/4"	671	Less than or equal to 60	Code 1	B	M	12/18/2019	12/18/2019	1	1	0.1098	0.1098
1924567	91406-5018	DB	PC	3/4"	447	Less than or equal to 60	Code 1	B	M	12/18/2019	12/18/2019	1	1	0.1098	0.1098
1924607	92807-2738	DB	UC	1 1/4"	0	Less than or equal to 60	Code 1	B	M	12/19/2019	12/19/2019	1	1	0.1098	0.1098
1924608	91360-1304	DB	PC	3/4"	623	Less than or equal to 60	Code 1	B	M	12/19/2019	12/19/2019	1	1	0.1098	0.1098
1924625	91011	DB	Unknown	Unknown	0	Less than or equal to 60	Code 1	B	M	12/19/2019	12/19/2019	1	1	0.1098	0.1098
1924709	90265	MB	UC	3"	939	Less than or equal to 60	Code 1	B	M	12/20/2019	12/20/2019	1	1	0.1098	0.1098
1924732	92804	MB	P	2"	417	Less than or equal to 60	Code 1	B	M	12/21/2019	12/21/2019	1	1	0.1098	0.1098
1924734	91705	MB	UB	2"	707	Less than or equal to 60	Code 1	B	M	12/21/2019	12/21/2019	1	1	0.1098	0.1098
1924773	90001-3715	DB	P	1/2" CTS	620	Less than or equal to 60	Code 1	B	M	12/23/2019	12/23/2019	1	1	0.1098	0.1098
1924776	91343-2313	DB	PC	3/4"	858	Less than or equal to 60	Code 1	B	M	12/24/2019	12/24/2019	1	1	0.1098	0.1098
1924778	91207	DB	P	1/2" CTS	498	Less than or equal to 60	Code 1	B	M	12/24/2019	12/24/2019	1	1	0.1098	0.1098
1924827	92673-3503	DB	P	1/2" IPS	11	Less than or equal to 60	Code 1	B	M	12/26/2019	12/26/2019	1	1	0.1098	0.1098
1924877	90247	MB	P	2"	437	Less than or equal to 60	Code 1	B	M	12/27/2019	12/27/2019	1	1	0.1098	0.1098
1924878	90731-6133	DB	UC	1"	809	Less than or equal to 60	Code 1	B	M	12/27/2019	12/27/2019	1	1	0.1098	0.1098
1924885	92625	MB	P	2"	556	Less than or equal to 60	Code 1	B	M	12/27/2019	12/27/2019	1	1	0.1098	0.1098
1924890	91765	MB	PC	1 1/4"	682	Less than or equal to 60	Code 1	B	M	12/27/2019	12/27/2019	1	1	0.1098	0.1098
1924911	91550-3322	DB	UB	3/4"	746	Less than or equal to 60	Code 1	B	M	12/28/2019	12/28/2019	1	1	0.1098	0.1098
1924920	92883	MB	UB	2"	1031	Less than or equal to 60	Code 1	B	M	12/28/2019	12/28/2019	1	1	0.1098	0.1098
1924924	91015	DB	UB	3/4"	808	Less than or equal to 60	Code 1	B	M	12/28/2019	12/28/2019	1	1	0.1098	0.1098
1924927	92410	MB	UB	2"	839	Less than or equal to 60	Code 1	B	M	12/29/2019	12/29/2019	1	1	0.1098	0.1098
1924928	92399	DB	UC	3/4"	701	Less than or equal to 60	Code 1	B	M	12/29/2019	12/29/2019	1	1	0.1098	0.1098
1924929	90501	DB	UC	3/4"	585	Less than or equal to 60	Code 1	B	M	12/29/2019	12/29/2019	1	1	0.1098	0.1098
1924931	91762	MB	UC	3/4"	758	Less than or equal to 60	Code 1	B	M	12/29/2019	12/29/2019	1	1	0.1098	0.1098
1924943	90002-1530	DB	UC	3/4"	741	Less than or equal to 60	Code 1	B	M	12/30/2019	12/30/2019	1	1	0.1098	0.1098
1924944	93501-1745	DB	UC	3/4"	800	Less than or equal to 60	Code 1	B	M	12/30/2019	12/30/2019	1	1	0.1098	0.1098
1924986	92583-4829	DB	UC	3/4"	715	Less than or equal to 60	Code 1	B	M	12/30/2019	12/30/2019	1	1	0.1098	0.1098
1925017	93445	MB	P	2"	447	Less than or equal to 60	Code 1	B	M	12/30/2019	12/30/2019	1	1	0.1098	0.1098
1925020	91763	DB	UC	1"	971	Less than or equal to 60	Code 1	B	M	12/30/2019	12/30/2019	1	1	0.1098	0.1098
1925077	91350-2206	DB	P	3"	553	Less than or equal to 60	Code 1	B	M	12/31/2019	12/31/2019	1	1	0.1098	0.1098
1925078	90650-6504	DB	UC	3/4"	815	Less than or equal to 60	Code 1	B	M	12/31/2019	12/31/2019	1	1	0.1098	0.1098
1925084	91316	DB	P	1/2" CTS	218		Code 1	B	M	1/1/2019	1/1/2019	1	1	0.1098	0.1098
1925171	90008	DB	PC	3/4"	543		Code 1	B	M	1/1/2019	1/1/2019	1	1	0.1098	0.1098
1925384	91710	DB	P	1/2" CTS	155		Code 1	B	M	1/1/2019	1/1/2019	1	1	0.1098	0.1098
1926002	90713	DB	PC	3/4"	834		Code 1	B	M	1/7/2019	1/7/2019	1	1	0.1098	0.1098
1926478	91746	DB	UB	3/4"	432		Code 1	B	M	1/7/2019	1/7/2019	1	1	0.1098	0.1098
1926580	90504	DB	PC	3/4"			Code 1	B	M	1/8/2019	1/8/2019	1	1	0.1098	0.1098
1927000	91789	DB	UC	3/4"	442		Code 1	B	S	1/10/2019	1/10/2019	10	1	0.1098	1.098
1927171	90026	DB	P	1/2" CTS			Code 1	B	M	1/18/2019	1/18/2019	1	1	0.1098	0.1098
1927370	90026	DB	P	1/2" CTS	456		Code 1	B	M	1/23/2019	1/23/2019	1	1	0.1098	0.1098
1928157	91872	DB	P	1/2" IPS	401		Code 1	B	M	1/24/2019	1/24/2019	1	1	0.1098	0.1098
1928660	92753	DB	P	1/2" CTS	401		Code 1	B	M	1/28/2019	1/28/2019	1	1	0.1098	0.1098
1929774	91505	DB	UC	3/4"	959		Code 1	B	M	1/28/2019	1/28/2019	1	1	0.1098	0.1098
1929857	91766	DB	UC	3/4"	1090		Code 1	B	M	1/29/2019	1/29/2019	1	1	0.1098	0.1098
1929950	91709	DB	P	1/2" CTS	272		Code 1	B	M	1/30/2019	1/30/2019	1	1	0.1098	0.1098
1929314	92201	DB	P	1/2" CTS	419		Code 1	B	M	2/1/2019	2/1/2019	1	1	0.1098	0.1098
1929359	90502	DB	P	1/2" CTS			Code 1	B	M	2/6/2019	2/6/2019	1	1	0.1098	0.1098
1929380	90305	DB	P	1/2" CTS	407		Code 1	B	M	2/6/2019	2/6/2019	1	1	0.1098	0.1098
1929391	90003	DB	UC	3/4"	874		Code 1	B	M	2/7/2019	2/7/2019	1	1	0.1098	0.1098
1929669	91011	DB	UC	3/4"			Code 1	B	M	2/11/2019	2/11/2019	1	1	0.1098	0.1098
1929811	91786	DB	P	1/2" CTS	460		Code 1	B	M	2/13/2019	2/13/2019	1	1	0.1098	0.1098
1929829	91710	DB	P	1/2" IPS	521		Code 1	B	M	2/13/2019	2/13/2019	1	1	0.1098	0.1098
1929797	90063	DB	P	1/2" CTS	346		Code 1	B	M	2/15/2019	2/15/2019	1	1	0.1098	0.1098
1930011	92530	DB	P	1/2" CTS	478		Code 1	B	M	2/17/2019	2/17/2019	1	1	0.1098	0.1098
1930019	91706	DB	PC	3/4"	551		Code 1	B	M	2/17/2019	2/17/2019	1	1	0.1098	0.1098
1930146	90504	DB	UC	3/4"	852		Code 1	B	M	2/20/2019	2/20/2019	1	1	0.1098	0.1098
1930257	91325	DB	UC	3/4"	489		Code 1	B	M	2/21/2019	2/21/2019	1	1	0.1098	0.1098
1930258	90027	DB	P	1/2" IPS	156		Code 1	B	M	2/21/2019	2/21/2019	1	1	0.1098	0.1098
1930399	92543	DB	UC	3/4"	294		Code 1	B	M	2/23/2019	2/23/2019	1	1	0.1098	0.1098
1930457	91345	DB	UC	3/4"	779		Code 1	B	M	2/23/2019	2/23/2019	1	1	0.1098	0.1098
1930478	90278	DB	UC	3/4"	324		Code 1	B	M	2/24/2019	2/24/2019	1	1	0.1098	0.1098
1930702	91311	DB	P	1/2" CTS	381		Code 1	B	M	2/27/2019	2/27/2019	1	1	0.1098	0.1098
1930714	90250	DB	P	1/2" CTS	263		Code 1	B	M	2/27/2019	2/27/2019	1	1	0.1098	0.1098
1930430	91406	DB	UC	3/4"	420		Code 1	B	M	3/9/2019	3/9/2019	1	1	0.1098	0.1098
1930434	91761	DB	UC	3/4"	503		Code 1	B	M</						

1908330	92270	DB	UB	3/4"	419	Code 1	B	S	4/30/2019	4/30/2019	120	1	0.1098	11.176
1908371	92501	DB	UB	3/4"	333	Code 1	B	M	4/30/2019	4/30/2019	1	1	0.1098	0.1098
1908389	92507-3467	DB	UB	3/4"	737	Code 1	B	M	5/1/2019	5/1/2019	1	1	0.1098	0.1098
1908567	93230	DB	PC	3/4"	811	Code 1	B	M	5/2/2019	5/2/2019	1	1	0.1098	0.1098
1908660	92501-2528	DB	UC	3/4"	71	Code 1	B	M	5/4/2019	5/4/2019	1	1	0.1098	0.1098
1908856	90272-1922	DB	UC	3/4"	395	Code 1	B	M	5/8/2019	5/8/2019	1	1	0.1098	0.1098
1909076	90505	DB	P	1/2" IPS		Code 1	B	S	5/9/2019	5/9/2019	1	1	0.1098	0.1098
1909098	91789	DB	UC	3/4"	415	Code 1	B	S	5/10/2019	5/10/2019	1	1	0.1098	14.274
1909188	92551	DB	UB	1"	499	Code 1	B	M	5/12/2019	5/12/2019	1	1	0.1098	0.1098
1909191	92595	DB	UC	3/4"	499	Code 1	B	M	5/12/2019	5/12/2019	1	1	0.1098	0.1098
1909507	92833-4830	DB	UC	3/4"	789	Code 1	B	M	5/13/2019	5/13/2019	1	1	0.1098	0.1098
1909521	90230-5176	DB	UB	3/4"	403	Code 1	B	M	5/15/2019	5/15/2019	1	1	0.1098	0.1098
1909527	92336-3802	DB	UC	3/4"	372	Code 1	B	M	5/15/2019	5/15/2019	1	1	0.1098	0.1098
1909588	92243	DB	P	1"		Code 1	B	M	5/16/2019	5/16/2019	1	1	0.1098	0.1098
1909608	91604-1351	DB	UC	3/4"	548	Code 1	B	M	5/17/2019	5/17/2019	1	1	0.1098	0.1098
1909688	90500-6451	DB	UC	3/4"	833	Code 1	B	M	5/19/2019	5/19/2019	1	1	0.1098	0.1098
1909772	90258	DB	UC	3/4"	495	Code 1	B	M	5/20/2019	5/20/2019	1	1	0.1098	0.1098
1909867	92804	DB	UC	1 1/4"	618	Code 1	B	S	5/22/2019	5/22/2019	142	1	0.1098	15.916
1909998	93230	DB	P	1/2" IPS	265	Code 1	B	M	5/22/2019	5/22/2019	1	1	0.1098	0.1098
1910098	91331-4410	DB	UC	3/4"	364	Code 1	B	M	5/23/2019	5/23/2019	1	1	0.1098	0.1098
1910172	92374	DB	UC	3/4"	234	Code 1	B	M	5/26/2019	5/26/2019	1	1	0.1098	0.1098
1910634	92882-2789	DB	UC	3/4"	134	Code 1	B	M	6/1/2019	6/1/2019	1	1	0.1098	0.1098
1910641	90723-4215	DB	UC	3/4"	406	Code 1	B	M	6/2/2019	6/2/2019	1	1	0.1098	0.1098
1910644	91710	DB	UC	3/4"	373	Code 1	B	M	6/2/2019	6/2/2019	1	1	0.1098	0.1098
1910796	90205-5509	DB	PC	3/4"	417	Code 1	B	M	6/3/2019	6/3/2019	1	1	0.1098	0.1098
1910835	90003-2110	DB	UB	3/4"		Code 1	B	M	6/4/2019	6/4/2019	1	1	0.1098	0.1098
1910836	91752	DB	UC	3/4"	479	Code 1	B	M	6/4/2019	6/4/2019	1	1	0.1098	0.1098
1911217	91766-4856	DB	UC	3/4"	426	Code 1	B	M	6/8/2019	6/8/2019	1	1	0.1098	0.1098
1911277	91350	DB	UC	3/4"	376	Code 1	B	S	6/11/2019	6/11/2019	162	1	0.1098	17.876
1911341	92503-3714	DB	UC	3/4"	825	Code 1	B	M	6/11/2019	6/11/2019	1	1	0.1098	0.1098
1911342	91302-3014	DB	UB	3/4"	377	Code 1	B	M	6/11/2019	6/11/2019	1	1	0.1098	0.1098
1911520	90008	DB	UC	3/4"	471	Code 1	B	M	6/13/2019	6/13/2019	1	1	0.1098	0.1098
1911616	92260	DB	PC	3/4"	521	Code 1	B	S	6/14/2019	6/14/2019	165	1	0.1098	18.117
1911657	91221-1562	DB	PC	3/4"	776	Code 1	B	M	6/15/2019	6/15/2019	1	1	0.1098	0.1098
1911954	91752-1003	DB	UC	3/4"		Code 1	B	M	6/16/2019	6/16/2019	1	1	0.1098	0.1098
1912203	92509	DB	PC	3/4"	819	Code 1	B	S	6/21/2019	6/21/2019	172	1	0.1098	18.856
1912205	92509	DB	PC	3/4"	819	Code 1	B	S	6/21/2019	6/21/2019	172	1	0.1098	18.856
1912231	91755	DB	UC	1"	377	Code 1	B	M	6/21/2019	6/21/2019	1	1	0.1098	0.1098
1912448	90059	DB	UC	3/4"	417	Code 1	B	M	6/23/2019	6/23/2019	1	1	0.1098	0.1098
1912569	92807	DB	UB	1"	407	Code 1	B	M	6/26/2019	6/26/2019	1	1	0.1098	0.1098
1912571	91320-4427	DB	PC	3/4"		Code 1	B	M	6/26/2019	6/26/2019	1	1	0.1098	0.1098
1912759	92234	DB	UC	3/4"	407	Code 1	B	M	6/28/2019	6/28/2019	1	1	0.1098	0.1098
1912935	91744-1819	DB	UC	3/4"	227	Code 1	B	M	7/2/2019	7/2/2019	1	1	0.1098	0.1098
1912975	91203-1111	DB	UC	3/4"	419	Code 1	B	M	7/2/2019	7/2/2019	1	1	0.1098	0.1098
1913000	90291-3284	DB	UC	3/4"	377	Code 1	B	M	7/2/2019	7/2/2019	1	1	0.1098	0.1098
1913545	91803-3518	DB	UC	3/4"	448	Code 1	B	M	7/11/2019	7/11/2019	1	1	0.1098	0.1098
1913566	92260-4719	DB	UC	3/4"	387	Code 1	B	M	7/11/2019	7/11/2019	1	1	0.1098	0.1098
1914013	93536	DB	PC	3/4"	778	Code 1	B	S	7/18/2019	7/18/2019	199	1	0.1098	21.8502
1914115	91606-3034	DB	UC	3/4"	887	Code 1	B	M	7/18/2019	7/18/2019	1	1	0.1098	0.1098
1914508	90023	DB	UC	1"	630	Code 1	B	S	7/24/2019	7/24/2019	205	1	0.1098	22.509
1914533	92646	DB	UC	3/4"	582	Code 1	B	S	7/24/2019	7/24/2019	205	1	0.1098	22.509
1914641	91740	DB	PC	3/4"	683	Code 1	B	M	7/25/2019	7/25/2019	1	1	0.1098	0.1098
1914706	90077-2914	DB	UC	3/4"	247	Code 1	B	M	7/25/2019	7/25/2019	1	1	0.1098	0.1098
1914794	91706	DB	UC	3/4"	431	Code 1	B	M	7/26/2019	7/26/2019	1	1	0.1098	0.1098
1915090	92374	DB	UB	3/4"	831	Code 1	B	M	7/30/2019	7/30/2019	1	1	0.1098	0.1098
1915203	90403-1503	DB	UC	1"	283	Code 1	B	M	7/31/2019	7/31/2019	1	1	0.1098	0.1098
1915220	90241-2211	DB	UC	3/4"	983	Code 1	B	M	8/1/2019	8/1/2019	1	1	0.1098	0.1098
1915312	90260-1405	DB	UC	3/4"	423	Code 1	B	M	8/2/2019	8/2/2019	1	1	0.1098	0.1098
1915366	92881-4294	DB	PC	3/4"	487	Code 1	B	M	8/4/2019	8/4/2019	1	1	0.1098	0.1098
1915540	90077	DB	UC	3/4"	247	Code 1	B	M	8/6/2019	8/6/2019	1	1	0.1098	0.1098
1915698	91752-1694	DB	PC	3/4"	471	Code 1	B	M	8/7/2019	8/7/2019	1	1	0.1098	0.1098
1916295	91016-2212	DB	UC	3/4"	802	Code 1	B	M	8/15/2019	8/15/2019	1	1	0.1098	0.1098
1916319	92262	DB	UC	3/4"	466	Code 1	B	S	8/16/2019	8/16/2019	228	1	0.1098	25.0344
1916801	92881	DB	UC	3/4"	475	Code 1	B	S	8/21/2019	8/21/2019	231	1	0.1098	25.384
1916802	90500	DB	UC	3/4"	836	Code 1	B	M	8/23/2019	8/23/2019	1	1	0.1098	0.1098
1917126	91761	DB	UC	3/4"	455	Code 1	B	S	8/27/2019	8/27/2019	239	1	0.1098	26.2422
1917297	91065-2811	DB	PC	3/4"	743	Code 1	B	M	8/28/2019	8/28/2019	1	1	0.1098	0.1098
1917332	93631	DB	PC	3/4"		Code 1	B	M	8/29/2019	8/29/2019	1	1	0.1098	0.1098
1917501	90004	DB	UC	3/4"		Code 1	B	M	8/30/2019	8/30/2019	1	1	0.1098	0.1098
1917571	91763-1503	DB	UC	3/4"	689	Code 1	B	M	9/3/2019	9/3/2019	1	1	0.1098	0.1098
1917717	91030-5006	DB	UC	3/4"	674	Code 1	B	M	9/4/2019	9/4/2019	1	1	0.1098	0.1098
1917740	90241-2627	DB	UC	3/4"	132	Code 1	B	M	9/4/2019	9/4/2019	1	1	0.1098	0.1098
1917796	91331-5529	DB	UC	3/4"	361	Code 1	B	M	9/5/2019	9/5/2019	1	1	0.1098	0.1098
1917822	90040-5611	DB	UC	3/4"		Code 1	B	M	9/9/2019	9/9/2019	1	1	0.1098	0.1098
1917831	90037	DB	UC	3/4"	773	Code 1	B	M	9/9/2019	9/9/2019	1	1	0.1098	0.1098
1918058	93410	DB	UC	3/4"	184	Code 1	B	M	9/9/2019	9/9/2019	1	1	0.1098	0.1098
1918111	91321	DB	UC	3/4"	430	Code 1	B	S	9/10/2019	9/10/2019	253	1	0.1098	27.7794
1918204	90042	DB	UC	3/4"	239	Code 1	B	M	9/11/2019	9/11/2019	1	1	0.1098	0.1098
1918214	92835	DB	UC	3/4"	762	Code 1	B	M	9/11/2019	9/11/2019	1	1	0.1098	0.1098
1918549	90712	DB	PC	3/4"	835	Code 1	B	M	9/16/2019	9/16/2019	1	1	0.1098	0.1098
1918611	90001	DB	UC	3/4"	655	Code 1	B	S	9/17/2019	9/17/2019	260	1	0.1098	28.548
1918626	92324	DB	UC	3/4"	475	Code 1	B	S	9/17/2019	9/17/2019	260	1	0.1098	28.548
1919203	91355-3510	DB	UC	3/4"	379	Code 1	B	M	9/25/2019	9/25/2019	1	1	0.1098	0.1098
1919429	91361-2391	DB	UC	3/4"		Code 1	B	M	9/27/2019	9/27/2019	1	1	0.1098	0.1098
1919748	90031-1127	DB	UC	3/4"	457	Code 1	B	M	10/2/2019	10/2/2019	1	1	0.1098	0.1098
1919810	92336	DB	UC	3/4"	414	Code 1	B	M	10/3/2019	10/3/2019	1	1	0.1098	0.1098
1920004	92625	DB	UC	3/4"	326	Code 1	B	M	10/4/2019	10/4/2019	1	1	0.1098	0.1098
1920094	90003-2801	DB	PC	3/4"	683	Code 1	B	M	10/7/2019	10/7/2019	1	1	0.1098	0.1098
1920169	93065	DB	UC	3/4"	397	Code 1	B	M	10/7/2019	10/7/2019	1	1	0.1098	0.1098
1920181	91364	DB	UC	3/4"	380	Code 1	B	M	10/7/2019	10/7/2019	1	1	0.1098	0.1098
1920280	90062-1009	DB	UC	3/4"	740	Code 1								

1903239	91301	DB	P	1/2" CTS	371	Less than or equal to 60	Code 1	B	M	2/20/2019	2/20/2019	1	1	0.1098	0.1098
1903347	91373	DB	P	1"	399	Less than or equal to 60	Code 1	B	M	2/11/2019	2/11/2019	1	1	0.1098	0.1098
1903423	91335	DB	P	1/2" CTS	451	Less than or equal to 60	Code 1	B	M	2/22/2019	2/22/2019	1	1	0.1098	0.1098
1903660	91364	DB	UC	3/4"	579	Less than or equal to 60	Code 1	B	M	2/26/2019	2/26/2019	1	1	0.1098	0.1098
1903796	90732	DB	UB	3/4"	405	Less than or equal to 60	Code 1	B	M	2/27/2019	2/27/2019	1	1	0.1098	0.1098
1903765	92223	DB	P	1/2" CTS	205	Less than or equal to 60	Code 1	B	M	2/27/2019	2/27/2019	1	1	0.1098	0.1098
1904069	90027	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	M	3/4/2019	3/4/2019	1	1	0.1098	0.1098
1904306	90029	DB	P	1/2" IPS	0	Less than or equal to 60	Code 1	B	S	3/7/2019	3/8/2019	67	2	0.1098	7.3566
1904428	92187	DB	P	1/2" CTS	425	Less than or equal to 60	Code 1	B	M	3/9/2019	3/9/2019	1	1	0.1098	0.1098
1904762	91761	DB	P	1/2" IPS	0	Less than or equal to 60	Code 1	B	S	3/14/2019	3/14/2019	73	1	0.1098	8.0154
1905041	90044	DB	P	1/2" CTS	600	Less than or equal to 60	Code 1	B	M	3/18/2019	3/18/2019	1	1	0.1098	0.1098
1905594	90405	DB	UB	3/4"	491	Less than or equal to 60	Code 1	B	M	3/25/2019	3/25/2019	1	1	0.1098	0.1098
1905609	90265	DB	P	1"	323	Less than or equal to 60	Code 1	B	M	3/25/2019	3/25/2019	1	1	0.1098	0.1098
1906107	90042	DB	P	1/2" CTS	438	Less than or equal to 60	Code 1	B	M	4/1/2019	4/1/2019	1	1	0.1098	0.1098
1907109	92361	DB	UC	3/4"	626	Less than or equal to 60	Code 1	B	S	4/15/2019	4/15/2019	105	1	0.1098	11.529
1907671	90077	DB	P	1/2" CTS	247	Less than or equal to 60	Code 1	B	M	4/22/2019	4/22/2019	1	1	0.1098	0.1098
1911468	90201	DB	UC	3/4"	690	Less than or equal to 60	Code 1	B	M	6/12/2019	6/12/2019	1	1	0.1098	0.1098
1912823	91423.1718	DB	UC	3/4"	529	Less than or equal to 60	Code 1	B	M	6/29/2019	6/29/2019	1	1	0.1098	0.1098
1913154	90064	DB	PC	3/4"	805	Less than or equal to 60	Code 1	B	M	7/7/2019	7/7/2019	1	1	0.1098	0.1098
1915550	91618.8891	DB	UC	1"	20	Less than or equal to 60	Code 1	B	M	8/6/2019	8/6/2019	1	1	0.1098	0.1098
1916504	92227.2277	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	M	8/19/2019	8/19/2019	1	1	0.1098	0.1098
1918537	91770.3104	DB	UC	3/4"	39	Less than or equal to 60	Code 1	B	M	9/16/2019	9/16/2019	1	1	0.1098	0.1098
1918559	90222.2406	DB	UC	3/4"	0	Less than or equal to 60	Code 1	B	M	9/16/2019	9/16/2019	1	1	0.1098	0.1098
1919603	92530	DB	UC	3/4"	403	Less than or equal to 60	Code 1	B	M	9/30/2019	9/30/2019	1	1	0.1098	0.1098
1921311	91361	DB	UC	3/4"	833	Less than or equal to 60	Code 1	B	M	10/22/2019	10/22/2019	1	1	0.1098	0.1098
1921322	90004	DB	PC	3/4"	509	Less than or equal to 60	Code 1	B	M	10/23/2019	10/23/2019	1	1	0.1098	0.1098
1922033	90706	DB	UC	1"	409	Less than or equal to 60	Code 1	B	M	11/1/2019	11/1/2019	1	1	0.1098	0.1098
1922138	91765	DB	UC	3/4"	761	Less than or equal to 60	Code 1	B	M	11/4/2019	11/4/2019	1	1	0.1098	0.1098
1922471	90222	DB	UB	3/4"	813	Less than or equal to 60	Code 1	B	M	11/9/2019	11/9/2019	1	1	0.1098	0.1098
1922479	92399	DB	UC	3/4"	404	Less than or equal to 60	Code 1	B	M	11/10/2019	11/10/2019	1	1	0.1098	0.1098
1922693	92844	DB	PC	3/4"	556	Less than or equal to 60	Code 1	B	M	11/13/2019	11/13/2019	1	1	0.1098	0.1098
1924392	91020.3512	DB	UC	3/4"	156	Less than or equal to 60	Code 1	B	M	12/16/2019	12/16/2019	1	1	0.1098	0.1098
1926019	90001	DB	UC	3/4"	751	Less than or equal to 60	Code 1	B	M	12/30/2019	12/30/2019	1	1	0.1098	0.1098

SoCalGas, June 15, 2020

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 2020 June Report
Appendix 4: Rev. 03/31/20

Notes:
Definitions in Data Request R15-01-008 2018 June Report
If highlighted cells are filled in, the other cells will auto-populate

2.27	0.057957447
7.37	0.188170213
4.3	0.109787234

Summary of Data by Pipeline Facility/Material and Results for Annual System Leak Rate and Resulting Number of Unknown Leaks for Each Pipeline Facility/Material

Facility/Material	Total System Miles per material type	Miles on Annual Survey [M _{SA}]	Miles on Multi-Year Survey Cycles [M _{ST}]	Survey Interval (yrs) [I]	Miles Surveyed Annually from Multi-Year Survey Cycles [M _{SL}]	Total # of Leaks Detected from Survey [N _{SL}]	If using a 3-year trailing leak rate average then include - 2017 Annual Leak Rate [R _{SL}]	If using a 3-year trailing leak rate average then include - 2018 Annual Leak Rate [R _{SL}]	2019 Annual Leak Rate [R _{SL}] $R_{SL} = \frac{N_{SL}}{M_{SA} + (I \times M_{SL})}$	If applicable, then calculate the 3-year Average Leak Rate [Leaks / Mile / Yr] $\bar{R}_X = \frac{1}{3} \sum_{i=1}^3 R_{SL,i}$	# of Unknown Leaks $N_{X,unk} = \bar{R}_X \times (M_{ST}^{ave} - M_{SL}) \times \frac{I}{2}$	Total # of Leaks Detected from O&M* [N _{XO}]
Main/Vintage* Plastic	8,561	8,561	-	1	0	872	0.0570	0.0577	N/A	0.1019	-	339
Main/Plastic	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Plastic	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Plastic	16,591	3,913	12,678	5	2,536	137	0.0033	0.0063	0.0083	0.00596	151	86
Main/Unprotected Steel	7,830	3,540	4,290	3	1,430	2175	0.2390	0.2182	0.2778	0.24499	1,051	944
Main/Unprotected Steel	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Unprotected Steel	N/A	N/A	N/A	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Vintage** Protected Steel	1,638	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	18,267	8,516	9,751	5	1,950	163	0.0080	0.0042	0.0089	0.00705	137	122
Main/Unknown	N/A	N/A	N/A	5	N/A	6	N/A	N/A	N/A	N/A	N/A	6
Service/Vintage** Plastic	12,206	12,206	-	1	0	1051	0.0600	0.0719	0.0861	0.07268	-	433
Service/Plastic	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Plastic	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Plastic	20,563	3,479	17,084	5	3,417	121	0.0030	0.0070	0.0059	0.00529	181	166
Service/Unprotected Steel	9,318	4,460	4,858	3	1,619	1260	0.114	0.0603	0.1352	0.10316	501	1138
Service/Unprotected Steel	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Unprotected Steel	N/A	N/A	N/A	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Vintage** Protected Steel	493	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	8,150	3,901	4,249	5	850	176	0.0250	0.0177	0.0216	0.02144	182	313
Service/Copper	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Copper	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Copper	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Unknown	N/A	N/A	N/A	5	N/A	14	N/A	N/A	N/A	N/A	N/A	17
Total	101,486	48,576	52,910	N/A	11,802	5,975			N/A		2,204	3,544

*Definitions for "vintage" materials:

Vintage Plastic	Pipe installed before 1986
Vintage Protected Steel	Pipe installed before 1950
**	Total System Miles of Main & Service/ Vintage Protected Steel is included in the Total Miles of Main/Service

Estimated Emissions by Pipeline Facility/Material for Each Leakage Category

Leakage Category	Emission Factor (Mscf/day/leak)	2019 Emissions from Leaks detected Prior to 2019 (Mscf)	2019 Emissions from Leaks Detected from 2019 Survey (Mscf)	2019 Emissions from O&M* Leaks Detected in 2019 (Mscf)	2019 Estimated Emissions from Unknown Leaks (Mscf)	Total Estimated 2019 Emissions from Distribution Pipelines (Mscf)
Facility/Material						
Main/Vintage* Plastic	0.1098	10,165	29,323	1,881	0	41,368
Main/Plastic	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Plastic	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Plastic	0.1098	1,270	5,054	648	6,056	13,028
Main/Unprotected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Unprotected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Unprotected Steel	0.1098	137,829	78,083	9,815	42,122	267,849
Main/Vintage* Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	0.1098	13,203	3,579	247	5,510	22,539
Main/Unknown*	0.1098	364	174	20	0	558
Service/Vintage* Plastic	0.1098	5,962	9,704	813	0	16,480
Service/Plastic	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Plastic	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Plastic	0.1098	2,321	31,296	1,651	7,250	42,518
Service/Unprotected Steel	0.1098	54,545	40,061	5,853	20,084	120,543
Service/Unprotected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Unprotected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Vintage* Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A

Service/Protected Steel	0.1098	6,422	3,552	204	7,302	17,480
Service/Copper	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Copper	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Copper	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Unknown*	0.1098	5,257	317	17	0	5,591
Total	N/A	237,337	201,143	21,150	88,324	547,954

O&M leaks include any other pipeline leaks that are discovered during the year from operations and maintenance activity, third party and gas odor reports, etc. that are not accounted for in other categories of this worksheet.

The cells below should be used for calculating emissions when a risk based leak detection and repair practice is used by the Utility. This table is intended to help categorize emissions associated with large leaks (Super Emitters (SEs)), and non-large leaks (non-SEs).					
	2019 Emissions from Leaks detected Prior to 2018 (Mscf)	2019 Emissions from Leaks Detected from 2019 Survey (Mscf)	2019 Emissions from O&M* Leaks Detected in 2019 (Mscf)	2019 Estimated Emissions from Unknown Leaks (Mscf)	Total Estimated 2019 Emissions from Distribution Pipelines

Large Leak Emitter Program					
Compliance Leak Survey - Non-LL					-
Compliance Leak Survey - LL					-
Large Leak Emitter Program Outside Compliance Area - Non-LL					-
Large Leak Emitter Program Outside Compliance Area - LL					-
O&M - Non-LL					-
O&M - LL					-
TOTAL	-	-	-	-	-

SoCalGas, June 14, 2019

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 2019 June Report
Appendix 4; Rev. 03/29/19

Notes:
Definitions in Data Request R15-01-008 2018 June Report
If highlighted cells are filled in, the other cells will auto-populate

Summary of Data by Pipeline Facility/Material and Results for Annual System Leak Rate and Resulting Number of Unknown Leaks for Each Pipeline Facility/Material

Facility/Material	Total System Miles per material type	Miles on Annual Survey [$M_{X,A}$]	Miles on Multi-Year Survey Cycles [$M_{X,Tot}$]	Survey Interval (yrs) [I]	Miles Surveyed Annually from Multi-Year Survey Cycles [$M_{X,I}$]	Total # of Leaks Detected from Survey [$N_{X,I}$]	2016 Annual Leak Rate*** [$R_{X,1}$]	2017 Annual Leak Rate*** [$R_{X,2}$]	2018 Annual Leak Rate [$R_{X,3}$] $R_{X,3} = \frac{N_{X,L}}{M_{X,A} + (I \times M_{X,I})}$	3-year Average Leak Rate [Leaks / Mile / Yr] $\bar{R}_X = \frac{1}{3} \sum_{i=1}^3 R_{X,i}$	# of Unknown Leaks $N_{X,unk} = \bar{R}_X \times (M_{X,Tot} - M_{X,I}) \times \frac{I}{2}$	Total # of Leaks Detected from O&M* [$N_{X,O}$]
Main/Vintage* Plastic	8,588	8,588	0	1	0	839	0.0490	0.0570	0.09769	NA	0	338
Main/Plastic	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A
Main/Plastic	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A
Main/Plastic	16,298	3,849	12,449	5	2489.8	104	0.0024	0.0033	0.00638	0.00403	100.26550	92
Main/Unprotected Steel	7,855	3,547	4,308	3	1436	1718	0.0240	0.2390	0.21871	0.16057	691.74158	1203
Main/Unprotected Steel	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Unprotected Steel	N/A	N/A	N/A	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Vintage* Protected Steel**	1,979	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA
Main/Protected Steel	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	18,216	8,494	9,722	5	1944.4	87	0.0070	0.0080	0.00478	0.00659	128.17498	146
Service/Vintage* Plastic	12,496	12,496	0	1	0	899	0.0610	0.0600	0.0719	NA	N/A	524
Service/Plastic	19,996	3,112	16,884	5	3376.83678	140	0.0001	0.0030	0.0070	0.00337	113.70188	120
Service/Plastic	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Plastic	N/A	N/A	N/A	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Unprotected Steel	9,411	4,521	4,890	3	1629.900379	571	0.1100	0.1140	0.06068	0.09489	463.99288	1154
Service/Unprotected Steel	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Unprotected Steel	N/A	N/A	N/A	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Vintage* Protected Steel***	455	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	8,182	3,930	4,252	5	850.4543939	146	0.018	0.0250	0.01784	0.02028	172.48194	309
Service/Copper	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Copper	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service/Copper	N/A	N/A	N/A	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Service Unknown	N/A					3						
Total	79,958	48,537	52,505	N/A	11,727	4,507				N/A	1,670	3,886

*Definitions for "vintage" materials:

Vintage Plastic

Vintage Protected Steel

**

Pipe installed before 1986
Pipe installed before 1950
Total System Miles of Main & Service/ Vintage Protected Steel is included in the Total Miles of Main/Service Protected Steel due to the fact that there was no leakage associated with Vintage Protected steel material in 2018. the Total System

2016& 2017 Annual Leak Rate for Main & Services/Vintage Plastic & Plastic values are not what SCG submitted in 2016&2017. These values were a result of a data request from the CPUC to separate Vintage Plastic from State-of-the-Art Plastic Main & Services/Vintage Plastic & Plastic in order to calculate the 3-year average for each material type.

Estimated Emissions by Pipeline Facility/Material for Each Leakage Category

Leakage Category	Emission Factor (Mscf/day/leak)	2018 Emissions from Leaks detected Prior to 2018 (Mscf)	2018 Emissions from Leaks Detected from 2018 Survey (Mscf)	2018 Emissions from O&M* Leaks Detected in 2018 (Mscf)	2018 Estimated Emissions from Unknown Leaks (Mscf)	Total Estimated 2018 Emissions from Distribution Pipelines (Mscf)
Facility/Material						
Main/Vintage* Plastic	0.1098	4,487	26,628	2,129	0	33,244

Leakage Category	Emission Factor (Mscf/day/leak)	2018 Emissions from Leaks detected Prior to 2018 (Mscf)	2018 Emissions from Leaks Detected from 2018 Survey (Mscf)	2018 Emissions from O&M* Leaks Detected in 2018 (Mscf)	2018 Estimated Emissions from Unknown Leaks (Mscf)	Total Estimated 2018 Emissions from Distribution Pipelines (Mscf)
Facility/Material						
Main/Plastic	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Plastic	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Plastic	0.1098	1,279	3,401	801	4,018	9,501
Main/Unprotected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Unprotected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Unprotected Steel	0.1098	164,525	63,103	16,565	27,723	271,916
Main/Vintage* Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Main/Protected Steel	0.1098	11,527	1,907	813	5,137	19,383
Main/Unknown*	0.1098	301	0	0	N/A	N/A
Service/Vintage* Plastic	0.1098	5,006	27,498	2,882	0	35,386
Service/Plastic	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Plastic	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Plastic	0.1098	3,036	5,562	825	4,557	13,980
Service/Unprotected Steel	0.1098	55,001	15,790	9,066	18,595	98,452
Service/Unprotected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Unprotected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Vintage* Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Protected Steel	0.1098	5,266	2,918	575	6,913	15,671
Service/Copper	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Copper	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Copper	0.1098	N/A	N/A	N/A	N/A	N/A
Service/Unknown*	0.1098	903	36	0	0	938
Total	N/A	251,332	146,843	33,656	66,943	499,199

O&M leaks include any other pipeline leaks that are discovered during the year from operations and maintenance activity, third party and gas odor reports, etc. that are not accounted for in other categories of this worksheet.

SoCalGas, June 14, 2019
Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce
Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 2019 June Report
Appendix 4; Rev. 03/29/19

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

The emissions captured on this tab represent the emissions associated unintentional leaks that if repaired would not leaking. If the component is releasing gas or "bleeding" as a

Distribution Main & Service Pipeline Component Fugitive Leaks (see note above):

Total Number of Devices/ID	Device Type	Bleed Rate	Manufacturer	Discovery Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Number of Days Leaking	Emission Factor (Mscf/day)	Annual Emission (Mscf)	Explanatory Notes / Comments	Pipe Classification	Pipe Material	Leak Grade	Above Ground or Below Ground	Leak Discovery Method	New Paradigm Emission Factor (Mscf/Day)	New EF Paradigm Annual Emission (Mscf)
1800279				1/3/2018	1/16/2018	14	0.0612	0.9	Valve - Below ground	MB	PC	Code 3	B	M	0.1098	1.5372
1800449				1/5/2018	1/9/2018	5	0.0612	0.3	Valve - Below ground	MB	PC	Code 1	B	M	0.1098	0.549
1800742				1/9/2018	1/10/2018	2	0.1548	0.3	Valve - Below ground	MB	UC	Code 3	B	M	0.1098	0.2196
1801373				1/17/2018	1/17/2018	1	0.06	0.1	Valve - Below ground	DB	UC	Code 1	B	M	0.1098	0.1098
1801481				1/18/2018	12/10/2018	344	0.0612	21.1	Valve - Below ground	MB	PC	Code 2	B	S	0.1098	37.7712
1801518				1/18/2018	1/18/2018	1	0.06	0.1	Valve - Below ground	DB	UB	Code 1	B	M	0.1098	0.1098
1802280				1/27/2018	7/11/2018	166	0.1548	25.7	Valve - Below ground	MB	UC	Code 3	B	M	0.1098	18.2268
1802844				2/2/2018	2/23/2018	54	0.1548	8.4	Valve - Below ground	MB	UC	Code 3	B	S	0.1098	5.9292
1803032				2/5/2018	7/12/2018	158	0.06	9.5	Valve - Below ground	DB	Unknown	Code 2	B	M	0.1098	17.3484
1803757				2/13/2018	4/27/2018	74	0.1548	11.5	Valve - Below ground	MB	UC	Code 3	B	M	0.1098	8.1252
1803861				2/14/2018	2/28/2018	15	0.0612	0.9	Valve - Below ground	MB	PC	Code 2	B	M	0.1098	1.647
1804401				2/21/2018	8/15/2018	227	0.0612	13.9	Valve - Below ground	MB	PC	Code 2	B	S	0.1098	24.9246
1804419				2/21/2018	7/25/2018	155	0.0612	9.5	Valve - Below ground	MB	PC	Code 2	B	M	0.1098	17.019
1804433				2/21/2018	5/11/2018	131	0.0276	3.6	Valve - Below ground	DB	PC	Code 2	B	S	0.1098	14.3838
1804679				2/23/2018	2/23/2018	1	0.0612	0.1	Valve - Below ground	MB	PB	Code 2	B	M	0.1098	0.1098
1804747				2/26/2018	2/27/2018	2	0.0612	0.1	Valve - Below ground	MB	PC	Code 2	B	M	0.1098	0.2196
1804999				2/27/2018	7/27/2018	151	0.0612	9.2	Valve - Below ground	MB	PB	Code 2	B	M	0.1098	16.5798
1805001				2/27/2018	8/6/2018	161	0.0612	9.9	Valve - Below ground	MB	PC	Code 2	B	M	0.1098	17.6778
1805070				2/28/2018	2/28/2018	1	0.06	0.1	Valve - Below ground	DB	UC	Code 3	B	M	0.1098	0.1098
1805073				2/28/2018	7/3/2018	184	0.0612	11.3	Valve - Below ground	MB	PB	Code 3	B	S	0.1098	20.2032
1805266				3/2/2018	8/16/2018	168	0.0612	10.3	Valve - Below ground	MB	PC	Code 2	B	M	0.1098	18.4464
1805337				3/5/2018		302	0.2988	90.2	Valve - Below ground	MB	Unknown	Code 2	B	M	0.1098	33.1596
1806348				3/15/2018	3/16/2018	2	0.1548	0.3	Valve - Below ground	MB	UC	Code 1	B	M	0.1098	0.2196
1806866				3/23/2018	3/23/2018	1	0.06	0.1	Valve - Below ground	DB	UB	Code 1	B	M	0.1098	0.1098
1807523				4/2/2018	5/30/2018	150	0.0612	9.2	Valve - Below ground	MB	PC	Code 2	B	S	0.1098	16.47
1808078				4/9/2018	4/9/2018	1	0.1548	0.2	Valve - Below ground	MB	UC	Code 2	B	M	0.1098	0.1098
1808088				4/9/2018	10/3/2018	178	0.2988	53.2	Valve - Below ground	MB	Unknown	Code 2	B	M	0.1098	19.5444
1809053				4/19/2018	4/20/2018	2	0.06	0.1	Valve - Below ground	DB	UB	Code 1	B	M	0.1098	0.2196
1810482				5/4/2018	5/29/2018	149	0.1548	23.1	Valve - Below ground	MB	UB	Code 2	B	S	0.1098	16.3602
1811356				5/15/2018	9/19/2018	262	0.0612	16.0	Valve - Below ground	MB	PC	Code 2	B	S	0.1098	28.7676
1811529				5/17/2018	5/21/2018	5	0.0612	0.3	Valve - Below ground	MB	PC	Code 3	B	M	0.1098	0.549
1812470				5/29/2018	11/20/2018	324	0.06	19.4	Valve - Below ground	DB	UC	Code 3	B	S	0.1098	35.5752
1812549				5/29/2018	5/30/2018	150	0.0612	9.2	Valve - Below ground	MB	PB	Code 1	B	S	0.1098	16.47
1813273				6/7/2018	6/7/2018	158	0.06	9.5	Valve - Below ground	DB	UB	Code 1	B	S	0.1098	17.3484
1813855				6/15/2018	12/12/2018	346	0.2988	103.4	Valve - Below ground	MB	P	Code 3	B	S	0.1098	37.9908
1813940				6/16/2018	6/16/2018	167	0.1548	25.9	Valve - Below ground	MB	UC	Code 1	B	S	0.1098	18.3366
1814358				6/21/2018	6/22/2018	2	0.1548	0.3	Valve - Below ground	MB	UC	Code 2	B	M	0.1098	0.2196
1815375				7/5/2018	7/5/2018	186	0.06	11.2	Valve - Below ground	DB	UC	Code 1	B	S	0.1098	20.4228
1816174				7/16/2018	9/12/2018	255	0.2988	76.2	Valve - Below ground	MB	Unknown	Code 2	B	S	0.1098	27.999
1816703				7/23/2018	7/26/2018	4	0.2988	1.2	Valve - Below ground	MB	Unknown	Code 3	B	M	0.1098	0.4392
1816952				7/25/2018	7/25/2018	1	0.0276	0.0	Valve - Below ground	DB	PC	Code 1	B	M	0.1098	0.1098
1817394				7/30/2018	7/31/2018	2	0.1548	0.3	Valve - Below ground	MB	UC	Code 1	B	M	0.1098	0.2196
1820922				9/14/2018	12/7/2018	85	0.1548	13.2	Valve - Below ground	MB	UC	Code 3	B	M	0.1098	9.333
1821358				9/19/2018	10/5/2018	17	0.0612	1.0	Valve - Below ground	MB	PC	Code 3	B	M	0.1098	1.8666
1821940				9/25/2018	10/4/2018	277	0.06	16.6	Valve - Below ground	DB	UC	Code 1	B	S	0.1098	30.4146

Total Number of Devices/ID	Device Type	Bleed Rate	Manufacturer	Discovery Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Number of Days Leaking	Emission Factor (Mscf/day)	Annual Emission (Mscf)	Explanatory Notes / Comments	Pipe Classification	Pipe Material	Leak Grade	Above Ground or Below Ground	Leak Discovery Method	New Paradigm Emission Factor (Mscf/Day)	New EF Paradigm Annual Emission (Mscf)
1822121				9/27/2018	9/28/2018	271	0.0612	16.6	Valve - Below ground	MB	PC	Code 3	B	S	0.1098	29.7558
1822390				10/1/2018	12/19/2018	353	0.0612	21.6	Valve - Below ground	MB	PC	Code 3	B	S	0.1098	38.7594
1822429				10/1/2018	10/11/2018	284	0.1548	44.0	Valve - Below ground	MB	UC	Code 1	B	S	0.1098	31.1832
1822735				10/5/2018	10/24/2018	297	0.0612	18.2	Valve - Below ground	MB	PC	Code 3	B	S	0.1098	32.6106
1822863				10/8/2018	10/10/2018	3	0.2988	0.9	Valve - Below ground	MB	P	Code 1	B	M	0.1098	0.3294
1823048				10/9/2018	12/21/2018	355	0.0612	21.7	Valve - Below ground	MB	PC	Code 3	B	S	0.1098	38.979
1823388				10/15/2018	10/16/2018	2	0.06	0.1	Valve - Below ground	DB	Unknown	Code 2	B	M	0.1098	0.2196
1823421				10/15/2018	10/17/2018	3	0.06	0.2	Valve - Below ground	DB	Unknown	Code 2	B	M	0.1098	0.3294
1823870				10/19/2018	10/20/2018	2	0.0612	0.1	Valve - Below ground	MB	PC	Code 1	B	M	0.1098	0.2196
1824616				10/31/2018	10/31/2018	1	0.0612	0.1	Valve - Below ground	MB	PC	Code 3	B	M	0.1098	0.1098
1825904				11/27/2018	11/30/2018	4	0.1548	0.6	Valve - Below ground	MB	UC	Code 2	B	M	0.1098	0.4392
1826736				12/12/2018	12/13/2018	2	0.0276	0.1	Valve - Below ground	DB	PC	Code 3	B	M	0.1098	0.2196
1827440				12/27/2018	12/28/2018	2	0.0276	0.1	Valve - Below ground	DB	PC	Code 3	B	M	0.1098	0.2196

Sum Total	751
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Sum Total	727
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SoCalGas, June 15, 2020

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

In Response to Data Request, R15-01-008 2020 June Report
Appendix 4; Rev. 03/31/20

This summary purposefully should exclude damages, blowdowns, component emissions and component leaks.

	Count of Leaks Carried over from Prior Year	Count of Leaks Discovered in the Year of Interest	Count of Leaks Repaired in the Year of Interest	Average Days to Repair Leaks	Count of Estimated Unsurveyed Leaks in the Year of Interest	Count of Remaining Leaks at final day of the Year of Interest (12/31/xx)	Emissions from Leaks Carried over from Prior Year.	Emissions from Leaks Discovered in the Year of Interest.	Emissions from Estimated Unsurveyed Leaks in the Year of Interest	Total Emissions in the Year of Interest [Mscf of Natural Gas]
Grade 1	0	3185	3185	1	N/A*	0	0	25877	NA	N/A
Grade 2	703	2047	1266	207	N/A*	1484	11,571	59361	NA	N/A
Grade 3	7205	4287	3941	722	N/A*	7551	225,766	137055	NA	N/A
Graded Leak Total	7,908	9,519	8,392	NA	-	9,035	237,337	222,293	-	N/A
Above Ground Hazardous	0	0	0	0	0	0	0	0	NA	0
Above Ground Non-Hazardous	0	0	0	0	0	0	0	0	NA	0
Above Ground Non-Hazardous Minor	0	0	0	0	0	0	0	0	NA	0
AG Total	-	-	-	-	-	-	-	-	-	-
Total of All Leaks	7,908	9,519	8,392	NA	-	9,035	237,337	222,293	-	N/A
Main/Plastic	78	264	232	1,019	151	110	1,270	5,702	6,056	13,028
Main/Vintage* Plastic	524	1,170	1,074	220	-	620	10,165	31,203	-	41,368
Main/Unprotected Steel	4,130	3,119	2,366	591	1,051	4,883	137,829	87,899	42,122	267,849
Main/Unknown	17	12	23		-	6	364	194	-	558
Main/Protected Steel	531	285	684	629	137	132	13,203	3,825	5,510	22,539
Service/Plastic	126	1,112	384	499	N/A	854	2,321	32,947	7,250	42,518
Service/Vintage* Plastic	333	639	777	214	-	195	5,962	10,517	-	16,480
Service/Unprotected Steel	1,713	2,398	2,024	277	501	2,087	54,545	45,914	20,084	120,543
Service/Protected Steel	275	489	699	283	182	65	6,422	3,756	7,302	17,480
Service/Unknown	181	31	129	N/A	-	83	5,257	334	-	5,591
Service/Copper				-	-	-	-	-	-	-
Total	7,908	9,519	8,392	NA	N/A	9,035	237,337	222,293	88,324	547,954

Large Leak or Super Emitter Program Categorization										
Compliance Leak Survey - Non-LL						0				0
Compliance Leak Survey - LL						0				0
Large Leak/Super Emitter Program Outside Compliance Area - Non-LL						0				0

This section added to the template for 2020.

Large Leak/Super Emitter Program Outside Compliance Area - LL						0				0
O&M - Non-LL						0				0
O&M - LL				546,11		0				0
TOTAL	-	-	-	-	-	-	-	-	-	-
Change Due to LL/SE Program on 2019:	(7,908)	(9,519)	(8,392)	#VALUE!	#VALUE!	(9,035)	(237,337)	(222,293)	(88,324)	(547,954)
% Change Due to LL/SE Program on 2019:	(100.0%)	(100.0%)	(100.0%)		#VALUE!	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)

2020 Reporting.
Send any suggestions to improve this worksheet to Staff for consideration.

SoCalGas, June 15, 2020

Rulemaking (R) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

In Response to Data Request R15-01-008 2020 June Report

Appendix 4: Rev. 05/31/20

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Columns, add a summation total in a cell for a column total, and then highlight orange.

Distribution Main & Service Pipeline Damage (3rd party digs, natural disasters, etc.):

ID	Geographic Location	Damage Type	Pipe Classification	Pipe Material	Pipe Size (Nominal)	Pipe Age (months)	Pressure (psf)	Leak Grade	Above Ground or Below Ground	Discovery Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Number of Gas Leaks	Emission Factor or Engineering Estimate (lb/MMBtu)	Annual Emissions (Mscf)	Explanatory Notes / Comments
1345044 91314	N	N	DB	P	1/2" CTS	471	Less than or equal Code 3	B		9/24/2013	3/26/2013	85	0.0089	0.7565	
1440319 92545	N	N	DB	P	1/2" CTS	471	Less than or equal Code 3	B		1/14/2014	8/1/2019	211	0.0089	1.8957	
1451044 91773	N	N	MB	UC	2"	671	Less than or equal Code 3	B		7/29/2014	12/14/2019	348	0.1548	53.8704	
1454144 90201	N	N	MB	PC	1"	965	Less than or equal Code 3	B		8/15/2014		365	0.0612	22.338	
1518325 90062	N	N	DB	P	1/2" CTS	572	Less than or equal Code 3	B		5/29/2015	4/24/2019	114	0.0089	1.0146	
1620221 90031	N	N	DB	P	1/2" IPS	471	Less than or equal Code 3	B		8/30/2016	10/30/2019	303	0.0089	2.6967	
1622998 91335	N	N	DB	P	1/2" CTS	638	Less than or equal Code 3	B		10/25/2016	8/1/2019	213	0.0089	1.8957	
1712268 92630	N	N	MB	P	3"	566	Less than or equal Code 2	B		6/7/2017		365	0.2988	109.062	
1712644 90602	N	N	DB	UC	3/4"	667	Less than or equal Code 3	B		6/13/2017	12/17/2019	351	0.06	71.06	
174081 91311	N	N	DB	P	1"	443	Less than or equal Code 3	B		6/30/2017	7/30/2019	211	0.0089	1.8779	
1715227 92374	N	N	DB	P	1/2" IPS	508	Less than or equal Code 2	B		7/19/2017	3/18/2019	77	0.0089	0.6853	
1716113 91746	E	N	MB	UC	2"	815	Less than or equal Code 3	B		7/26/2017	12/20/2019	354	0.1548	54.7992	
1724188 91403	N	N	MB	P	2"	517	Less than or equal Code 3	B		11/4/2017	1/30/2019	30	0.2988	8.964	
1725515 90016	N	N	DB	P	2"	436	Less than or equal Code 3	B		11/27/2017	1/10/2019	10	0.0089	0.089	
1737065 90044	N	N	DB	P	1/2" CTS	26	Less than or equal Code 3	B		12/13/2017	10/1/2019	274	0.0089	2.4366	
1800835 90265	N	N	DB	P	1/2" CTS	239	Less than or equal Code 3	B		1/10/2018	3/29/2019	88	0.0089	0.7832	
1800837 90043	N	N	MB	P	2"	467	Less than or equal Code 3	B		1/10/2018	4/3/2019	93	0.2988	27.7884	
1800903 90007	N	N	DB	P	2"	458	Less than or equal Code 2	B		1/11/2018	3/24/2019	85	0.0089	0.7565	
1801625 92509	N	N	MB	P	2"	483	Less than or equal Code 2	B		1/18/2018	1/2/2019	2	0.2988	0.5976	
1802341 91373	N	N	DB	P	1/2" IPS	512	Less than or equal Code 2	B		1/29/2018	4/22/2019	112	0.0089	0.9968	
1803862 92506	N	N	DB	P	1"	716	Less than or equal Code 3	B		2/14/2018	1/10/2019	10	0.0089	0.089	
1803863 92506	N	N	DB	P	1/2" IPS	668	Less than or equal Code 3	B		2/14/2018	1/9/2019	9	0.0089	0.0801	
1805219 90019	N	N	DB	P	1/2" CTS	856	Less than or equal Code 3	B		3/1/2018	4/12/2019	102	0.0089	1.0078	
1805381 92504	N	N	DB	PC	3/4"	424	Less than or equal Code 3	B		3/5/2018		365	0.0276	10.074	
1805575 92373	N	N	DB	P	1/2" CTS		Less than or equal Code 3	B		3/7/2018	5/8/2019	128	0.0089	1.1392	
1805633 92504	N	N	DB	P	1/2" IPS	489	Less than or equal Code 3	B		3/7/2018	5/1/2019	121	0.0089	1.0769	
1805979 91752	N	N	DB	P	2"	846	Less than or equal Code 2	B		3/12/2018	4/30/2019	120	0.0089	1.168	
1806185 90068	N	N	DB	P	1/2" CTS	584	Less than or equal Code 3	B		3/14/2018	5/6/2019	126	0.0089	1.1214	
1806240 92313	E	N	DB	P	1"	95	Less than or equal Code 3	B		3/14/2018	5/7/2019	127	0.0089	1.1303	
1807063 90731	N	N	DB	P	1/2" CTS	431	Less than or equal Code 3	B		3/27/2018	6/18/2019	169	0.0089	1.5041	
1807065 90018	N	N	DB	P	1/2" CTS	460	Less than or equal Code 3	B		3/27/2018	6/4/2019	155	0.0089	1.3795	
1807103 90016	N	N	DB	P	1/2" CTS	488	Less than or equal Code 3	B		3/27/2018	6/3/2019	154	0.0089	1.3706	
1807104 90016	N	N	DB	P	1/2" CTS	846	Less than or equal Code 3	B		3/27/2018	6/3/2019	154	0.0089	1.3706	
1807165 90045	N	N	DB	P	1/2" CTS	515	Less than or equal Code 3	B		3/28/2018	6/27/2019	178	0.0089	1.5042	
1807238 93105	N	N	DB	P	1/2" IPS	455	Less than or equal Code 3	B		3/28/2018	6/21/2019	172	0.0089	1.5308	
1807912 92501	N	N	DB	Unknown	3/4"	437	Less than or equal Code 3	B		4/6/2018	6/20/2019	171	06	10.26	Pipe Material of Unknown, will use worst case emission factor for respective Pipe Classification.
1808261 90035	N	N	MB	P	1"	429	Less than or equal Code 2	B		4/10/2018	7/3/2019	184	0.2988	54.7992	
1808284 90024	N	N	DB	PC	1"	573	Less than or equal Code 3	B		4/10/2018	12/19/2019	23	0.0276	0.6348	
1808693 91741	N	N	MB	P	2"	539	Less than or equal Code 3	B		4/16/2018	3/15/2019	74	0.2988	22.1112	
1808889 90018	N	N	DB	P	1/2" CTS	443	Less than or equal Code 2	B		4/18/2018	7/17/2019	192	0.0089	1.7088	
1808915 90039	N	N	DB	P	1/2" CTS	401	Less than or equal Code 3	B		4/17/2018	5/8/2019	129	0.0089	1.1481	
1809096 90069	N	N	DB	P	1/2" IPS	479	Less than or equal Code 3	B		4/19/2018	7/17/2019	198	0.0089	1.7622	
1809110 91709	N	N	DB	P	1/2" CTS	510	Less than or equal Code 3	B		4/19/2018	3/15/2019	74	0.0089	0.6386	
1809178 90045	E	N	DB	P	1/2" CTS	465	Less than or equal Code 2	B		4/20/2018	7/17/2019	198	0.0089	1.7622	
1809275 90401	N	N	DB	P	1"	455	Less than or equal Code 2	B		4/21/2018	4/29/2019	116	0.0089	1.0324	
1809398 90048	N	N	DB	P	1/2" CTS	316	Less than or equal Code 2	B		4/23/2018	2/27/2019	58	0.0089	0.5162	
1809695 90005	N	N	DB	P	1/2" CTS	466	Less than or equal Code 3	B		4/25/2018	7/22/2019	203	0.0089	1.8067	
1809857 90005	N	N	DB	P	1/2" CTS	301	Less than or equal Code 3	B		4/23/2018	7/19/2019	200	0.0089	1.78	
1810106 91552	N	N	MB	P	2"	493	Less than or equal Code 2	B		4/30/2018	7/19/2019	284	0.2988	54.7992	
1810209 90012	N	N	DB	P	1/2" IPS	527	Less than or equal Code 2	B		5/07/2018	5/1/2019	121	0.0089	1.0769	
1811075 91362	N	N	DB	P	1/2" IPS	498	Less than or equal Code 3	B		5/11/2018	1/5/2019	5	0.0089	0.0445	
1811212 90045	N	N	DB	P	1/2" CTS	453	Less than or equal Code 2	B		5/12/2018	9/7/2019	127	0.0089	1.1303	
1811501 91311	N	N	DB	P	1/2" IPS	424	Less than or equal Code 3	B		5/17/2018	8/27/2019	86	0.0089	0.7564	
1811653 90301	N	N	DB	P	1"	421	Less than or equal Code 2	B		5/18/2018	7/25/2019	206	0.0089	1.8334	
1811693 91786	N	N	DB	P	1/2" IPS	515	Less than or equal Code 3	B		5/18/2018	4/27/2019	92	0.0089	0.8188	
1812142 90032	N	N	MB	P	2"	449	Less than or equal Code 2	B		5/20/2018	4/5/2019	91	0.2988	28.386	
1812244 91367	N	N	DB	P	1/2" CTS	491	Less than or equal Code 3	B		5/24/2018	3/26/2019	85	0.0089	0.7565	
1812439 91706	N	N	MB	P	4"	447	Less than or equal Code 2	B		5/29/2018	8/1/2019	211	0.2988	63.644	
1812452 90338	N	N	DB	P	1/2" CTS	449	Less than or equal Code 2	B		5/29/2018	8/28/2019	240	0.0089	2.136	
1812484 92373	N	N	DB	P	1/2" IPS	554	Less than or equal Code 3	B		5/29/2018	8/28/2019	365	0.0089	3.2485	
1812536 92660	N	N	MB	P	2"	589	Less than or equal Code 3	B		5/29/2018	8/28/2019	232	0.2988	69.216	
1812654 90064	N	N	DB	P	1/2" CTS	476	Less than or equal Code 3	B		5/30/2018	8/28/2019	240	0.0089	2.136	
1812945 92867	N	N	DB	P	1"	503	Less than or equal Code 3	B		6/4/2018	5/24/2019	144	0.0089	1.2816	
1813472 92507	N	N	MB	P	2"	427	Less than or equal Code 2	B		6/11/2018	3/13/2019	72	0.2988	21.5136	
1814311 90046	N	N	DB	P	1/2" CTS	390	Less than or equal Code 2	B		6/11/2018	9/4/2019	247	0.0089	2.1963	
1814415 90274	N	N	DB	UC	3/4"	787	Less than or equal Code 3	B		6/22/2018		365	0.06	21.9	
1814796 90260	E	N	DB	P	1/2" CTS	456	Less than or equal Code 2	B		6/27/2018	5/6/2019	126	0.0089	1.1214	
1815205 91745	N	N	MB	P	2"	498	Less than or equal Code 3	B		7/5/2018	2/12/2019	42	0.2988	12.8404	
1815476 90210	N	N	MB	P	3"	431	Less than or equal Code 2	B		7/6/2018	9/23/2019	266	0.2988	79.4808	
1815617 90035	N	N	DB	P	1/2" CTS	505	Less than or equal Code 2	B		7/9/2018	10/7/2019	280	0.0089	2.492	
1815697 91208	N	N	DB	P	1/2" IPS	472	Less than or equal Code 2	B		7/10/2018	6/27/2019	172	0.0089	1.5308	
1815716 92373	N	N	DB	P	1/2" IPS	443	Less than or equal Code 2	B		7/10/2018	4/28/2019	118	0.0089	1.0502	
1815737 90035	N	N	DB	P	1/2" CTS	605	Less than or equal Code 3	B		7/10/2018	10/9/2019	282	0.0089	2.5098	
1815958 91214	N	N	DB	P	1/2" IPS	283	Less than or equal Code 3	B		7/12/2018	1/1/2019	11	0.0089	0.0979	
1816014 92501	N	N	DB	P	463	Less than or equal Code 2	B			7/13/2018	7/27/2019	180	0.0089	1.6387	
1816061 90016	N	N	MB	P	2"	467	Less than or equal Code 2	B		7/13/2018	10/16/2019	283	0.2988	84.5604	
1816113 90064	N	N	DB	P											

1820699	92509	N	DB	P	1/2" IPS	505	Less than or equi Code 2	B	9/12/2018	8/19/2019	231	0.0089	2.0559	
1820879	92999	N	DB	P	1/2" CTS	503	Less than or equi Code 2	B	9/13/2018	11/14/2019	318	0.0089	2.8302	
1821002	92234	N	DB	P	1/2" CTS	438	Less than or equi Code 2	B	9/17/2018	9/14/2019	73	0.0089	0.6497	
1821303	90041	N	MB	P	2"	538	Less than or equi Code 2	B	9/18/2018	5/9/2019	129	0.2988	38.5452	
1821374	91311	N	DB	P	1/2" IPS	513	Less than or equi Code 3	B	9/19/2018	9/13/2019	256	0.0089	2.2784	
1821404	90064	N	P	1/2" IPS	377	Less than or equi Code 3	B	9/19/2018	11/13/2019	317	0.0089	2.8213		
1821992	92626	N	MB	P	2"	578	Less than or equi Code 2	B	9/26/2018	9/24/2019	267	0.2988	79.7796	
1822000	90069	N	DB	P	1/2" IPS	497	Less than or equi Code 3	B	9/27/2018	7/19/2019	199	0.0089	1.7711	
1822160	91789	N	MB	P	2"	528	Less than or equi Code 2	B	9/27/2018	9/12/2019	224	0.2988	66.9312	
1822198	90211	N	DB	P	1/2" CTS	449	Less than or equi Code 2	B	9/27/2018	12/17/2019	351	0.0089	3.1229	
1822295	90068	N	DB	P	1/2" CTS	446	Less than or equi Code 2	B	9/28/2018	2/10/2019	41	0.0089	0.3649	
1822321	91302	N	DB	P	1/2" IPS	521	Less than or equi Code 3	B	9/28/2018	2/13/2019	44	0.0089	0.3916	
1822524	93015	N	MB	P	2"	41	Less than or equi Code 3	B	10/2/2018	11/12/2019	316	0.2988	94.4308	
1822609	92532	E	DB	P	1/2" CTS	337	Less than or equi Code 3	B	10/3/2018	4/7/2019	92	0.0089	0.8188	
1822935	91307	N	MB	P	4"	410	Less than or equi Code 3	B	10/9/2018	8/19/2019	211	0.2988	69.0238	
1822941	92570	N	DB	P	1/2" CTS	466	Less than or equi Code 3	B	10/9/2018	12/18/2019	353	0.0089	3.1417	
1823063	91360	N	DB	P	1"	567	Less than or equi Code 3	B	10/10/2018	4/10/2019	100	0.0089	0.89	
1823162	90043	DB	P	1/2" CTS	503	Less than or equi Code 2	B	10/10/2018	2/19/2019	50	0.0089	0.445		
1823184	91765	N	DB	P	1/2" IPS	513	Less than or equi Code 3	B	10/11/2018	3/18/2019	77	0.0089	0.6853	
1823321	91702	E	MB	P	2"	474	Less than or equi Code 2	B	10/12/2018	3/26/2019	85	0.2988	25.398	
1823349	91010	N	DB	P	1/2" CTS	431	Less than or equi Code 2	B	10/12/2018	12/24/2019	360	0.0089	3.204	
1823411	90016	N	DB	P	1/2" CTS	438	Less than or equi Code 3	B	10/15/2018		365	0.0089	3.2483	
1823435	91711	N	MB	P	2"	553	Less than or equi Code 3	B	10/15/2018	3/28/2019	87	0.2988	25.9956	
1823510	93458	N	DB	P	1"	491	Less than or equi Code 2	B	10/16/2018	4/3/2019	93	0.0089	0.8277	
1823839	90068	N	DB	P	1/2" CTS	455	Less than or equi Code 2	B	10/16/2018		365	0.0089	3.2483	
1823993	91320	N	DB	P	1"	437	Less than or equi Code 3	B	10/22/2018	4/11/2019	101	0.0089	0.8989	
1824212	93550	N	MB	P	2"	483	Less than or equi Code 2	B	10/25/2018	10/3/2019	276	0.2988	82.4688	
1824449	90029	E	DB	P	1/2" CTS	461	Less than or equi Code 2	B	10/26/2018	9/11/2019	254	0.0089	2.2406	
1824372	90077	N	MB	P	1/2" CTS	520	Less than or equi Code 3	B	10/26/2018		365	0.2988	109.062	
1824373	90077	N	MB	P	1/2" CTS	520	Less than or equi Code 3	B	10/26/2018		365	0.2988	109.062	
1824647	90016	DB	P	1/2" CTS	438	Less than or equi Code 3	B	10/31/2018		365	0.0089	3.2483		
1824833	91040	N	DB	P	1/2" IPS	513	Less than or equi Code 3	B	11/5/2018	3/1/2019	60	0.0089	0.534	
1825011	91315	N	DB	P	1/2" CTS	475	Less than or equi Code 3	B	11/7/2018	1/4/2019	4	0.0089	0.0356	
1825517	92807	N	DB	P	1/2" IPS	506	Less than or equi Code 3	B	11/7/2018	9/7/2019	66	0.0089	0.5874	
1825575	93065	N	MB	P	3"	515	Less than or equi Code 3	B	11/19/2018	2/20/2019	51	0.2988	15.2388	
1825578	91306	N	DB	P	1"	343	Less than or equi Code 3	B	11/19/2018	10/28/2019	301	0.0089	2.6789	
1825588	91364	N	DB	P	1/2" CTS	492	Less than or equi Code 2	B	11/19/2018	10/27/2019	295	0.0089	2.6255	
1826291	91260	N	DB	P	1/2" IPS	565	Less than or equi Code 3	B	12/4/2018	2/24/2019	55	0.0089	0.4895	
1826315	92507	N	DB	P	1/2" IPS	423	Less than or equi Code 3	B	12/4/2018	6/19/2019	170	0.0089	1.513	
1826769	90021	N	MB	P	42"	Less than or equi Code 2	B	12/12/2018	9/25/2019	260	0.2988	80.2784		
1826946	93653	N	MB	P	2"	421	Less than or equi Code 2	B	12/15/2018	11/13/2019	317	0.2988	94.7196	
1827474	90732	N	DB	P	1/2" CTS	400	Less than or equi Code 3	B	12/28/2018	6/21/2019	117	0.0089	1.5308	
1900020	92337	E	DB	P	1/2" IPS	504	Less than or equi Code 1	B	1/2/2019	1/2/2019	1		19	
1900038	92220	E	DB	P	1/2" CTS	395	Less than or equi Code 1	B	1/2/2019	1/2/2019	1		4	
1900046	91016	E	DB	P	1/2" CTS	393	Less than or equi Code 1	B	1/2/2019	1/2/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900047	90069	E	DB	P	1/2" CTS	419	Less than or equi Code 1	B	1/2/2019	1/2/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900053	91377	E	DB	P	2"	506	Less than or equi Code 2	B	1/2/2019	1/2/2019	57	0.2988	17	
1900069	93455	E	DB	P	1/2" CTS	475	Less than or equi Code 1	B	1/2/2019	1/2/2019	1		13	
1900080	93030	E	DB	P	1/2" CTS	53	Less than or equi Code 1	B	1/2/2019	1/2/2019	1		1	
1900081	90044	E	DB	P	1/2" CTS	283	Less than or equi Code 1	B	1/2/2019	1/2/2019	1		4	
1900092	90717	E	DB	P	1/2" IPS	475	Less than or equi Code 1	B	1/2/2019	1/2/2019	1		11	
1900105	92509	N	MB	P	2"	462	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900117	90623	DB	P	1/2" CTS	532	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1900118	90201	E	DB	P	1/2" CTS	384	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		6	
1900130	92253	E	DB	P	1"	21	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		3	
1900141	91291	N	MB	P	4"	998	Less than or equi Code 3	B	1/3/2019	1/3/2019	1	0.1548	0	
1900148	91004	E	DB	P	1"	287	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		7	
1900149	91710	E	DB	P	1/2" IPS	12	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		3	
1900152	91748	E	DB	P	1"	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		2		
1900166	90037	E	DB	P	1/2" CTS	452	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		8	
1900183	91604	E	DB	P	1/2" CTS	398	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900184	90272	E	DB	P	1/2" CTS	275	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900188	93401	E	DB	P	1/2" IPS	15	Less than or equi Code 1	B	1/3/2019	1/3/2019	1		11	
1900208	91360	N	DB	P	1/2" IPS	527	Less than or equi Code 3	B	1/3/2019	7/3/2019	182	0.0089	2	
1900225	91277	E	DB	P	1/2" IPS	488	Less than or equi Code 2	B	1/3/2019	1/3/2019	16	0.0089	0.1	
1900235	92408	N	DB	P	1/2" IPS	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1900256	92509	N	MB	P	4"	629	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900270	91360	N	DB	P	1/2" IPS	436	Less than or equi Code 3	B	1/4/2019	5/22/2019	139	0.0089	1	
1900272	92324	E	DB	P	1/2" IPS	66	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		5	
1900292	92675	E	DB	P	1"	26	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900314	91570	N	DB	P	1/2" CTS	283	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		5	
1900315	91360	N	DB	P	1/2" IPS	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1900317	90640	E	DB	P	1"	389	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900327	90018	E	DB	PC	1"	600	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		61	
1900348	91450	DB	P	1/2" CTS	413	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		12		
1900356	91360	N	DB	P	1/2" IPS	515	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900368	91360	N	MB	PC	2"	713	Less than or equi Code 3	B	1/5/2019	6/1/2019	158	0.0612	10	
1900368	91456	E	DB	PC	3/4"	714	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		1	
1900371	91709	E	DB	UC	3/4"	757	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		21	
1900375	92804	E	DB	PC	3/4"	776	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		16	
1900376	91360	E	DB	P	412" CTS	493	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		5	
1900378	90042	E	DB	P	1"	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		51		
1900380	92563	E	MB	P	2"	21	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900381	91604	N	MB	P	2"	463	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900383	91214	E	DB	P	1/2" CTS	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		9		
1900388	91274	E	DB	P	1/2" CTS	155	Less than or equi Code 1	B	1/5/2019	1/5/2019	1		19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900416	90026	DB	P	1/2" CTS	290	Less than or equi Code 1	B	1/4/2019	1/4/2019	1		1		
1900435	92201	E	DB	P	1/2" CTS	387	Less than or equi Code 1	B	1/7/2019	1/7/2019	1		1	
1900437	92618	E	DB	P	1"	411	Less than or equi Code 1	B	1/7/2019	1/7/2019	1		10	
1900463	92506	DB	P	1"	Less than or equi Code 1	B	1/7/2019	1/7/2019	1		20			
1900481	93452	E	MB	P	1"	484	Less than or equi Code 1	B	1/7/2019	1/7/2019	1		34	
1900497	92410	E	DB	UB	1"	897	Less than or equi Code							

190069 92570	E	DB	P	1/2" CTS	440	Less than or equi Code 1	B	1/15/2019	1/15/2019	1	4	
1900979 93454	E	DB	P	1/2" CTS	431	Less than or equi Code 1	B	1/15/2019	1/15/2019	1	3	
1900976 91752	N	DB	UC	3/4"	829	Less than or equi Code 1	B	1/15/2019	1/15/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1900977 92233	N	MB	P	2"	432	Less than or equi Code 3	B	1/15/2019	6/26/2019	163	49	
1901027 93455	E	DB	P	2"	191	Less than or equi Code 1	B	1/15/2019	1/15/2019	1	30	
1901033 91741	N	DB	P	1/2" IPS	517	Less than or equi Code 1	B	1/16/2019	1/16/2019	1	15	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1901034 92211	N	DB	P	1/2" CTS	498	Less than or equi Code 1	B	1/16/2019	1/16/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1901050 92336	E	MB	P	2"	14	Less than or equi Code 1	B	1/16/2019	1/16/2019	1	60	
1901058 92227	N	DB	P	400	Less than or equi Code 1	B	1/16/2019	1/16/2019	1	15	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1901096 91303	E	DB	P	1"	491	Less than or equi Code 1	B	1/17/2019	1/17/2019	1	18	
1901100 91214	E	MB	UC	2"	861	Less than or equi Code 2	B	1/17/2019	1/22/2019	6	0.1548	
1901112 91765	E	DB	P	1/2" CTS	480	Less than or equi Code 1	B	1/18/2019	1/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1901133 93230	E	DB	P	1/2" CTS	404	Less than or equi Code 1	B	1/18/2019	1/18/2019	1	6	
1901134 93336	E	DB	P	1/2" CTS		Less than or equi Code 1	B	1/18/2019	1/18/2019	1	3	
1901136 90660	E	DB	P	1/2" CTS	202	Less than or equi Code 1	B	1/18/2019	1/18/2019	1	2	
1901140 92407	E	DB	P	1/2" IPS	18	Less than or equi Code 1	B	1/18/2019	1/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1901143 93314	E	DB	P	1/2" CTS	361	Less than or equi Code 1	B	1/18/2019	1/18/2019	1	4	
1901159 91356	E	DB	PC	3/4"	448	Less than or equi Code 1	B	1/18/2019	1/18/2019	1	31	
1901167 90026	E	DB	P	1/2" CTS	506	Less than or equi Code 1	B	1/18/2019	1/18/2019	1	2	
1901171 90026	E	DB	P	1/2" CTS	488	Less than or equi Code 1	B	1/18/2019	1/18/2019	1	6	
1901193 90032	E	DB	UC	1"	107	Less than or equi Code 1	B	1/19/2019	1/19/2019	1	3	
1902118 90020	E	DB	P	1/2" CTS	532	Less than or equi Code 1	B	1/20/2019	1/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1902227 93003	O	DB	P	1/2" IPS	551	Less than or equi Code 1	B	1/21/2019	1/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1902230 93401	E	DB	P	1/2" IPS		Less than or equi Code 1	B	1/21/2019	1/21/2019	1	4	
1902231 90018	E	DB	P	1"	387	Less than or equi Code 1	B	1/21/2019	1/21/2019	1	5	
1902234 92618	E	MB	P	2"	13	Less than or equi Code 1	B	1/21/2019	1/21/2019	1	88	
1902236 91208	E	DB	P	1/2" CTS	460	Less than or equi Code 1	B	1/21/2019	1/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1902239 90210	E	DB	PC	3/4"	443	Greater than 60' Code 1	B	1/21/2019	1/21/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1902140 91706	E	DB	UC	3/4"	854	Less than or equi Code 1	B	1/22/2019	1/22/2019	1	23	
1902143 91016	N	DB	P	1/2" CTS	384	Less than or equi Code 2	B	1/22/2019	1/22/2019	2	0.0089	
1902144 90260	E	DB	P	21/2" CTS	254	Less than or equi Code 1	B	1/21/2019	1/21/2019	7		
1902145 90042	E	DB	P	1/2" CTS	549	Less than or equi Code 1	B	1/21/2019	1/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1902191 91711	E	DB	P	1/2" CTS	323	Less than or equi Code 1	B	1/22/2019	1/22/2019	1	3	
1902219 91401	E	DB	P	1/2" IPS	19	Less than or equi Code 1	B	1/22/2019	1/22/2019	1	17	
1903103 90038	E	DB	P	1"	205	Less than or equi Code 1	B	1/22/2019	1/22/2019	1	3	
1903111 92508	E	DB	P	1/2" CTS	186	Less than or equi Code 1	B	1/22/2019	1/22/2019	1	6	
1903138 91011	E	DB	P	21/2" CTS	214	Less than or equi Code 1	B	1/22/2019	1/22/2019	1	5	
1903129 91709	E	DB	P	1/2" IPS	28	Less than or equi Code 1	B	1/22/2019	1/22/2019	1	19	
1903139 93063	N	DB	P	1/2" IPS		Less than or equi Code 1	B	1/22/2019	1/22/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1903183 93402	E	DB	P	412" CTS	415	Less than or equi Code 1	B	1/23/2019	1/23/2019	1	2	
1903193 92320	E	DB	P	1/2" IPS	515	Less than or equi Code 1	B	1/23/2019	1/23/2019	1	4	
1904145 92618	E	DB	P	2"	20	Less than or equi Code 1	B	1/23/2019	1/23/2019	1	58	
1904146 92407	E	DB	P	1/2" IPS		Less than or equi Code 1	B	1/23/2019	1/23/2019	1	8	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
190426 90272	E	DB	P	1/2" IPS	436	Less than or equi Code 1	B	1/19/2019	1/19/2019	1	4	
190428 90066	E	DB	P	1/2" CTS	407	Less than or equi Code 1	B	1/23/2019	1/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904140 91010	E	DB	P	1"	464	Less than or equi Code 1	B	1/23/2019	1/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904143 90005	E	DB	P	1/2" CTS	430	Less than or equi Code 1	B	1/23/2019	1/23/2019	1	8	
1904145 91773	E	DB	P	1/2" IPS	95	Less than or equi Code 1	B	1/23/2019	1/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904148 90042	E	DB	P	1/2" CTS	539	Less than or equi Code 1	B	1/23/2019	1/23/2019	1	3	
1904151 91007	N	MB	P	2"	413	Less than or equi Code 1	B	1/23/2019	1/23/2019	1	21	
1904163 92231	E	DB	PB	3/4"		Less than or equi Code 1	B	1/24/2019	1/24/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904178 90042	E	DB	P	1/2" CTS	323	Less than or equi Code 1	B	1/24/2019	1/24/2019	1	2	
1904185 90011	E	DB	PC	3/4"	508	Less than or equi Code 1	B	1/24/2019	1/24/2019	1	207	
1904188 90262	E	DB	P	1/2" CTS	179	Less than or equi Code 1	B	1/24/2019	1/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1905113 91025	E	DB	P	1"	260	Less than or equi Code 1	B	1/24/2019	1/24/2019	1	3	
1905113 90406	E	DB	P	2"	527	Less than or equi Code 1	B	1/24/2019	1/24/2019	1	207	
1905135 91405	E	DB	P	1/2" CTS	545	Less than or equi Code 1	B	1/24/2019	1/24/2019	1	7	
1905138 93463	N	DB	P	1/2" IPS	515	Less than or equi Code 3	B	1/24/2019	1/24/2019	1	0.0089	
1905144 90023	E	DB	P	1/2" CTS	427	Less than or equi Code 2	B	1/24/2019	1/24/2019	1	0.0089	
1905146 91765	E	DB	P	1/2" IPS	507	Less than or equi Code 1	B	1/24/2019	1/24/2019	1	1	
1905157 92507	E	DB	P	2"	15	Less than or equi Code 1	B	1/25/2019	1/25/2019	1	33	
1905166 91710	E	DB	P	1/2" IPS	25	Less than or equi Code 1	B	1/25/2019	1/25/2019	1	14	
1905187 92869	E	MB	P	3"	439	Less than or equi Code 1	B	1/25/2019	1/25/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1905188 91711	E	DB	P	1/2" IPS	421	Less than or equi Code 1	B	1/25/2019	1/25/2019	1	17	
1905189 91710	E	DB	P	1/2" IPS	35	Less than or equi Code 1	B	1/25/2019	1/25/2019	1	14	
1905198 93023	E	MB	P	2"	430	Less than or equi Code 1	B	1/25/2019	1/25/2019	1	91	
1905199 90706	E	DB	P	1/2" CTS	479	Less than or equi Code 1	B	1/25/2019	1/25/2019	1	7	
1906100 91411	E	DB	P	1/2" CTS	466	Less than or equi Code 1	B	1/26/2019	1/26/2019	1	4	
190611 90865	E	DB	P	1/2" CTS	438	Less than or equi Code 1	B	1/26/2019	1/26/2019	1	7	
1906113 93215	E	DB	P	1"	543	Less than or equi Code 1	B	1/26/2019	1/26/2019	1	47	
1906144 91710	E	DB	P	2"	299	Less than or equi Code 1	B	1/26/2019	1/26/2019	1	7	
1906166 91040	N	DB	P	1"	498	Less than or equi Code 2	B	1/26/2019	7/13/2019	179	0.0089	
1906167 91801	E	DB	P	1/2" CTS	371	Less than or equi Code 1	B	1/26/2019	1/26/2019	1	2	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906188 90405	E	DB	P	1/2" CTS	431	Less than or equi Code 1	B	1/26/2019	1/26/2019	1	7	
1906160 91120	N	MB	P	2"	14	Less than or equi Code 1	B	1/26/2019	1/26/2019	1	146	
1906161 92543	E	DB	P	1/2" CTS	497	Less than or equi Code 1	B	1/26/2019	1/26/2019	1	5	
1906167 92404	N	MB	P	2"	497	Less than or equi Code 1	B	1/27/2019	1/27/2019	1	5	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906169 90282	E	DB	P	1/2" IPS	424	Less than or equi Code 1	B	1/27/2019	1/27/2019	1	15	
1906164 93241	E	DB	P	1/2" CTS	299	Less than or equi Code 1	B	1/27/2019	1/27/2019	1	10	
1906165 92865	E	DB	P	1"	221	Less than or equi Code 1	B	1/27/2019	1/27/2019	1	5	
1906162 90883	E	DB	P	1/2" IPS	28	Less than or equi Code 1	B	1/26/2019	1/26/2019	1	20	
190698 91711	E	MB	P	2"	468	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	85	
190706 92231	E	DB	P	1/2" CTS	316	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	17	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907108 91724	N	MB	UC	3/4"	1115	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	17	
1907114 91344	E	DB	P	1/2" CTS	497	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	5	
1907115 90059	E	DB	P	1/2" CTS	452	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907119 91201	DB	P	1/2" CTS	444	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	6		
1907128 93245	N	DB	P	1/2" CTS	439	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907134 91303	E	DB	P	1/2" CTS	493	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	9	
1907139 91274	N	DB	P	2"	13	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	44	
1907142 93103	E	DB	P	1/2" IPS	577	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	14	
1907145 90045	N	DB	P	1/2" CTS	461	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907157 91256	E	DB	P	1/2" IPS	459	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	2	
1907165 91605	E	DB	P	1/2" CTS	428	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	5	
1907166 92648	E	DB	P	1/2" IPS	208	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	15	
1907167 91422	E	DB	P	1"	203	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907177 91711	E	DB	P	1/2" IPS	162	Less than or equi Code 1	B	1/28/2019	1/28/2019	1	4	
1907186 91786	N	DB	P	1/2" CTS	525	Less than or equi Code 1	B	1/29/2019	1/29/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1901888 93004	E											

1902161 90011	E	DB	P	1/2" IPS	273	Less than or equi Code 1	B	2/1/2019	2/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902177 90024	E	DB	P	1/2" IPS	863	Less than or equi Code 1	B	2/1/2019	2/1/2019	1	5		
1902182 90021	N	DB	P	1"	542	Less than or equi Code 2	B	2/1/2019	2/1/2019	21	0.0089		
1902189 92705-3322	N	DB	P	1/2" IPS	589	Less than or equi Code 2	B	2/1/2019	3/8/2019	0	35	0.0089	
1902190 92227	E	DB	P	1/2" CTS	475	Less than or equi Code 1	B	2/1/2019	2/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902246 93402	E	DB	P	1/2" IPS	505	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	21		
1902302 90033	E	DB	P	1/2" CTS	339	Less than or equi Code 3	B	2/6/2019	2/6/2019	1	16		
1902332 90720	E	DB	P	1/2" CTS	455	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	3		
1902346 93660	E	DB	P	1"	338	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	1		
1902358 93402	E	DB	P	1"	23	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	17		
1902364 91325	E	DB	PC	3/4"	797	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	22		
1902367 90010	E	DB	P	1"	62	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	1		
1902383 92649	E	DB	P	2"	17	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	88		
1902385 92656	E	DB	P	1/2" IPS	359	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	2		
1902386 93673	E	DB	P	3/8"	399	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	1		
1902387 93434	E	DB	P	1/2" CTS	223	Less than or equi Code 1	B	2/6/2019	2/6/2019	1	7		
1902413 92530	E	DB	P	1/2" IPS	23	Less than or equi Code 1	B	2/7/2019	2/7/2019	1	6		
1902430 92340	N	DB	P	1/2" IPS	521	Less than or equi Code 1	B	2/7/2019	2/7/2019	1	16	0.0089	
1902437 90272	E	DB	P	1/2" IPS	405	Less than or equi Code 1	B	2/7/2019	2/7/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902452 92630	E	DB	P	1"	23	Less than or equi Code 1	B	2/7/2019	2/7/2019	1	33		
1902453 92807	N	DB	P	1/2" IPS	494	Less than or equi Code 3	B	2/7/2019	11/4/2019	271	0.0089		
1902464 92302	E	DB	P	1/2" IPS	1	Less than or equi Code 1	B	2/7/2019	2/7/2019	1	6		
1902465 90220	E	DB	P	1/2" CTS	455	Less than or equi Code 1	B	2/7/2019	2/7/2019	1	20		
1902467 91362	E	DB	P	1/2" CTS	437	Less than or equi Code 1	B	2/7/2019	2/7/2019	1	5		
1902470 90205	E	DB	PC	3/4"	734	Less than or equi Code 1	B	2/7/2019	2/7/2019	1	45		
1902471 92553	E	DB	P	1"	16	Less than or equi Code 1	B	2/7/2019	2/7/2019	1	34		
1902507 91764	E	DB	P	1/2" CTS	318	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	11		
1902514 92374	E	DB	P	1/2" IPS	512	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902531 91773	E	DB	P	1/2" CTS	1	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	4		
1902549 92865	E	DB	P	1"	221	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	9		
1902550 91793	E	DB	MB	1"	438	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902561 92551	E	DB	P	1/2" CTS	393	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	8		
1902563 90205	N	DB	PC	3/4"	734	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902571 90429	E	DB	P	1/2" IPS	387	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902572 91302	N	DB	P	2"	1	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902585 90001	E	DB	P	1/2" IPS	335	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	7		
1902595 90277	E	DB	P	1/2" IPS	396	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902602 93215	E	DB	P	1/2" CTS	157	Less than or equi Code 1	B	2/8/2019	2/8/2019	1	11		
1902613 93063	N	DB	P	1/2" CTS	215	Less than or equi Code 3	B	2/11/2019	6/2/2019	131	0.0089		
1902630 91355	E	DB	P	1/2" IPS	23	Less than or equi Code 1	B	2/11/2019	2/11/2019	1	8		
1902686 90402	E	DB	P	1/2" IPS	359	Less than or equi Code 1	B	2/11/2019	2/11/2019	1	29	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902687 92545	E	DB	P	1/2" IPS	16	Less than or equi Code 1	B	2/11/2019	2/11/2019	1	4		
1902689 92086	E	DB	P	1/2" IPS	1	Less than or equi Code 1	B	2/11/2019	2/11/2019	1	1		
1902702 92704	N	DB	P	2"	411	Less than or equi Code 2	B	2/12/2019	2/13/2019	2	0.2988		
1902704 90360-2142	N	DB	P	1/2" CTS	293	Less than or equi Code 1	B	2/12/2019	2/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902735 90300	E	DB	UC	3/4"	418	Less than or equi Code 1	B	2/12/2019	2/12/2019	1	8		
1902737 90063	E	DB	P	1"	332	Less than or equi Code 1	B	2/12/2019	2/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902738 90360	E	DB	P	1/2" CTS	444	Less than or equi Code 1	B	2/12/2019	2/12/2019	1	8		
1902752 90080	E	DB	P	1"	479	Less than or equi Code 1	B	2/12/2019	2/12/2019	1	22		
1902750 91357	E	DB	MB	2"	482	Less than or equi Code 1	B	2/12/2019	2/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902763 92562	E	DB	P	1"	359	Less than or equi Code 1	B	2/12/2019	2/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902791 90300	E	DB	P	1/2" CTS	875	Less than or equi Code 1	B	2/12/2019	2/12/2019	1	4		
1902793 90004	E	DB	P	1/2" CTS	524	Less than or equi Code 1	B	2/12/2019	2/12/2019	1	6		
1902817 90250	E	DB	P	1/2" CTS	1	Less than or equi Code 2	B	2/12/2019	7/23/2019	164	0.0089		
1902821 90638	N	DB	P	1/2" CTS	413	Less than or equi Code 2	B	2/13/2019	2/22/2019	10	0.0089		
1902855 90044	E	DB	P	1/2" CTS	493	Less than or equi Code 3	B	2/13/2019	2/13/2019	1	0.0089		
1902908 90005	E	DB	P	1/2" CTS	468	Less than or equi Code 1	B	2/14/2019	2/14/2019	1	8		
1902934 93314	E	DB	P	1"	39	Less than or equi Code 1	B	2/15/2019	2/15/2019	1	1		
1902965 90214	E	DB	P	2"	542	Less than or equi Code 1	B	2/15/2019	2/15/2019	1	1		
1902974 92553	E	DB	P	1/2" CTS	431	Less than or equi Code 1	B	2/15/2019	2/15/2019	1	7	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902987 93010	E	DB	P	1/2" CTS	503	Less than or equi Code 1	B	2/16/2019	2/16/2019	1	6		
1902989 93621	E	DB	P	1/2" CTS	427	Less than or equi Code 1	B	2/16/2019	2/16/2019	1	1		
1902992 93004	E	DB	P	1/2" CTS	484	Less than or equi Code 1	B	2/16/2019	2/16/2019	1	4	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1902997 93317	N	DB	MB	P	2"	577	Less than or equi Code 2	B	2/16/2019	9/18/2019	215	0.2988	
1903000 90509	E	DB	P	1/2" IPS	29	Less than or equi Code 1	B	2/16/2019	2/16/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903004 92324	E	DB	P	1/2" IPS	538	Less than or equi Code 1	B	2/16/2019	2/16/2019	1	22		
1903012 93444	E	DB	P	1/2" CTS	1	Less than or equi Code 1	B	2/17/2019	2/17/2019	1	8		
1903016 92595	E	DB	P	1/2" CTS	423	Less than or equi Code 1	B	2/17/2019	2/17/2019	1	11		
1903023 91326	E	DB	P	1/2" IPS	23	Less than or equi Code 1	B	2/18/2019	2/18/2019	1	4		
1903024 92591	E	DB	P	1"	227	Less than or equi Code 1	B	2/18/2019	2/18/2019	1	44		
1903029 92263	E	DB	P	1/2" CTS	488	Less than or equi Code 1	B	2/18/2019	2/18/2019	1	10		
1903031 92277	E	DB	P	1/2" IPS	509	Less than or equi Code 1	B	2/18/2019	2/18/2019	1	20		
1903034 90001	E	DB	P	1/2" CTS	1	Less than or equi Code 1	B	2/18/2019	2/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903037 92527	N	DB	P	1/2" CTS	160	Less than or equi Code 1	B	2/18/2019	2/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903071 90201	E	DB	P	1/2" CTS	387	Less than or equi Code 1	B	2/18/2019	2/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903078 92553	E	DB	P	1/2" CTS	15	Less than or equi Code 1	B	2/19/2019	2/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903082 92364	E	DB	P	1/2" IPS	428	Less than or equi Code 1	B	2/19/2019	2/19/2019	1	3		
1903092 92543	E	DB	P	1/2" CTS	440	Less than or equi Code 1	B	2/19/2019	2/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903093 93033	E	DB	P	2"	1	Less than or equi Code 1	B	2/19/2019	2/19/2019	1	60		
1903102 90003	E	DB	P	1/2" CTS	669	Less than or equi Code 1	B	2/19/2019	2/19/2019	1	4		
1903105 92270	E	DB	P	1/2" CTS	478	Less than or equi Code 1	B	2/19/2019	2/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903109 91501	E	DB	P	1/2" CTS	209	Less than or equi Code 1	B	2/19/2019	2/19/2019	1	2		
1903118 90284	E	DB	PC	3/4"	673	Less than or equi Code 1	B	2/19/2019	2/19/2019	1	6		
1903119 90004	E	DB	P	1/2" CTS	96	Less than or equi Code 1	B	2/19/2019	2/19/2019	1	8		
1903147 92840	E	DB	P	1"	17	Less than or equi Code 2	B	2/20/2019	2/20/2019	1	0.0089		
1903157 92503	E	DB	P	1"	13	Less than or equi Code 1	B	2/20/2019	2/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903188 90245	E	DB	P	1/2" CTS	478	Less than or equi Code 1	B	2/20/2019	2/20/2019	1	1		
1903213 90210	E	DB	UB	3/4"	1	Less than or equi Code 1	B	2/20/2019	2/20/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903211 93212	E	DB	P	1/2" CTS	461	Less than or equi Code 1	B	2/20/2019	2/20/2019	1	13		
1903262 93012	E	DB	P	4/2" CTS	467	Less than or equi Code 1	B	2/21/2019	2/21/2019	1	5		
1903307 93023-9302	N	DB	P	1/2" CTS	215	Less than or equi Code 3	B	2/21/2019	8/20/2019	181	0.0089		
1903322 90027	E	DB	MB	P	2"	476	Less than or equi Code 2	B	2/21/2019	3/18/2019	26	0.2988	
1903339 92886	E	DB	P	1/2" IPS	502	Less than or equi Code 1	B	2/21/2019	4/17/2019	56	0.2988		
1903339 91356	E	DB	P	1/2" IPS	544	Less than or equi Code 1	B	2/21/2019	2/21/2019	1	4		
1903342 90019	E	DB	P	1"	30	Less than or equi Code 1	B	2/21/2019	2/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903344 90072	E	DB	P	1/2" IPS	239	Less than or equi Code 1	B	2/21/2019	2/21/2019	1	5		
1903374 90048	E	DB	UC	3/8"	1	Less than or equi Code 1	B	2/22/2019	2/22/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1903376 92618	E	DB	P	1/2" IPS	20	Less than or equi Code 1	B	2/22/2019	2/22/2019	1	19	Emission estimated from population of similar events. See Explanatory	

1903718 91711	E	DB	P	1"	350	Less than or equal Code 1	B	2/27/2019	2/27/2019	1	35	
1903722 92091	E	MB	P	2"	477	Less than or equal Code 1	B	2/27/2019	2/27/2019	1	34	
1903730 91284	N	DB	P	1 1/2" CTS	484	Less than or equal Code 1	B	2/27/2019	2/27/2019	1	19	
1903743 92504	E	DB	P	3"	383	Less than or equal Code 1	B	2/27/2019	2/27/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1903749 93101	E	DB	P	1"	396	Less than or equal Code 1	B	2/27/2019	2/27/2019	1	10	
1903748 91362	E	DB	P	1 1/2" IPS	523	Less than or equal Code 1	B	2/27/2019	2/27/2019	1	4	
1903787 92557	E	MB	P	2"	145	Less than or equal Code 1	B	2/28/2019	2/28/2019	1	58	
1903832 91711	E	DB	UC	1 1/4"	707	Less than or equal Code 1	B	2/28/2019	2/28/2019	1	70	
1903834 91001	E	DB	P	2"	205	Less than or equal Code 1	B	2/28/2019	2/28/2019	1	40	
1903836 90069	E	DB	PC	1"	473	Less than or equal Code 1	B	2/28/2019	2/28/2019	1	71	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1903890 92360	E	DB	P	1 1/2" CTS		Less than or equal Code 1	B	2/28/2019	2/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1903907 90713	E	MB	P	1"		Less than or equal Code 1	B	3/1/2019	3/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1903909 90019	E	DB	P	1 1/2" CTS	540	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	9	
1903915 93445	E	DB	P	1 1/2" CTS	792	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	2	
1903921 92584	E	DB	P	1 1/2" IPS		Less than or equal Code 1	B	3/1/2019	3/1/2019	1	4	
1903923 91406	E	DB	P	1 1/2" CTS	418	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	14	
1903929 91733	E	DB	PC	3/4"	620	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	18	
1903941 91709	E	DB	P	2 1/2" CTS	246	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	4	
1903942 91316	E	DB	P	1 1/2" IPS	205	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	9	
1903945 93552	E	MB	P	2"	151	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	138	
1903940 92660	E	DB	P	1"	361	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1903962 91342	N	DB	P	1"		Less than or equal Code 1	B	3/1/2019	3/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1903965 93272	E	DB	P	1 1/2" CTS	818	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	2	
1903975 93041	O	DB	P	1 1/2" CTS	342	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	10	
1904026 90033	E	DB	P	1"	90	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	3	
1904055 90004	E	DB	P	1 1/2" CTS	263	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904068 90306	E	DB	P	1 1/2" CTS	484	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904072 91030	E	DB	P	1 1/2" CTS	360	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904075 90015	E	MB	PC	1"	857	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	45	
1904123 91302	E	DB	P	1 1/2" IPS	560	Less than or equal Code 1	B	3/5/2019	3/5/2019	1	5	
1904124 90533	E	MB	P	1"	117	Less than or equal Code 1	B	3/5/2019	3/5/2019	1	144	
1904130 91730	E	MB	P	4"	290	Less than or equal Code 1	B	3/5/2019	3/5/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904134 91606	E	DB	P	1"	23	Less than or equal Code 1	B	3/5/2019	3/5/2019	1	13	
1904140 91356	E	DB	P	2 1/2" CTS	228	Less than or equal Code 1	B	3/5/2019	3/5/2019	1	6	
1904142 91730	N	DB	P	1"	371	Less than or equal Code 2	B	3/5/2019	8/16/2019	165	0.0089	
1904179 90029	E	DB	P	1 1/2" CTS	633	Less than or equal Code 1	B	3/5/2019	3/5/2019	1	35	
1904182 90003	E	DB	P	4 1/2" CTS	427	Less than or equal Code 1	B	3/5/2019	3/5/2019	1	19	
1904207 92236	E	MB	P	2"	14	Less than or equal Code 1	B	3/6/2019	3/6/2019	1	38	
1904250 93445	E	DB	P	1 1/2" IPS	407	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	8	
1904259 91745	E	MB	P	1"	547	Less than or equal Code 1	B	3/7/2019	8/24/2019	175	0.2988	
1904266 92233	E	DB	P	1 1/2" CTS	294	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904275 92675-1922	E	DB	P	1 1/2" IPS	466	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	2	
1904282 92840-4000	E	MB	P	1"	707	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	6	
1904294 90077	E	DB	P	1 1/2" CTS	336	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	6	
1904297 90019	E	DB	P	1 1/2" IPS	396	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	12	
1904299 91042	E	DB	P	1 1/2" CTS	375	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	5	
1904300 90002	E	DB	P	2 1/2" IPS	28	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904307 93550	E	DB	P	1 1/2" IPS	393	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904338 90027	E	DB	P	1 1/2" IPS	457	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	3	
1904314 91773	E	DB	P	1"	380	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	1	
1904360 92504	N	DB	P	1 1/2" IPS	489	Less than or equal Code 2	B	3/8/2019		299	0.0089	
1904367 92360	N	DB	P	1"		Less than or equal Code 1	B	3/8/2019	3/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904369 91342	E	DB	P	1"	818	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	117	
1904374 92203	E	DB	P	1 1/2" CTS	185	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	1	
1904376 91350	E	DB	P	2"	299	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	129	
1904381 90065	E	DB	P	1 1/2" CTS	545	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904399 90065	E	DB	P	1 1/2" CTS	536	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904403 90004	E	DB	P	1 1/2" CTS	472	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	3	
1904430 91301	E	DB	P	1"	403	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	3	
1904425 91773	E	DB	P	1"	395	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904429 92441	E	DB	P	1 1/2" CTS	31	Less than or equal Code 1	B	3/9/2019	3/9/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904431 90068	E	DB	P	4 1/2" CTS	472	Less than or equal Code 1	B	3/9/2019	3/9/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904440 93219	E	DB	P	1 1/2" CTS	448	Less than or equal Code 1	B	3/10/2019	3/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904448 92545	E	DB	P	1 1/2" IPS	511	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904483 90004	E	DB	P	1"	24	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904498 91016	E	DB	P	1"	30	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904503 90064-3101	N	MB	P	2"	439	Less than or equal Code 3	B	3/11/2019	7/17/2019	129	0.2988	
1904515 91708-4216	E	DB	P	1"	482	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904539 91391	E	DB	P	1"	18	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904542 91001	E	MB	P	2"	473	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904544 90301	E	DB	P	1 1/2" CTS	493	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	1	
1904546 91367	E	DB	P	1"	484	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	33	
1904547 91784	E	DB	P	1"	222	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	52	
1904549 91001	E	DB	P	1 1/2" CTS	581	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	5	
1904553 90020	E	DB	PC	1"	546	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	33	
1904568 92592	E	DB	P	1 1/2" IPS	227	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904574 93444	E	MB	P	2"	161	Less than or equal Code 2	B	3/11/2019	3/11/2019	2	0.2988	
1904601 92860	E	DB	P	1 1/2" IPS	523	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	6	
1904612 90035	E	DB	P	1"	128	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	28	
1904621 91103	E	DB	P	1 1/2" IPS	337	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904623 90027	E	DB	P	1 1/2" IPS	184	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	22	
1904627 91601	E	DB	UC	3/4"	598	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	10	
1904628 91711	E	DB	P	1 1/2" IPS	346	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	15	
1904638 91606	E	DB	P	1 1/2" CTS	272	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	5	
1904650 90265	E	DB	PC	3/4"		Less than or equal Code 1	B	3/12/2019	3/12/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904661 92506	E	DB	UC	3/4"	737	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	24	
1904715 90210	E	DB	P	3 1/2" IPS	372	Less than or equal Code 1	B	3/13/2019	3/13/2019	1	3	
1904746 91601	E	DB	P	1 1/2" CTS	416	Less than or equal Code 1	B	3/13/2019	3/13/2019	1	6	
1904747 91277	E	MB	P	2"	236	Less than or equal Code 1	B	3/13/2019	3/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904748 93550	E	DB	PC	6 1/2" CTS	63	Less than or equal Code 1	B	3/13/2019	3/13/2019	1	13	
1904769 93023	N	DB	P	1"	275	Less than or equal Code 2	B	3/14/2019	3/15/2019	2	0.0089	
1904776 91274	E	DB	P	1 1/2" IPS	339	Less than or equal Code 1	B	3/14/2019	3/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904791 91206	E	DB	P	1 1/2" CTS	515	Less than or equal Code 2	B	3/14/2019	3/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1904809 93060	E	DB	P	1"	287	Less than or equal Code 1	B	3/14/2019	3/14/2019	1	23	
1904814 90003	E	DB	P	1 1/2" CTS	464	Less than or equal Code 1	B	3/14/2019	3/14/2019	1	5	
1904819 92707	E	DB	P	1"	371	Less than or equal Code 1	B	3/14/2019	3/14/2019	1	39	
1904812 92584	E	DB	P	1 1/2" IPS	11	Less than or equal Code 1	B	3/14/2019	3/14/2019	1	17	
1904865 91761	E	DB	P	1 1/2" CTS	411	Less than or equal Code 1	B	3/15/2019	3/15/2019	1	9	

1905208	92320	E	DB	P	1/2" IPS	18	Less than or equal Code 1	B	3/20/2019	3/20/2019	1		3	
1905209	91405	E	DB	P	1/2" CTS	475	Less than or equal Code 1	B	3/20/2019	3/20/2019	1		9	
1905214	90260	E	DB	P	1/2" CTS	75	Less than or equal Code 1	B	3/20/2019	3/20/2019	1		3	
1905234	93535	E	DB	P	1/2" CTS	421	Less than or equal Code 1	B	3/20/2019	3/20/2019	1		9	
1905237	92374	E	DB	P	1/2" IPS	485	Less than or equal Code 1	B	3/20/2019	3/20/2019	1		9	
1905246	90023	E	DB	P	1/2" CTS	422	Less than or equal Code 1	B	3/20/2019	3/20/2019	1		5	
1905257	91208	E	DB	UB	3/4"	662	Less than or equal Code 1	B	3/20/2019	3/20/2019	1		20	
1905259	91208	E	DB	UC	3/4"	350	Less than or equal Code 1	B	3/20/2019	3/20/2019	1		14	
1905270	90026	E	DB	P	1/2" IPS	545	Less than or equal Code 1	B	3/20/2019	3/20/2019	1		26	
1905299	93010-8478	N	MB	P	2"	544	Less than or equal Code 3	B	3/21/2019	6/7/2019	79	0.2988	1	
1905300	91762	E	DB	P	1/2" CTS	351	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		2	
1905302	90205	E	DB	PC	1 1/4"	549	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		78	
1905304	93534	E	DB	P	1"	335	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		17	
1905313	90205	E	DB	P	1/2" CTS	239	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		19	
1905315	90201	E	DB	P	1/2" CTS	312	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		5	
1905325	90241-2665	E	DB	UC	3/4"	653	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		20	
1905329	91201	E	DB	P	1/2" CTS	443	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		19	
1905337	90032	E	DB	P	1/2" CTS	516	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		7	
1905341	90360	E	DB	P	1/2" CTS	419	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		18	
1905348	91263	E	DB	MB	P	2"	550	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		91
1905352	92592	E	DB	P	1/2" CTS	17	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		15	
1905354	90020	E	DB	P	1/2" CTS	288	Less than or equal Code 1	B	3/21/2019	3/21/2019	1		15	
1905358	90068	E	DB	UC	3/4"	745	Less than or equal Code 1	B	3/22/2019	3/22/2019	1		20	
1905383	92201	E	DB	P	1/2" CTS	443	Less than or equal Code 1	B	3/22/2019	3/22/2019	1		19	
1905385	92374	E	DB	P	1"	52	Less than or equal Code 1	B	3/22/2019	3/22/2019	1		19	
1905386	90022	E	DB	P	1/2" CTS	419	Less than or equal Code 1	B	3/22/2019	3/22/2019	1		10	
1905406	92253	E	DB	P	1/2" CTS	355	Less than or equal Code 1	B	3/22/2019	3/22/2019	1		7	
1905418	92660-3805	E	DB	P	1/2" CTS	17	Less than or equal Code 1	B	3/22/2019	3/22/2019	1		8	
1905434	90016	E	DB	P	1/2" IPS	656	Less than or equal Code 1	B	3/22/2019	3/22/2019	1		19	
1905442	92374	E	DB	UB	3/4"	361	Less than or equal Code 1	B	3/22/2019	3/22/2019	1		20	
1905446	90003	E	DB	P	1/2" CTS	491	Less than or equal Code 1	B	3/23/2019	3/23/2019	1		19	
1905477	92324	E	DB	P	1/2" CTS	17	Less than or equal Code 1	B	3/23/2019	3/23/2019	1		10	
1905480	91291	E	DB	P	1/2" IPS	148	Less than or equal Code 1	B	3/24/2019	3/24/2019	1		19	
1905484	91334	E	DB	P	1/2" CTS	174	Less than or equal Code 1	B	3/24/2019	3/24/2019	1		19	
1905500	92592	E	DB	P	1/2" CTS	222	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		5	
1905519	90025	E	DB	P	1/2" IPS	83	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		19	
1905532	91961	E	DB	MB	P	465	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		38	
1905530	91762	E	DB	P	1/2" CTS	220	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		3	
1905559	90018	E	DB	P	1/2" CTS	17	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		9	
1905560	92337	E	DB	P	1/2" CTS	434	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		137	
1905562	9267-2369	E	DB	P	1/2" CTS	432	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		2	
1905568	90018	E	DB	P	1/2" CTS	338	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		19	
1905575	91762	E	DB	P	1/2" CTS	446	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		14	
1905591	91106-3904	E	DB	P	1/2" CTS	439	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		19	
1905593	90302	E	DB	P	1/2" CTS	299	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		7	
1905597	91212	E	DB	UC	3/4"	902	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		20	
1905598	90069	E	DB	P	1/2" CTS	206	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		19	
1905599	92592	E	DB	P	1/2" IPS	23	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		5	
1905600	91311	E	DB	P	2"	482	Less than or equal Code 1	B	3/25/2019	3/25/2019	1		19	
1905614	91003	E	DB	P	1"	327	Less than or equal Code 1	B	3/26/2019	3/26/2019	1		7	
1905676	92586	E	DB	P	1/2" CTS	436	Less than or equal Code 1	B	3/26/2019	3/26/2019	1		1	
1905680	90046	E	DB	P	1"	244	Less than or equal Code 1	B	3/26/2019	3/26/2019	1		28	
1905712	92506	E	DB	P	1/2" IPS	159	Less than or equal Code 1	B	3/26/2019	3/26/2019	1		13	
1905713	90210	E	DB	P	1/2" CTS	11	Less than or equal Code 1	B	3/26/2019	3/26/2019	1		19	
1905735	91342	E	DB	P	1/2" CTS	349	Less than or equal Code 1	B	3/26/2019	3/26/2019	1		8	
1905746	90284	E	DB	P	1/2" CTS	341	Less than or equal Code 1	B	3/27/2019	3/27/2019	1		5	
1905798	92886-5370	E	DB	PC	3/4"	683	Less than or equal Code 1	B	3/27/2019	3/27/2019	1		11	
1905804	92324	E	DB	P	1/2" IPS	349	Less than or equal Code 1	B	3/27/2019	3/27/2019	1		9	
1905809	92374	E	DB	MB	P	18	Less than or equal Code 1	B	3/27/2019	3/27/2019	1		4	
1905811	92260	E	DB	P	1/2" CTS	267	Less than or equal Code 1	B	3/27/2019	3/27/2019	1		145	
1905815	91710	E	DB	MB	P	2"	34	Less than or equal Code 1	B	3/27/2019	3/27/2019	1		4
1905875	91775-2862	E	DB	P	1"	587	Less than or equal Code 1	B	3/28/2019	3/28/2019	1		1	
1905888	92602	E	DB	P	1/2" IPS	40	Less than or equal Code 1	B	3/28/2019	3/28/2019	1		4	
1905894	92618-1373	E	DB	P	1/2" IPS	17	Less than or equal Code 1	B	3/28/2019	3/28/2019	1		15	
1905903	90026	E	DB	PC	1"	753	Less than or equal Code 1	B	3/27/2019	3/27/2019	1		71	
1905936	92231	E	DB	P	1/2" CTS	264	Less than or equal Code 1	B	3/29/2019	3/29/2019	1		19	
1905938	92860	E	DB	P	1/2" IPS	383	Less than or equal Code 1	B	3/29/2019	3/29/2019	1		4	
1905949	91021	E	DB	MB	P	915	Less than or equal Code 1	B	3/29/2019	3/29/2019	1		4	
1905951	90360	E	DB	P	1/2" CTS	505	Less than or equal Code 1	B	3/29/2019	3/29/2019	1		19	
1905986	92253	E	DB	MB	P	3"	435	Less than or equal Code 1	B	3/29/2019	3/29/2019	1		106
1905987	92860-1712	E	DB	P	1/2" IPS	17	Less than or equal Code 1	B	3/29/2019	3/29/2019	1		8	
1905988	92860-1712	E	DB	P	1/2" IPS	17	Less than or equal Code 1	B	3/29/2019	3/29/2019	1		19	
1906005	91605	E	DB	UB	3/4"	837	Less than or equal Code 1	B	3/29/2019	3/29/2019	1		23	
1906014	91219	E	DB	MB	P	435	Less than or equal Code 1	B	3/30/2019	3/30/2019	1		19	
1906016	90041	E	DB	P	3/4"	680	Less than or equal Code 1	B	3/30/2019	3/30/2019	1		20	
1906038	93434	E	DB	P	1/2" CTS	353	Less than or equal Code 1	B	3/31/2019	3/31/2019	1		10	
1906039	92592	E	DB	P	1/2" CTS	225	Less than or equal Code 1	B	3/31/2019	3/31/2019	1		19	
1906047	92227	E	DB	P	1/2" CTS	440	Less than or equal Code 1	B	3/31/2019	3/31/2019	1		19	
1906048	93312	E	DB	P	1/2" CTS	481	Less than or equal Code 1	B	3/31/2019	3/31/2019	1		11	
1906106	92262	E	DB	P	1/2" IPS	65	Less than or equal Code 1	B	4/1/2019	4/1/2019	1		3	
1906112	91607	E	DB	P	1/2" CTS	383	Less than or equal Code 1	B	4/1/2019	4/1/2019	1		2	
1906114	92586	E	DB	MB	P	2"	183	Less than or equal Code 1	B	4/1/2019	4/1/2019	1		19
1906166	90046	E	DB	P	1/2" IPS	498	Less than or equal Code 1	B	4/1/2019	4/1/2019	1		23	
1906165	91063	E	DB	P	1/2" CTS	515	Less than or equal Code 1	B	4/1/2019	4/1/2019	1		19	
1906166	93230	E	DB	P	1/2" CTS	398	Less than or equal Code 1	B	4/1/2019	4/1/2019	1		19	
1906184	93434	E	DB	P	1/2" CTS	341	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		5	
1906191	90660-4800	E	DB	P	1/2" CTS	434	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		4	
1906192	91004	E	DB	MB	P	2"	707	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		71
1906207	91767-3826	E	DB	P	1/2" IPS	509	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		8	
1906210	91364	E	DB	P	1/2" CTS	714	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		5	
1906215	93230	E	DB	P	1/2" IPS	9	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		19	
1906221	90068	E	DB	P	1/2" CTS	212	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		7	
1906222	92392	E	DB	P	1/2" IPS	17	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		19	
1906223	93458	E	DB	P	1/2" IPS	515	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		4	
1906242	92618-3114	E	DB	P	2"	17	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		70	
1906272	90744	E	DB	P	1/2" CTS	433	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		19	
1906277	92672-2322	E	DB	P	1/2" IPS	537	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		19	
1906279	92407-1606	E	DB	UC	3/4"	631	Less than or equal Code 1	B	4/2/2019	4/2/2019	1		20	
1906299	92594	N	DB	P	1/2" CTS	461	Less than or equal Code 2	B	4/3/2019		273	0.0089	2	
1906315	92641-4225	E	DB	P	1"	629	Less than or equal Code 1	B	4/3/2019	4/3/2019	1		1	
1906317	91326	E	DB	P	1/2" IPS	16	Less than or equal Code 1	B						

1906575 92405-5106	E	DB	P	1"	467	Less than or equal Code 1	B	4/6/2019	4/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906581 93446	E	DB	P	1 1/2" CTS	486	Less than or equal Code 1	B	4/7/2019	4/7/2019	1	11	
1906583 90006	E	DB	P	4/29	429	Less than or equal Code 1	B	4/7/2019	4/7/2019	1	12	
1906593 90066	E	DB	P	2"	11	Less than or equal Code 1	B	4/4/2019	4/4/2019	1	147	
1906605 92677-4823	E	DB	P	1 1/2" IPS	424	Less than or equal Code 2	B	4/8/2019	4/8/2019	1	8	
1906606 91766	E	DB	P	3/4" CTS	347	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906608 92314	E	DB	P	1 1/2" CTS	339	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	4	
1906641 92675	E	DB	P	1 1/2" IPS	30	Less than or equal Code 2	B	4/8/2019	4/8/2019	1	1	
1906642 91361	E	DB	P	5 1/2" IPS	551	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906663 92636	E	DB	P	2"	467	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906664 92646	E	DB	P	1 1/2" IPS	611	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	4	
1906669 90033	E	DB	P	1"	406	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	61	
1906670 92284	E	DB	P	1 1/2" CTS	335	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906677 93005	E	DB	P	1 1/2" CTS	472	Less than or equal Code 1	B	4/9/2019	4/9/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906705 91706-5668	E	DB	P	7/2" IPS	792	Less than or equal Code 1	B	4/9/2019	4/9/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906706 92284	E	DB	P	1 1/2" CTS	490	Less than or equal Code 1	B	4/9/2019	4/9/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906711 92649-2909	E	DB	P	1 1/2" CTS	Less than or equal Code 1			4/9/2019	4/9/2019	1	5	
1906714 91791-1735	E	DB	P	1 1/2" CTS	Less than or equal Code 1			4/9/2019	4/9/2019	1	9	
1906746 93108	E	DB	P	1 1/2" CTS	246	Less than or equal Code 1	B	4/9/2019	4/9/2019	1	3	
1906755 90265	E	DB	P	1 1/2" IPS	Less than or equal Code 1			4/9/2019	4/9/2019	1	19	
1906759 92651	E	DB	P	1 1/2" IPS	383	Less than or equal Code 1	B	4/9/2019	4/9/2019	1	5	
1906760 91711-2789	E	DB	UC	3/4"	503	Less than or equal Code 1	B	4/9/2019	4/9/2019	1	37	
1906766 91356	E	DB	P	1 1/2" CTS	430	Less than or equal Code 1	B	4/9/2019	4/9/2019	1	7	
1906762 92680	E	DB	P	1 1/2" IPS	529	Less than or equal Code 2	B	4/10/2019	4/10/2019	1	2	
1906843 93445	E	DB	P	1 1/2" CTS	368	Less than or equal Code 1	B	4/10/2019	4/10/2019	1	4	
1906847 93446	E	DB	P	1"	54	Less than or equal Code 1	B	4/10/2019	4/10/2019	1	30	
1906849 93404	E	DB	IPS	1 1/2" CTS	188	Less than or equal Code 1	B	4/10/2019	4/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906853 90026	E	DB	P	1 1/2" IPS	509	Less than or equal Code 1	B	4/10/2019	4/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906857 90405	E	MB	P	2"	338	Less than or equal Code 1	B	4/10/2019	4/10/2019	1	7	
1906880 92881-5654	E	DB	P	1 1/2" CTS	395	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906881 90337	E	DB	P	3/4" CTS	324	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	2	
1906882 92805-1805	E	DB	P	1 1/2" CTS	469	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906886 92337-8200	E	DB	P	1"	183	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	54	
1906877 92236	E	DB	P	1"	411	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	6	
1906892 93023	E	DB	P	1 1/2" IPS	519	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1906921 92625-1844	E	DB	P	1"	623	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	3	
1906937 93533	E	DB	P	3/4" IPS	340	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	10	
1906937 91436	E	DB	P	1 1/2" CTS	419	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	5	
1906996 93309	E	DB	P	1"	489	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907009 92608-2301	E	DB	P	5/4" IPS	504	Less than or equal Code 1	B	4/12/2019	4/12/2019	1	10	
1907015 91011	N	DB	P	1 1/2" CTS	423	Less than or equal Code 2	B	4/12/2019	9/16/2019	158 0.0089	1	
1907016 90280	E	DB	P	1"	72	Less than or equal Code 1	B	4/12/2019	4/12/2019	1	30	
1907026 91214	E	DB	MB	4/4"	445	Less than or equal Code 2	B	4/12/2019	8/22/2019	133 0.2598	40	
1907047 93023	E	DB	P	1 1/2" IPS	532	Less than or equal Code 1	B	4/12/2019	4/12/2019	1	26	
1907051 91006	E	MB	P	2"	548	Less than or equal Code 1	B	4/12/2019	4/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907052 92625-2640	E	DB	P	1 1/2" IPS	416	Less than or equal Code 1	B	4/12/2019	4/12/2019	1	5	
1907058 91334	E	DB	P	1 1/2" CTS	478	Less than or equal Code 1	B	4/12/2019	4/12/2019	1	11	
1907060 93446	E	DB	P	1 1/2" IPS	512	Less than or equal Code 1	B	4/12/2019	4/12/2019	1	4	
1907068 93420	E	DB	P	1 1/2" IPS	Less than or equal Code 1			4/13/2019	4/13/2019	1	7	
1907070 91770-2656	E	DB	P	1 1/2" CTS	461	Less than or equal Code 1	B	4/13/2019	4/13/2019	1	9	
1907071 92627	E	DB	P	2"	487	Less than or equal Code 1	B	4/13/2019	4/13/2019	1	108	
1907072 92630-1777	E	DB	P	1 1/2" IPS	482	Less than or equal Code 1	B	4/13/2019	4/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907074 91500	E	DB	P	1 1/2" CTS	402	Less than or equal Code 1	B	4/13/2019	4/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907076 90278	E	DB	P	1 1/2" CTS	431	Less than or equal Code 1	B	4/13/2019	4/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907079 90027	E	DB	P	1 1/2" CTS	419	Less than or equal Code 1	B	4/13/2019	4/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907084 92234	E	DB	PC	3/4"	504	Less than or equal Code 1	B	4/14/2019	4/14/2019	1	9	
1907085 92509	E	DB	P	1 1/2" IPS	518	Less than or equal Code 1	B	4/14/2019	4/14/2019	1	19	
1907098 92646	E	DB	P	1 1/2" IPS	515	Less than or equal Code 3	B	4/15/2019	10/8/2019	177 0.0089	2	
1907111 90210	E	DB	P	1 1/2" CTS	514	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	145	
1907135 92807-1028	E	DB	P	1 1/2" IPS	547	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907138 90004	E	DB	P	1 1/2" CTS	528	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	8	
1907144 92602-1885	E	DB	P	2"	77	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907145 92805	E	DB	P	1 1/2" CTS	421	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907146 92241	E	DB	P	1 1/2" IPS	36	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	41	
1907151 92509-6022	E	DB	IPS	9/8"	98	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	3	
1907152 90043	E	DB	P	1"	Less than or equal Code 1			4/15/2019	4/15/2019	1	3	
1907158 92672	E	DB	P	1 1/2" IPS	51	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	20	
1907169 91792	E	DB	MB	4"	478	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907176 90046	E	DB	P	1 1/2" CTS	466	Less than or equal Code 1	B	4/12/2019	4/12/2019	1	3	
1907185 93012	E	DB	P	1 1/2" CTS	462	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907192 91411	E	DB	P	1 1/2" CTS	432	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907236 93006	E	DB	P	1 1/2" IPS	470	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907231 92262	E	DB	P	1 1/2" IPS	427	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	10	
1907251 91360	E	MB	P	2"	445	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907252 90831-5736	E	DB	PC	3/4"	725	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	41	
1907253 93277	E	DB	P	1 1/2" IPS	492	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907256 91206	E	DB	P	1 1/2" CTS	456	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	3	
1907257 90251	E	DB	P	1 1/2" CTS	238	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	17	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907260 92506-2526	E	MB	P	2"	120	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	103	
1907262 92325	E	DB	P	1 1/2" IPS	315	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	4	
1907279 92882-6351	E	DB	P	1"	290	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907281 92509	E	MB	P	2"	214	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	36	
1907283 93083	E	MB	P	2"	449	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	65	
1907300 91106-4358	DB	P	1 1/2" CTS	447	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1907305 91601	E	DB	P	1 1/2" CTS	280	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	6	
1907337 92284	E	MB	P	1"	579	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907338 93458	DB	P	1"	14	Less than or equal Code 1			4/17/2019	4/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1907341 92337	E	DB	P	1"	278	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	50	
1907389 91792	E	DB	P	1"	479	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	15	
1907395 93402	DB	P	1 1/2" CTS	249	Less than or equal Code 2	B	4/18/2019	10/7/2019	173 0.0089	2		
1907399 90065	E	DB	P	1"	23	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	10	
1907405 90027	E	DB	P	1 1/2" CTS	461	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	8	
1907423 90027	E	DB	P	3/70	370	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	7	
1907443 92617	E	MB	P	3"	199	Less than or equal Code 2	B	4/18/2019	4/18/2019	13 0.2988	4	
1907446 92625-1021	E	DB	P	1 1/2" IPS	527	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	13	
1907449 92509-5368	E	DB	P	1 1/2" IPS	58	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	19	Emission estimated from population of similar events.

190760	9170	E	DB	P	1"	51	Less than or equal Code 1	8	4/12/2019	4/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix A.
190763	92672	E	DB	P	1 1/2" IPS	51	Less than or equal Code 1	8	4/12/2019	4/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix A.
190765	90038	E	MB	P	2"	289	Less than or equal Code 1	8	4/12/2019	4/12/2019	1	25	
190771	93612-1602	E	DB	P	1"	475	Less than or equal Code 1	8	4/13/2019	4/13/2019	1	13	19
190784	93063	E	DB	P	2"	447	Less than or equal Code 1	8	4/13/2019	4/13/2019	1	25	19
190794	92583	E	DB	P	1 1/2" IPS	152	Less than or equal Code 1	8	4/13/2019	4/13/2019	1	19	19
190799	90868	E	DB	P	1 1/2" IPS	653	Less than or equal Code 1	8	4/13/2019	4/13/2019	1	6	19
190772	92270	E	DB	P	1 1/2" IPS	14	Less than or equal Code 1	8	4/13/2019	4/13/2019	1	4	19
190775	91111	N	DB	P	3/4"	469	Less than or equal Code 2	8	4/13/2019	5/1/2019	11	0.089	6
190777	92851-1111	E	DB	P	2"	407	Less than or equal Code 1	8	4/13/2019	4/13/2019	1	21	19
190778	92026	E	DB	PC	3/4"	562	Less than or equal Code 1	8	4/13/2019	4/13/2019	1	9	19
190781	91230	E	DB	P	1 1/2" CTS	128	Less than or equal Code 1	8	4/13/2019	4/13/2019	1	7	19
190787	92228	MB	DB	P	2"	136	Less than or equal Code 1	8	4/14/2019	4/14/2019	1	19	19
1907810	93449	E	DB	P	1 1/2" IPS	37	Less than or equal Code 1	8	4/14/2019	4/14/2019	1	3	19
1907847	93277	E	DB	P	1 1/2" IPS	189	Less than or equal Code 1	8	4/14/2019	4/14/2019	1	10	19
1907857	92262	E	DB	P	1"	25	Less than or equal Code 1	8	4/14/2019	4/14/2019	1	10	19
1907859	92865-2533	E	DB	P	1 1/2" IPS	538	Less than or equal Code 1	8	4/14/2019	4/14/2019	1	10	19
1907902	92805	E	DB	P	1"	11	Less than or equal Code 1	8	4/14/2019	4/14/2019	1	7	19
1907909	90044	E	DB	P	3/4"	155	Less than or equal Code 1	8	4/14/2019	4/14/2019	1	32	19
1907918	92585	E	MB	P	2"	343	Less than or equal Code 1	8	4/14/2019	4/14/2019	1	92	19
1907931	91106-4303	E	DB	P	1 1/2" CTS	450	Less than or equal Code 1	8	4/14/2019	4/14/2019	1	19	19
1907936	92010-1262	E	DB	P	2"	82	Less than or equal Code 1	8	4/15/2019	4/15/2019	1	9	19
1907947	91702-5223	E	DB	UC	3/4"	862	Less than or equal Code 1	8	4/15/2019	4/15/2019	1	13	19
1907979	92662	E	DB	P	1 1/2" CTS	143	Less than or equal Code 1	8	4/15/2019	4/15/2019	1	19	19
1908019	91242	E	DB	P	1"	15	Less than or equal Code 1	8	4/15/2019	4/15/2019	1	19	19
1908019	91724	E	DB	P	1 1/2" CTS	1	Less than or equal Code 1	8	4/15/2019	4/15/2019	1	4	19
1908027	91012-3226	E	DB	UC	3/4"	683	Less than or equal Code 1	8	4/15/2019	4/15/2019	1	20	19
1908030	93506	E	DB	P	1"	1	Less than or equal Code 1	8	4/15/2019	4/15/2019	1	9	19
1908080	93407-3231	E	DB	P	1 1/2" CTS	485	Less than or equal Code 1	8	4/16/2019	4/16/2019	1	19	19
1908092	93274	E	DB	P	1 1/2" CTS	397	Less than or equal Code 1	8	4/16/2019	4/16/2019	1	19	19
1908104	90047	E	DB	P	1 1/2" CTS	585	Less than or equal Code 1	8	4/16/2019	4/16/2019	1	9	19
1908118	90077	E	DB	P	3/4"	167	Less than or equal Code 1	8	4/16/2019	4/16/2019	1	19	19

1909180	92509-3761	E	DB	P	1/2" IPS	Less than or equal Code 1	B	5/11/2019	5/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909181	92523-1	E	DB	P	1/2" CTS	Less than or equal Code 1	B	5/11/2019	5/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909182	90274	E	DB	UB	3/4"	Less than or equal Code 1	B	5/11/2019	5/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909186	90083-4113	N	DB	Unknown	1"	Less than or equal Code 1	B	5/12/2019	5/12/2019	1	19	Emission estimated from population of similar events. Pipe Material of Unknown, will use worst case emission factor for respective Pipe Classification. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909200	92880	E	DB	UC	4"	Less than or equal Code 2	B	5/13/2019	12/3/2019	205	0.06	12
1909216	91318	E	DB	P	1"	Less than or equal Code 1	B	5/13/2019	5/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909240	91330	E	DB	P	1/2" IPS	20 Less than or equal Code 1	B	5/13/2019	5/13/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909256	91710-8802	E	DB	P	3"	Less than or equal Code 1	B	5/13/2019	5/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909264	91807	E	DB	P	1/2" IPS	Less than or equal Code 1	B	5/13/2019	5/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909279	91766-4763	E	DB	P	1/2" CTS	460 Less than or equal Code 1	B	5/13/2019	5/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909285	90345	E	DB	P	1/2" CTS	332 Less than or equal Code 1	B	5/13/2019	5/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909291	91802-2002	E	DB	P	1"	Less than or equal Code 1	B	5/13/2019	5/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909293	90062-1444	E	DB	P	1/2" CTS	418 Less than or equal Code 1	B	5/13/2019	5/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909296	92860-3812	E	DB	P	3"	238 Less than or equal Code 1	B	5/13/2019	5/13/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909296	91243	E	DB	P	1/2" CTS	131 Less than or equal Code 1	B	5/13/2019	5/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909297	90670-2422	E	DB	P	3/4"	178 Less than or equal Code 1	B	5/13/2019	5/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909361	90031-1624	E	DB	P	1/2" CTS	72 Less than or equal Code 1	B	5/14/2019	5/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909374	91035	E	DB	P	3/4"	593 Less than or equal Code 1	B	5/14/2019	5/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909385	91775-1247	E	DB	P	1/2" CTS	407 Less than or equal Code 1	B	5/14/2019	5/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909399	90018-4520	E	DB	UC	3/4"	775 Less than or equal Code 1	B	5/14/2019	5/14/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909400	91344-5613	E	DB	P	1/2" IPS	452 Less than or equal Code 1	B	5/14/2019	5/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909403	90401-3221	E	DB	P	1/2" CTS	479 Less than or equal Code 1	B	5/14/2019	5/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909405	91207-1208	E	DB	P	1"	117 Less than or equal Code 1	B	5/14/2019	5/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909409	90021-3603	E	DB	P	1/2" CTS	452 Less than or equal Code 1	B	5/14/2019	5/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909443	92253	E	DB	P	2"	41 Less than or equal Code 1	B	5/15/2019	5/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909474	91343-4020	E	DB	P	1/2" IPS	359 Less than or equal Code 1	B	5/15/2019	5/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909480	91905	E	DB	P	1"	356 Less than or equal Code 1	B	5/15/2019	5/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909486	91325-2340	E	DB	P	1/2" CTS	424 Less than or equal Code 1	B	5/15/2019	5/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909486	91374	E	DB	P	1/2" CTS	240 Less than or equal Code 1	B	5/15/2019	5/15/2019	1	5	
1909501	91900	E	DB	P	1/2" CTS	437 Less than or equal Code 1	B	5/15/2019	5/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909510	92507-3555	E	DB	P	1/2" CTS	445 Less than or equal Code 1	B	5/15/2019	5/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909512	92869-5318	E	DB	PC	3/4"	716 Less than or equal Code 1	B	5/15/2019	5/15/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909519	91377	E	DB	P	1"	29 Less than or equal Code 1	B	5/15/2019	5/15/2019	1	71	
1909581	91257	E	DB	P	1/2" CTS	465 Less than or equal Code 1	B	5/16/2019	5/16/2019	1	11	
1909598	91701-5940	E	DB	P	1/2" IPS	538 Less than or equal Code 1	B	5/17/2019	5/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909619	91236	E	DB	P	1/2" CTS	514 Less than or equal Code 1	B	5/17/2019	5/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909629	92203	E	DB	P	1/2" CTS	161 Less than or equal Code 1	B	5/17/2019	5/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909636	91761-7016	E	DB	P	1/2" CTS	481 Less than or equal Code 1	B	5/17/2019	5/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909640	91764-4654	E	DB	P	1"	420 Less than or equal Code 2	B	5/17/2019	11/24/2019	182	0.2988	14
1909670	90221	E	DB	P	1"	16 Less than or equal Code 1	B	5/18/2019	5/18/2019	1	3	
1909674	90041-2007	E	DB	UC	3/4"	Less than or equal Code 1	B	5/18/2019	5/18/2019	1	3	
1909674	91764-4654	E	DB	P	1"	420 Less than or equal Code 2	B	5/20/2019	5/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909676	90042-3220	E	DB	P	1/2" CTS	803 Less than or equal Code 1	B	5/20/2019	5/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909742	91343-5048	E	DB	P	1/2" IPS	Less than or equal Code 1	B	5/20/2019	5/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909757	91731-1707	E	DB	P	1"	459 Less than or equal Code 1	B	5/20/2019	5/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909761	91861	E	DB	PC	3/4"	857 Less than or equal Code 1	B	5/20/2019	5/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909764	92806	E	DB	P	1"	577 Less than or equal Code 1	B	5/20/2019	5/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909766	92346-5502	E	DB	UC	2"	440 Less than or equal Code 1	B	5/20/2019	5/20/2019	1	37	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909770	90305	E	DB	P	1"	518 Less than or equal Code 1	B	5/20/2019	5/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909774	92806-4350	E	DB	P	1"	515 Less than or equal Code 1	B	5/20/2019	5/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909778	90206-4102	E	DB	P	1/2" IPS	509 Less than or equal Code 1	B	5/20/2019	5/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909801	91930	E	DB	P	1/2" CTS	564 Less than or equal Code 1	B	5/21/2019	5/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909817	90291-3882	E	DB	P	1/2" CTS	Less than or equal Code 1	B	5/21/2019	5/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909819	91352	E	DB	P	1/2" CTS	808 Less than or equal Code 1	B	5/21/2019	5/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909847	92050-5338	E	DB	P	1"	521 Less than or equal Code 1	B	5/21/2019	5/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909851	91752	E	DB	P	1"	16 Less than or equal Code 1	B	5/21/2019	5/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909854	91403-3889	E	DB	P	1/2" IPS	358 Less than or equal Code 1	B	5/21/2019	5/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909860	91766-1334	E	DB	P	1"	361 Less than or equal Code 1	B	5/21/2019	5/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909876	90300	E	DB	PC	3/4"	Less than or equal Code 1	B	5/22/2019	5/22/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909884	92253	E	DB	P	2"	160 Less than or equal Code 1	B	5/22/2019	5/22/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909890	90991-6001	E	DB	P	1/2" IPS	508 Less than or equal Code 1	B	5/22/2019	5/22/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909894	92553	E	DB	UC	3/4"	429 Less than or equal Code 1	B	5/22/2019	5/22/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909909	95314	E	DB	P	1/2" CTS	201 Less than or equal Code 1	B	5/22/2019	5/22/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909917	91706-3423	E	DB	P	1"	688 Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909919	91103	E	DB	P	1/2" CTS	463 Less than or equal Code 1	B	5/22/2019	5/22/2019	1	6	
1909930	90723-3912	E	DB	P	1"	377 Less than or equal Code 1	B	5/22/2019	5/22/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909940	90023	E	DB	P	1/2" CTS	Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909949	90036-2513	E	DB	P	2"	471 Less than or equal Code 1	B	5/22/2019	5/22/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909951	91732-1509	E	DB	P	1/2" CTS	256 Less than or equal Code 1	B	5/22/2019	5/22/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909970	91761	E	DB	P	1/2" CTS	483 Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909993	91274	E	DB	P	1"	1427 Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909994	92231	E	DB	P	1/2" CTS	153 Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909995	90001-3001	E	DB	P	1/2" IPS	Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1909998	91001	E	DB	P	1/2" CTS	455 Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910004	91764-2169	E	DB	P	1/2" IPS	7 Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910005	91764-2169	E	DB	P	1/2" IPS	7 Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910005	92376-2426	E	DB	P	1"	25 Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910023	91402-1386	E	DB	P	1"	419 Less than or equal Code 1	B	5/23/2019	5/23/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910025	90710-2430	E	DB	P	1"	618 Less than or equal Code 1	B	5/24/2019	5/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910060	91762-3945	E	DB	P	2"	409 Less than or equal Code 1	B	5/24/2019	5/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910099	92377	E	DB	P	1"	387 Less than or equal Code 1	B	5/24/2019	5/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910100	91236	E	DB	P	1/2" CTS	Less than or equal Code 1	B	5/24/2019	5/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910129	90029-1706	E	DB	P	1/2" CTS	113 Less than or equal Code 1	B	5/24/2019	5/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910131	92236	E	DB	P	1/2" CTS	222 Less than or equal Code 1	B	5/24/2019	5/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910136	91760-3507	E	DB	P	1/2" CTS	Less than or equal Code 1	B	5/24/2019	5/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910179	91342	E	DB	P	3"	12 Less than or equal Code 1	B	5/27/2019	5/27/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910179	91784-8325	E	DB	P	1/2" IPS	175 Less than or equal Code 1	B	5/27/2019	5/27/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910182	91607-4013	E										

1910639	91042	E	DB	P	1/27 CTS	486	Less than or equal Code 1	B	6/1/2019	6/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910640	91446	E	DB	P	1/27 IPS	23	Less than or equal Code 1	B	6/2/2019	6/2/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910645	90405-1413	E	DB	P	1/27 IPS	550	Less than or equal Code 1	B	6/2/2019	6/2/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910655	91709-1930	E	DB	P	1/27 IPS	53	Less than or equal Code 1	B	6/3/2019	6/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910661	91338	E	DB	P	1/27 IPS	23	Less than or equal Code 1	B	6/3/2019	6/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910670	90044-2806	E	DB	P	1/27 IPS	548	Less than or equal Code 1	B	6/3/2019	6/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910690	90306-2515	E	DB	P	1/27 CTS	401	Less than or equal Code 1	B	6/3/2019	6/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910697	91284	E	DB	P	1/27 CTS	209	Less than or equal Code 1	B	6/3/2019	6/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910720	93023	E	DB	P	1/27 CTS	482	Less than or equal Code 1	B	6/3/2019	6/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910724	92557-4200	E	MB	P	2"	482	Less than or equal Code 1	B	6/3/2019	6/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910727	91675	E	DB	P	1"	30	Less than or equal Code 1	B	6/3/2019	6/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910729	92254	E	DB	P	1"	11	Less than or equal Code 1	B	6/4/2019	6/4/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910786	92602	E	DB	P	1"	28	Less than or equal Code 1	B	6/4/2019	6/4/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910815	91036	E	DB	P	1/27 IPS	101	Less than or equal Code 1	B	6/4/2019	6/4/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910875	92618-0891	E	DB	P	1/27 IPS	28	Less than or equal Code 1	B	6/5/2019	6/5/2019	1	18	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910890	90408-1541	E	DB	P	1/27 CTS	305	Less than or equal Code 1	B	6/5/2019	6/5/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910901	90480-1911	E	DB	P	479 CTS	479	Less than or equal Code 1	B	6/5/2019	6/5/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910911	90018-4517	E	DB	P	1/27 CTS	395	Less than or equal Code 1	B	6/5/2019	6/5/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910921	91104-5041	E	DB	P	1/27 CTS	395	Less than or equal Code 1	B	6/5/2019	6/5/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910928	90043	E	DB	P	479 CTS	479	Less than or equal Code 1	B	6/5/2019	6/5/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910937	91302	E	MB	P	2"	471	Less than or equal Code 3	B	6/6/2019	6/6/2019	1	0.2888	0
1910951	91701-7539	E	DB	P	2"	352	Less than or equal Code 1	B	6/6/2019	6/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910965	91709	E	DB	P	1/27 IPS	10	Less than or equal Code 1	B	6/6/2019	6/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910973	93065-6617	E	DB	P	1/27 CTS	410	Less than or equal Code 1	B	6/6/2019	6/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910976	90210-2405	E	DB	P	1/27 IPS	102	Less than or equal Code 1	B	6/6/2019	6/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910979	91422	E	DB	P	1/27 IPS	443	Less than or equal Code 1	B	6/6/2019	6/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1910999	90066-1303	E	DB	P	1/27 CTS	231	Less than or equal Code 1	B	6/6/2019	6/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911007	91425	E	DB	P	1"	349	Less than or equal Code 1	B	6/6/2019	6/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911010	91048	E	DB	P	1"	1	Less than or equal Code 1	B	6/7/2019	6/7/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911042	90230	E	DB	P	1"	58	Less than or equal Code 1	B	6/7/2019	6/7/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911059	91314	E	DB	P	1"	39	Less than or equal Code 1	B	6/7/2019	6/7/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911068	91018-1327	E	DB	P	1"	400	Less than or equal Code 1	B	6/7/2019	6/7/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911098	90212	E	DB	P	1/27 CTS	450	Less than or equal Code 1	B	6/7/2019	6/7/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911119	91274	E	DB	P	1/27 CTS	404	Less than or equal Code 1	B	6/8/2019	6/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911120	91296-1902	E	DB	P	1/27 CTS	191	Less than or equal Code 1	B	6/8/2019	6/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911122	91748-4010	E	DB	P	1/27 IPS	505	Less than or equal Code 1	B	6/8/2019	6/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911125	92509-2622	E	DB	P	1/27 CTS	1	Less than or equal Code 1	B	6/8/2019	6/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911127	91046-1463	E	DB	P	1/27 IPS	88	Less than or equal Code 1	B	6/8/2019	6/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911128	91411	E	DB	P	1/27 CTS	436	Less than or equal Code 1	B	6/8/2019	6/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911133	90034-2421	E	DB	P	1/27 CTS	374	Less than or equal Code 1	B	6/8/2019	6/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911134	91208-1320	E	DB	P	1/27 CTS	393	Less than or equal Code 1	B	6/8/2019	6/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911139	91331-3709	E	DB	P	1/27 CTS	398	Less than or equal Code 1	B	6/9/2019	6/9/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911140	90077-2022	N	DB	P	1/27 IPS	1	Less than or equal Code 1	B	6/10/2019	6/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911180	91222	E	DB	P	1/27 CTS	532	Less than or equal Code 1	B	6/10/2019	6/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911198	91808	E	DB	P	1/27 IPS	302	Less than or equal Code 1	B	6/10/2019	6/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911216	91426	E	DB	P	2"	539	Less than or equal Code 1	B	6/10/2019	6/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911232	91225	E	DB	P	1/27 CTS	180	Less than or equal Code 1	B	6/10/2019	6/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911234	91829	E	DB	P	1/27 IPS	582	Less than or equal Code 1	B	6/10/2019	6/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911235	91106-1949	E	DB	P	1/27 IPS	424	Less than or equal Code 1	B	6/10/2019	6/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911261	91786-3546	E	DB	P	1/27 IPS	35	Less than or equal Code 1	B	6/11/2019	6/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911301	91108-1380	E	DB	P	1/27 IPS	527	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911317	92881	E	MB	P	2"	16	Less than or equal Code 1	B	6/10/2019	6/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911330	90064	E	DB	UC	1 1/4"	1	Less than or equal Code 1	B	6/11/2019	6/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911335	90304-1013	E	DB	P	1"	10	Less than or equal Code 1	B	6/11/2019	6/11/2019	1	24	19
1911340	91324	E	DB	P	1/27 CTS	103	Less than or equal Code 1	B	6/11/2019	6/11/2019	1	0.2888	0
1911351	91202-2296	N	MB	P	2"	450	Less than or equal Code 2	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911361	91210-6075	E	DB	P	1"	471	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911363	91063	N	DB	P	1/27 CTS	586	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	40.2888	12
1911376	92806	N	MB	P	2"	557	Less than or equal Code 2	B	6/12/2019	7/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911381	91732	E	DB	P	1/27 CTS	432	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911390	91786	E	DB	P	1/27 CTS	752	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911409	91463	E	DB	P	1/27 CTS	427	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911413	91108-1225	E	DB	P	1/27 CTS	137	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911427	92223	E	DB	P	1/27 IPS	69	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911433	91277	E	MB	P	2"	1	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911434	91063-2259	E	DB	P	1/27 CTS	710	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911439	90037-3336	E	DB	P	1/27 CTS	196	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911451	90206-1002	E	DB	P	1/27 CTS	65	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911454	91364-5609	E	DB	P	1/27 CTS	467	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911459	91842	E	DB	P	1/27 CTS	364	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911466	90233-3305	E	DB	P	1/27 CTS	515	Less than or equal Code 1	B	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911469	91377-5930	E	DB	P	1/27 IPS	557	Less than or equal Code 2	B	6/13/2019	6/13/2019	1	0.2888	0
1911507	91311-8702	E	DB	P	1"	1	Less than or equal Code 1	B	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911508	91444	E	DB	P	1/27 CTS	418	Less than or equal Code 1	B	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911510	91003-7736	E	DB	P	1/27 CTS	425	Less than or equal Code 1	B	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911513	92234-8615	E	DB	P	1/27 CTS	215	Less than or equal Code 1	B	6/13/2019	6/13/2019	1	17	19
1911514	91321	E	DB	P	1/27 CTS	416	Less than or equal Code 1	B	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911516	91331-2489	E	DB	P	1"	35	Less than or equal Code 1	B	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911558	92376-4405	E	DB	P	1/27 CTS	437	Less than or equal Code 1	B	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911566	93401	E	DB	P	1/27 IPS	20	Less than or equal Code 1	B	6/14/2019	6/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911569	91603-6684	E	DB	CTS	380	1/27 CTS	6/14/2019	6/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.		
1911633	92233-3644	E	DB	P	1/27 IPS	226	Less than or equal Code 1	B	6/14/2019	6/14/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911641	90065-2646	E	DB	P	1/27 CTS	419	Less than or equal Code 1	B	6/14/2019	6/14/2019	1	3	19
1911659	91354-2235	E	DB	P	1/27 CTS	229	Less than or equal Code 1	B	6/15/2019	6/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1911671	91786	E	DB	P	1								

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1913330	90048-4314	E	DB	P	1/2" IPS	504	Less than or equal Code 1	8	7/9/2019	7/9/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913334	92410-3830	E	DB	P	1/2" IPS	409	Less than or equal Code 1	8	7/9/2019	7/9/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913337	90200-1366	E	DB	P	1/2" IPS	577	Less than or equal Code 1	8	7/9/2019	7/9/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913339	92352	E	DB	P	1/2" CTS	7	Less than or equal Code 1	8	7/9/2019	7/9/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913367	92008-3862	E	DB	P	1/2" IPS	536	Less than or equal Code 1	8	7/9/2019	7/9/2019	1	0.0089	0	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1913373	91390	E	DB	P	1/2" IPS	385	Less than or equal Code 1	8	7/9/2019	7/9/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913374	91442-204	E	DB	P	1/2" CTS	203	Less than or equal Code 1	8	7/9/2019	7/9/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913380	90401-1307	E	DB	P	1/2" IPS	689	Less than or equal Code 1	8	7/9/2019	7/9/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913427	93444	N	DB	P	1/2" CTS	437	Less than or equal Code 3	8	7/10/2019	12/17/2019	171	0.0089	1	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1913445	93066-9747	DB	DB	P	1/2" IPS	369	Less than or equal Code 1	8	7/10/2019	7/10/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913464	93015-9717	E	DB	P	1"	407	Less than or equal Code 1	8	7/10/2019	7/10/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913474	90400-4302	E	DB	P	1/2" IPS	7	Less than or equal Code 1	8	7/10/2019	7/10/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913480	90216-8843	E	MB	P	1/2" IPS	29	Less than or equal Code 1	8	7/10/2019	7/10/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913487	91206-4234	E	MB	P	2"	440	Less than or equal Code 1	8	7/10/2019	7/10/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913510	91815	E	DB	P	1/2" IPS	513	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913521	91317-5027	E	DB	P	1/2" CTS	424	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913524	92353-5557	E	DB	P	1"	7	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913539	92336	E	MB	P	2"	17	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913541	93036-9236	E	DB	P	1/2" IPS	471	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913575	93420-3343	E	DB	P	1/2" IPS	409	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913578	93314-9880	E	DB	P	1/2" CTS	421	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913580	90400-4302	E	DB	P	1/2" IPS	371	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913581	90068	E	DB	P	1/2" CTS	443	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913584	90044-1488	E	DB	P	1/2" IPS	389	Less than or equal Code 1	8	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913590	90400-4302	E	DB	P	1/2" CTS	443	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913608	927474-6122	E	DB	P	1"	7	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913620	90050	E	DB	P	1/2" IPS	476	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913626	92063	E	DB	P	1/2" IPS	345	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913644	90301-1619	E	DB	P	1/2" IPS	141	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913650	91305-1158	E	DB	P	1"	367	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913663	90248-4232	E	DB	P	1"	487	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913664	92008	E	DB	P	1/2" CTS	475	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913665	90291	E	DB	P	1"	141	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913669	90202-3705	E	DB	P	1/2" IPS	420	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913670	92012-1512	E	DB	P	3/4"	12	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913672	92408-2837	E	DB	P	1/2" IPS	415	Less than or equal Code 1	8	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913679	92264-8461	E	DB	P	1/2" CTS	210	Less than or equal Code 1	8	7/13/2019	7/13/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913681	90050-9708	E	DB	P	1/2" IPS	430	Less than or equal Code 1	8	7/13/2019	7/13/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913709	92353-2528	E	DB	P	1/2" CTS	430	Less than or equal Code 1	8	7/15/2019	7/15/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913756	92406-4005	E	DB	P	1/2" IPS	430	Less than or equal Code 1	8	7/15/2019	7/15/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913775	91202-6123	E	DB	P	1/2" CTS	229	Less than or equal Code 1	8	7/15/2019	7/15/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913780	92061-5303	E	DB	P	1/2" IPS	568	Less than or equal Code 1	8	7/15/2019	7/15/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913783	92618	E	DB	P	1"	19	Less than or equal Code 1	8	7/15/2019	7/15/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913785	92308-3670	MB	DB	P	1"	475	Less than or equal Code 1	8	7/15/2019	7/15/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913797	92329-9245	E	MB	P	2"	479	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913803	93309-7126	E	DB	P	1/2" CTS	463	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913821	91217	DB	DB	P	1/2" IPS	12	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913842	92262-7013	E	MB	P	2"	408	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913858	90038-1410	E	DB	P	1/2" CTS	7	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913860	90400-4302	E	DB	P	8" CTS	80	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913875	90278-9338	E	DB	P	1/2" CTS	450	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913877	91710	E	MB	P	3"	541	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913882	93433-1206	E	DB	UC	3/4"	809	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	20	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913889	91222	E	DB	P	1/2" CTS	324	Less than or equal Code 1	8	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913914	92860	E	DB	UC	3/4"	887	Less than or equal Code 1	8	7/17/2019	7/17/2019	1	20	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913930	92359-3318	E	DB	P	1/2" CTS	499	Less than or equal Code 1	8	7/17/2019	7/17/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913967	91327-1218	E	DB	P	1/2" CTS	414	Less than or equal Code 1	8	7/17/2019	7/17/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913977	91364-1334	E	DB	UB	3/4"	769	Less than or equal Code 1	8	7/17/2019	7/17/2019	1	20	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913980	92264-9129	N	DB	P	1/2" CTS	337	Less than or equal Code 1	8	7/17/2019	7/17/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913983	92008-1206	E	DB	P	1/2" CTS	81	Less than or equal Code 1	8	7/17/2019	7/17/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1913984	92869	N	MB	P	2"	484	Less than or equal Code 2	8	7/17/2019	11/21/2019	128	2.988	38	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1913994	90744-3638	E	DB	P	1/2" CTS	442	Less than or equal Code 1	8	7/17/2019	7/17/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914003	92262-9121	E	DB	P	1/2" CTS	39	Less than or equal Code 1	8	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914035	90245-4017	E	DB	P	1/2" CTS	315	Less than or equal Code 1	8	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914054	91709-2892	E	DB	P	1/2" IPS	466	Less than or equal Code 1	8	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914055	91213	E	DB	P	1/2" CTS	26	Less than or equal Code 2	8	7/18/2019	7/18/2019	1	0.0089	1	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1914071	90064	E	DB	P	1"	173	Less than or equal Code 1	8	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914084	91761-7969	E	DB	P	1/2" IPS	11	Less than or equal Code 1	8	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914101	91213-1221	E	DB	P	1/2" CTS	39	Less than or equal Code 1	8	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914114	91730	E	DB	P	1/2" IPS	502	Less than or equal Code 1	8	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914152	92260	E	DB	P	1/2" CTS	480	Less than or equal Code 1	8	7/19/2019	7/19/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914165	90744-3644	MB	DB	P	1/2" CTS	563	Less than or equal Code 1	8	7/19/2019	7/19/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914172	90042-2348	E	DB	P	1/2" CTS	563	Less than or equal Code 1	8	7/19/2019	7/19/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914174	92260-5092	E	DB	P	1/2" IPS	7	Less than or equal Code 1	8	7/19/2019	7/19/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914182	90027	N	MB	P	2"	549	Less than or equal Code 3	8	7/19/2019	7/19/2019	166	0.298	50	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1914183	91741	E	DB	UB	3/4"	7	Less than or equal Code 1	8	7/19/2019	7/19/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914188	90744-2456	E	MB	P	2"	454	Less than or equal Code 1	8	7/19/2019	7/19/2019	1	143	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914190	91706	DB	DB	P	2"	33	Less than or equal Code 1	8	7/19/2019	7/19/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914222	91401-3336	E	DB	P	1/2" CTS	344	Less than or equal Code 1	8	7/19/2019	7/19/2019	1	19	Emission estimated from population of similar events.	See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1914224	93015	E	MB	P	2"</										

1914720	91304-5313	N	DB	P	1/2"/IPS	552	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	24	
1914731	92095-9015	E	DB	P	1/2"/CTS	355	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	1	19
1914748	90066-1419	E	DB	P	1/2"/CTS	287	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	6	19
1914769	91741	E	DB	P	1/2"/CTS	62	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	6	19
1914785	93101-4957	E	DB	P	1/2"/CTS	419	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	1	19
1914791	92211	E	DB	P	1/2"/IPS	15	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	1	19
1914798	90047-1801	E	DB	P	1/2"/CTS	1	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	1	19
1914800	91342	E	DB	P	1/2"/IPS	1	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	12	19
1914802	90230-5107	E	DB	P	1/2"/CTS	472	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	1	19
1914805	90015-4823	E	DB	P	1/2"/IPS	460	Less than or equal Code 1	B	7/26/2019	7/26/2019	1	1	19
1914817	90019-5811	E	DB	P	1/2"/CTS	411	Less than or equal Code 1	B	7/27/2019	7/27/2019	1	1	19
1914818	91406-5086	E	DB	P	1"	513	Less than or equal Code 1	B	7/27/2019	7/27/2019	1	1	19
1914822	91755	E	DB	P	1"	428	Less than or equal Code 1	B	7/27/2019	7/27/2019	1	1	19
1914823	92879-1873	E	DB	P	1/2"/CTS	293	Less than or equal Code 1	B	7/27/2019	7/27/2019	1	1	19
1914826	90291-3012	E	DB	P	1/2"/CTS	319	Less than or equal Code 1	B	7/27/2019	7/27/2019	1	1	19
1914827	92612	E	DB	P	1/2"/IPS	576	Less than or equal Code 1	B	7/27/2019	7/27/2019	1	1	19
1914888	91354-2426	E	DB	P	1/2"/IPS	354	Less than or equal Code 1	B	7/28/2019	7/28/2019	1	1	19
1914873	92552	E	DB	P	1/2"/CTS	7/26/2019	7/28/2019	1	7/28/2019	7/28/2019	1	1	19
1914879	90005-3868	E	DB	P	1/2"/IPS	335	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914906	92021-6209	E	MB	PC	3"	697	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	71	19
1914918	90043-1943	E	DB	P	1/2"/CTS	468	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914919	90004-1705	E	DB	P	1/2"/CTS	442	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914925	91737	E	DB	P	1/2"/IPS	1	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914926	91724-3923	E	DB	P	1/2"/CTS	485	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914926	91723-1116	E	DB	P	1/2"/CTS	827	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914946	91350	E	MB	P	2"	149	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914947	92021	E	MB	P	2"	34	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914951	91458	E	DB	P	1/2"/IPS	515	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914955	91406-1109	E	DB	P	1/2"/CTS	419	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914960	92023-2120	E	DB	P	1/2"/CTS	419	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914961	91405-1244	E	DB	P	1/2"/CTS	419	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914969	92067-1926	E	DB	P	1/2"/IPS	577	Less than or equal Code 1	B	7/29/2019	7/29/2019	1	1	19
1914986	92592-7031	E	DB	P	1/2"/CTS	494	Less than or equal Code 1	B	7/30/2019	7/30/2019	1	1	19
1915013	91761-8005	E	DB	P	1"	263	Less than or equal Code 1	B	7/30/2019	7/30/2019	1	1	19
1915024	92021-0350	E	DB	P	1/2"/IPS	23	Less than or equal Code 1	B	7/30/2019	7/30/2019	1	1	19
1915030	92883-3141	E	DB	P	1/2"/IPS	1	Less than or equal Code 1	B	7/30/2019	7/30/2019	1	17	19
1915045	91710	E	DB	P	1/2"/IPS	645	Less than or equal Code 1	B	7/30/2019	7/30/2019	1	1	19
1915100	91710	E	MB	P	2"	12	Less than or equal Code 1	B	7/30/2019	7/30/2019	1	109	19
1915103	91010	E	DB	P	1"	371	Less than or equal Code 1	B	7/30/2019	7/30/2019	1	1	19
1915109	92592	E	DB	P	1/2"/IPS	11	Less than or equal Code 1	B	7/30/2019	7/30/2019	1	1	19
1915126	93001	E	DB	P	1"	487	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915136	90706	E	DB	P	1"	186	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915138	92083	E	DB	P	1/2"/IPS	7	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	21	19
1915144	90249	E	DB	P	1/2"/IPS	1	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915146	93314	E	DB	P	1"	11	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915147	92492	N	DB	P	1/2"/CTS	483	Less than or equal Code 3	B	7/31/2019	8/5/2019	1	6	0.0089
1915156	92490	MB	P	2"	327	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	0	1	
1915159	91605	E	DB	P	1/2"/CTS	482	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915167	90026	E	DB	P	1/2"/CTS	483	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915181	90019	E	DB	P	1/2"/CTS	575	Less than or equal Code 2	B	7/31/2019	10/1/2019	1	63	0.0089
1915183	91306	E	DB	P	1/2"/CTS	468	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915189	91458	E	MB	P	1"	513	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915192	92050	E	DB	P	1/2"/IPS	102	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915195	92315	E	DB	P	1"	509	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915200	91403-3819	E	DB	P	1/2"/CTS	358	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	1	19
1915201	90205-5313	E	DB	P	1/2"/CTS	1	Less than or equal Code 1	B	7/31/2019	7/31/2019	1	431	19
1915243	92883-3073	E	DB	P	1/2"/IPS	1	Less than or equal Code 1	B	8/1/2019	8/1/2019	1	7	19
1915253	90007	E	DB	P	1/2"/IPS	1	Less than or equal Code 1	B	8/1/2019	8/1/2019	1	1	19
1915267	91326-2461	E	DB	P	1/2"/IPS	419	Less than or equal Code 1	B	8/1/2019	8/1/2019	1	1	19
1915271	92521	E	DB	P	2"	1	Less than or equal Code 1	B	8/1/2019	8/1/2019	1	1	19
1915273	93402-4208	E	DB	P	1/2"/IPS	554	Less than or equal Code 1	B	8/1/2019	8/1/2019	1	1	19
1915274	92620-7317	E	DB	P	1/2"/IPS	42	Less than or equal Code 1	B	8/1/2019	8/1/2019	1	1	19
1915275	91361-3432	E	DB	P	1/2"/IPS	539	Less than or equal Code 1	B	8/1/2019	8/1/2019	1	1	19
1915289	93165	N	MB	P	2"	408	Less than or equal Code 3	B	8/2/2019	8/2/2019	1	152	0.2988
1915314	90022-1537	E	DB	P	1/2"/IPS	359	Less than or equal Code 1	B	8/2/2019	8/2/2019	1	1	19
1915319	90004-2102	E	DB	P	2"	56	Less than or equal Code 1	B	8/2/2019	8/2/2019	1	1	19
1915325	90009	E	DB	P	1"	392	Less than or equal Code 1	B	8/2/2019	8/2/2019	1	1	19
1915340	91504	E	DB	P	1/2"/CTS	240	Less than or equal Code 1	B	8/2/2019	8/2/2019	1	1	19
1915351	92270-4503	E	DB	P	1/2"/CTS	154	Less than or equal Code 1	B	8/3/2019	8/3/2019	1	1	19
1915354	90003-2003	E	DB	P	1/2"/CTS	478	Less than or equal Code 1	B	8/3/2019	8/3/2019	1	5	19
1915362	90046-2044	E	DB	P	1/2"/IPS	516	Less than or equal Code 1	B	8/3/2019	8/3/2019	1	1	19
1915363	91411-1566	E	DB	PC	3/4"	9	Less than or equal Code 1	B	8/3/2019	8/3/2019	1	21	19
1915365	91789-2618	E	DB	P	1/2"/CTS	413	Less than or equal Code 1	B	8/4/2019	8/4/2019	1	1	19
1915370	90009-2515	E	DB	P	1/2"/CTS	511	Less than or equal Code 1	B	8/4/2019	8/4/2019	1	1	19
1915380	91709-3344	E	DB	P	1/2"/IPS	547	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915404	92503-9725	E	DB	P	1"	16	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915416	91504-3180	E	DB	P	1/2"/CTS	452	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915422	92261	E	DB	P	1/2"/IPS	469	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915423	92679	E	DB	P	1"	16	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915429	92883	E	DB	P	1"	553	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915451	92521	E	DB	P	1/2"/CTS	428	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915448	92595	E	DB	P	1/2"/CTS	300	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915454	92592-5810	E	DB	P	1"	1	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915455	91105	E	DB	P	1/2"/CTS	100	Less than or equal Code 1	B	8/5/2019	8/5/2019	1	1	19
1915483	91352-1147	E	DB	P	1/2"/CTS	58	Less than or equal Code 1	B	8/6/2019	8/6/2019	1	1	19
1915491	91364-3455	E	DB	P	1/2"/IPS	447	Less than or equal Code 1	B	8/6/2019	8/6/2019	1	1	19
1915509	91734-3825	E	DB	P	1/2"/IPS	355	Less than or equal Code 1	B	8/6/2019	8/6/2019	1	1	19
1915528	91108-2567	E	DB	P	1/2"/CTS	534	Less than or equal Code 1	B	8/6/2019	8/6/2019	1	1	19
1915529	91921	E	MB	P	2"	148	Less than or equal Code 1	B	8/6/2019	8/6/2019	1	1	19
1915531	91354-3044	E	DB	P	1/2"/IPS	125	Less than or equal Code 1	B	8/6/2019	8/6/2019	1	1	19
1915533	91349	E	MB	P	2"	24	Less than or equal Code 1	B	8/6/2019	8/6/2019	1	1	19
1915539	91331-3313	E	DB	P	1/2"/CTS	198	Less than or equal Code 1	B	8/6/2019	8/6/2019	1	1	19
1915545	92507-0953	E	DB	P	1"	189	Less than or equal Code 1	B	8/6/2019	8/6/2019	1	1	19
1915601	91764	E	DB	P	1/2"/CTS	528	Less than or equal Code 2	B	8/7/2019	8/7/2019	1	147	0.0089
1915607	92808-1703	E	DB	P	1/2"/IPS	431	Less than or equal Code 1	B	8/7/2019	8/7/2019	1	1	19
1915610	93004	N	DB	P	2"	575	Less than or equal Code 3	B	8/7/2019	8/7/2019	1	147	0.0089
1915618	90008	E	DB	P	1/2"/IPS	439	Less than or equal Code 1	B	8/7/2019	8/7/2019	1	10	19
1915620	93013-1105	E	DB	P	1/2"/IPS	310	Less than or equal Code 1	B	8/7/2019	8/7/2019	1	1	19
1915624	92376												

191068	9386-2704	E	DB	P	1/12/ CTS	514 Less than or equal Code 1	B		8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191070	9162-2713	E	MB	P	2"	315 Less than or equal Code 1	B		8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191074	9386-2848	E	DB	P	1/12/ IPS	496 Less than or equal Code 1	B		8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191079	9386	E	DB	P	1/12/ CTS	168 Less than or equal Code 1	B		8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191080	9342	E	DB	P	1/12/ CTS	472 Less than or equal Code 1	B		8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191092	9006B-3649	E	DB	P	1/12/ CTS	285 Less than or equal Code 1	B		8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191096	9344B-3513	E	DB	P	1/12/ IPS	528 Less than or equal Code 1	B		8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191097	9002S-6313	E	DB	UC	3/4"	6 Less than or equal Code 1	B		8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191098	92562	E	MB	P	2"	418 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191100	9171-3815	E	DB	P	1/12/ CTS	334 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191034	9272D-2545	E	DB	P	1/12/ CTS	445 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191047	9281A-3640	E	DB	P	1"	331 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191049	9180I-2170	E	DB	P	1/12/ CTS	513 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191053	9211-3234	E	DB	P	1/12/ CTS	393 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191054	9162L-1703	E	DB	P	1/12/ CTS	479 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191054	9166J-1363	E	DB	P	1/12/ CTS	343 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191070	9278Z-9181	E	DB	P	1/12/ CTS	373 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191072	9280T-4628	E	DB	P	1/12/ IPS	544 Less than or equal Code 1	B		8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191046	9002H-4830	E	DB	P	1/12/ CTS	646 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191619	92346-3537	E	DB	P	1"	167 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191030	9288B-5220	E	DB	P	1/12/ IPS	546 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191045	9237T	E	MB	P	1"	507 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191619	9237A-8046	E	DB	P	1/12/ CTS	379 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191614	9292A-5037	E	DB	P	1/12/ CTS	325 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191615	9250G-5837	E	DB	P	1/12/ CTS	527 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191617	91040	E	DB	P	2"	503 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191618	91103-2618	E	DB	P	1"	340 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191619	9282	E	MB	P	2"	475 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191620	9002S-1603	E	DB	P	1/12/ CTS	367 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191618	9008B-2525	E	DB	P	1/12/ CTS	477 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916203	18449-2047	E	MB	P	1"	407 Less than or equal Code 1	B		8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191620	9002S-1603	E	DB	P	1/12/ CTS	485 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191629	90077	E	DB	P	1/12/ IPS	244 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191629	9029D-5870	E	DB	P	1"	1 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
191629	9008B-214	E	DB	P	1/12/ CTS	514 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916280	91105-2005	E	DB	P	1/12/ CTS	161 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916284	91351	E	DB	P	1"	11 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916289	9174	E	DB	P	1/12/ CTS	375 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916291	9040S-5937	E	DB	P	1/12/ IPS	411 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916292	91746	E	DB	P	1"	482 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916294	92523-1957	E	DB	P	1/12/ CTS	515 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916302	90262-5404	E	DB	P	1/12/ CTS	3 Less than or equal Code 1	B		8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916321	92260-4211	E	DB	P	1"	478 Less than or equal Code 1	B		8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916320	9280S-2800	E	DB	P	1/12/ CTS	7 Less than or equal Code 1	B		8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916327	92407	E	DB	P	1/12/ CTS	644 Less than or equal Code 1	B		8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916381	9133S-2334	E	DB	P	1/12/ CTS	435 Less than or equal Code 1	B		8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916381	9002S-2800	E	DB	P	1/12/ CTS	646 Less than or equal Code 1	B		8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916386	92843	E	DB	P	2"	203 Less than or equal Code 1	B		8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916394	90077-2522	E	DB	P	1/12/ IPS	506 Less than or equal Code 1	B		8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916394	9002S-2800	E	DB	P	1/12/ CTS	424 Less than or equal Code 1	B		8/17/2019	8/17/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916406	9258A-1100	E	MB	P	2"	14 Less than or equal Code 1	B		8/17/2019	8/17/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916421	92410	E	DB	P	1"	455 Less than or equal Code 1	B		8/18/2019	8/18/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916422	9393S-3141	E	DB	P	1/12/ IPS	338 Less than or equal Code 1	B		8/18/2019	8/18/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916424	9002S-1100	E	DB	UC	3/4"	775 Less than or equal Code 1	B		8/18/2019	8/18/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916460	92503	N	MB	P	4"	410 Less than or equal Code 2	B		8/19/2019	8/19/2019	135	0.2888	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916480	90291	E	DB	P	1"	687 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916481	92407	E	MB	P	1/12/ CTS	413 Less than or equal Code 1	B		8/19/2019	8/19/2019	135	0.2888	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916493	9364B-2554	E	DB	P	1/12/ IPS	435 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916494	9003S-2126	E	DB	P	1/12/ CTS	479 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916495	9137T-4757	E	DB	P	1/12/ CTS	407 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916513	9074A-3638	E	DB	P	1/12/ CTS	423 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916524	92625	E	DB	P	1"	349 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916525	9002S-1100	E	DB	P	1/12/ CTS	517 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916530	9321S-1717	E	DB	P	1/12/ IPS	251 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916533	9301S-2543	E	DB	P	1/12/ CTS	175 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916538	9071S-1717	E	DB	P	1/12/ IPS	65 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916544	9331A-7237	E	DB	P	1/12/ CTS	8 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916545	92584	E	DB	P	1/12/ IPS	8 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916547	93063	E	DB	P	1/12/ IPS	647 Less than or equal Code 1	B		8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916599	9250S-7327	E	Unknown	1"	5 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
1916603	91746	E	DB	P	1/12/ CTS	488 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916610	9002S-3138	E	DB	P	1/12/ CTS	8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.			
1916610	92618	E	DB	P	1/12/ IPS	251 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916613	91436	E	DB	UC	3/4"	677 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916620	92346	E	DB	P	2"	388 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916626	91761	E	DB	P	1/12/ IPS	369 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916628	92284	E	DB	P	1/12/ CTS	514 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916633	9004A-2028	E	DB	P	1/12/ CTS	384 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916639	9262-5641	E	DB	P	1/12/ CTS	482 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916649	90004-3020	E	DB	P	1/12/ CTS	482 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916655	93003-4201	E	DB	P	1/12/ IPS	546 Less than or equal Code 1	B		8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916658	9027A-1251	E	DB	P	1/12/ CTS	112 Less than or equal Code 1	B		8/21/2019	8/21/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1916707	92618	E</											

1917079	91501-1709	E	DB	P	1/2"/IPS	116	Less than or equal Code 1	B	8/26/2019	8/26/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1917083	93402	N	DB	P	1/2"/IPS	511	Less than or equal Code 3	B	8/26/2019		128	0.0089	1
1917086	93407	E	DB	P	1/2"/CTS	611	Less than or equal Code 1	B	8/26/2019	8/26/2019	1		19
1917088	90020	E	DB	P	1/2"/CTS	494	Less than or equal Code 1	B	8/26/2019	8/26/2019	1		19
1917094	92692	E	DB	P	1/2"/IPS	516	Less than or equal Code 2	B	8/26/2019	8/26/2019	1		19
1917095	93446	E	DB	P	1/2"/CTS	265	Less than or equal Code 1	B	8/26/2019	8/26/2019	1		19
1917101	90631-8112	E	DB	P	1/2"/CTS	455	Less than or equal Code 1	B	8/26/2019	8/26/2019	1		19
1917114	92593-3006	E	DB	P	1"	570	Less than or equal Code 2	B	8/27/2019	8/27/2019	1		19
1917141	91074	E	DB	P	1/2"/CTS	474	Less than or equal Code 1	B	8/27/2019	8/27/2019	1		19
1917158	91710-2027	E	MB	P	2"	526	Less than or equal Code 1	B	8/27/2019	8/27/2019	1		19
1917159	90744	E	DB	P	1/2"/CTS	443	Less than or equal Code 1	B	8/27/2019	8/27/2019	1		2
1917187	91001-3701	E	DB	P	1/2"/CTS	313	Less than or equal Code 1	B	8/27/2019	8/27/2019	1		19
1917192	91348	E	DB	P	1/2"/CTS	308	Less than or equal Code 1	B	8/27/2019	8/27/2019	1		19
1917194	90291-4920	E	DB	P	1/2"/CTS		Less than or equal Code 1	B	8/27/2019	8/27/2019	1		19
1917213	91036-2211	E	DB	P	1/2"/CTS	812	Less than or equal Code 1	B	8/27/2019	8/27/2019	1		19
1917215	92882-1423	E	DB	P	1/2"/CTS	482	Less than or equal Code 1	B	8/27/2019	8/27/2019	1		19
1917224	90275-2042	E	MB	P	2"	384	Less than or equal Code 1	B	8/27/2019	8/27/2019	1		19
1917255	91708-3791	E	DB	P	1/2"/CTS	184	Less than or equal Code 1	B	8/28/2019	8/28/2019	1		19
1917269	92585	E	DB	P	1/2"/CTS	318	Less than or equal Code 1	B	8/28/2019	8/28/2019	1		19
1917277	90033	E	DB	P	1"	488	Less than or equal Code 1	B	8/28/2019	8/28/2019	1		40
1917290	92474	E	MB	P	2"	569	Less than or equal Code 1	B	8/28/2019	8/28/2019	1		19
1917309	92508-2971	E	DB	P	1/2"/CTS	293	Less than or equal Code 1	B	8/28/2019	8/28/2019	1		19
1917323	92629	E	DB	P	1/2"/CTS	289	Less than or equal Code 1	B	8/28/2019	8/28/2019	1		19
1917328	93536-9028	E	DB	P	1/2"/CTS	431	Less than or equal Code 2	B	8/28/2019	8/28/2019	1		19
1917338	91710	E	DB	P	1/2"/IPS	528	Less than or equal Code 1	B	8/29/2019	8/29/2019	1		19
1917352	92590-1838	E	DB	P	1/2"/CTS	369	Less than or equal Code 1	B	8/29/2019	8/29/2019	1		19
1917407	90701-4015	E	DB	P	1/2"/CTS	436	Less than or equal Code 1	B	8/29/2019	8/29/2019	1		19
1917430	91024-2412	E	DB	P	1/2"/CTS	21	Less than or equal Code 1	B	8/29/2019	8/29/2019	1		19
1917438	91301	N	DB	P	1/2"/CTS	480	Less than or equal Code 1	B	8/29/2019	8/29/2019	1		19
1917444	91710	E	MB	P	2"	33	Less than or equal Code 1	B	8/29/2019	8/29/2019	1		85
1917447	92031-0332	E	DB	P	2"	13	Less than or equal Code 1	B	8/29/2019	8/29/2019	1		19
1917490	90032	E	DB	P	1/2"/CTS	468	Less than or equal Code 1	B	8/29/2019	8/29/2019	1		5
1917515	92879-0823	E	MB	P	2"	233	Less than or equal Code 1	B	8/30/2019	8/30/2019	1		19
1917517	91786-2151	E	DB	UC	1-1/4"		Less than or equal Code 1	B	8/30/2019	8/30/2019	1		19
1917519	91291-9683	E	DB	P	2"	107	Less than or equal Code 1	B	8/30/2019	8/30/2019	1		19
1917531	92920-5316	E	MB	P	2"	515	Less than or equal Code 1	B	8/30/2019	8/30/2019	1		107
1917532	92610-1790	E	DB	P	2"	313	Less than or equal Code 1	B	8/30/2019	8/30/2019	1		19
1917536	90274-3301	E	MB	P	6"	27	Less than or equal Code 1	B	8/30/2019	8/30/2019	1		145
1917543	90302-1319	E	DB	P	1/2"/CTS	269	Less than or equal Code 1	B	8/31/2019	8/31/2019	1		19
1917546	90701-4029	E	DB	P	1/2"/CTS	580	Less than or equal Code 1	B	8/31/2019	8/31/2019	1		21
1917546	92562	E	MB	P	2"	156	Less than or equal Code 1	B	8/31/2019	8/31/2019	1		19
1917547	90046-1218	E	DB	P	1/2"/IPS	53	Less than or equal Code 1	B	8/31/2019	8/31/2019	1		19
1917548	90366-2663	E	DB	P	1/2"/CTS	276	Less than or equal Code 1	B	8/31/2019	8/31/2019	1		19
1917561	90602-3425	E	DB	P	1/2"/IPS	551	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917564	92325-1746	E	DB	P	1/2"/IPS	514	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917566	90021	E	MB	P	2"	12	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917574	92360-6919	E	DB	P	1"		Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917583	90306-2395	N	DB	P	1"	407	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917595	91326-1446	E	MB	P	2"	14	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917597	90200-5201	E	DB	P	1/2"/CTS	485	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917625	91862-1542	E	DB	P	1/2"/CTS	487	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917634	90620	E	DB	P	1"	215	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917653	91307	E	DB	P	1/2"/CTS	491	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917657	91030-3918	E	DB	P	1/2"/CTS	361	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		19
1917662	92675	E	DB	P	1/2"/IPS	28	Less than or equal Code 1	B	9/1/2019	9/1/2019	1		4
1917743	91882-3501	E	DB	P	1/2"/CTS	327	Less than or equal Code 1	B	9/4/2019	9/4/2019	1		19
1917744	93312-5688	E	DB	P	1"	167	Less than or equal Code 1	B	9/4/2019	9/4/2019	1		19
1917746	91390-4585	E	DB	P	1/2"/IPS	551	Less than or equal Code 1	B	9/4/2019	9/4/2019	1		19
1917770	92284	E	DB	P	1/2"/IPS	528	Less than or equal Code 1	B	9/5/2019	9/5/2019	1		19
1917774	93001-3916	N	MB	P	2"	671	Less than or equal Code 3	B	9/5/2019	9/5/2019	16	0.2988	5
1917783	91104	E	DB	P	1/2"/CTS	423	Less than or equal Code 1	B	9/5/2019	9/5/2019	1		19
1917802	92225	E	DB	P	1/2"/CTS	466	Less than or equal Code 1	B	9/5/2019	9/5/2019	1		19
1917807	91605-2240	E	DB	P	1/2"/CTS	462	Less than or equal Code 1	B	9/5/2019	9/5/2019	1		19
1917810	92563	E	DB	P	1/2"/IPS	19	Less than or equal Code 1	B	9/5/2019	9/5/2019	1		19
1917812	91406-2328	E	DB	P	1/2"/CTS	413	Less than or equal Code 1	B	9/5/2019	9/5/2019	1		136
1917826	91402-3005	E	DB	P	1/2"/CTS	436	Less than or equal Code 1	B	9/5/2019	9/5/2019	1		19
1917827	90278	E	DB	P	1/2"/CTS	454	Less than or equal Code 1	B	9/5/2019	9/5/2019	1		19
1917834	90205	E	DB	P	1/2"/CTS	523	Less than or equal Code 1	B	9/6/2019	9/6/2019	1		19
1917862	91221-1032	E	DB	P	1/2"/CTS		Less than or equal Code 1	B	9/6/2019	9/6/2019	1		19
1917882	90043-4388	E	DB	P	1/2"/IPS	427	Less than or equal Code 1	B	9/6/2019	9/6/2019	1		19
1917918	92724-4638	E	DB	PC	1/4"	794	Less than or equal Code 1	B	9/6/2019	9/6/2019	1		21
1917922	90272	E	DB	P	1"	11	Less than or equal Code 1	B	9/6/2019	9/6/2019	1		19
1917923	91110-2032	E	DB	P	1/2"/CTS	365	Less than or equal Code 1	B	9/6/2019	9/6/2019	1		19
1917934	90248	E	DB	P	1"	708	Less than or equal Code 1	B	9/6/2019	9/6/2019	1		19
1917952	91269-4223	E	DB	P	1/2"/IPS	389	Less than or equal Code 1	B	9/6/2019	9/6/2019	1		19
1917943	92885-2429	E	DB	P	1"	42	Less than or equal Code 1	B	9/7/2019	9/7/2019	1		19
1917946	91351	E	DB	P	1/2"/CTS	210	Less than or equal Code 1	B	9/7/2019	9/7/2019	1		19
1917949	92336-4255	E	DB	P	2"	224	Less than or equal Code 1	B	9/7/2019	9/7/2019	1		19
1917951	91205	E	DB	P	2"	30	Less than or equal Code 1	B	9/7/2019	9/7/2019	1		19
1917957	90309-1231	E	DB	P	1/2"/CTS	400	Less than or equal Code 2	B	9/8/2019	9/8/2019	1		19
1917959	90022	E	DB	P	1/2"/CTS	415	Less than or equal Code 1	B	9/8/2019	9/8/2019	1		19
1917961	91601-4521	E	MB	P	2"	444	Less than or equal Code 1	B	9/8/2019	9/8/2019	1		19
1917973	92407	E	DB	P	1/2"/CTS	422	Less than or equal Code 1	B	9/7/2019	9/7/2019	1		19
1917982	93314-8551	E	DB	P	1/2"/CTS	52	Less than or equal Code 1	B	9/8/2019	9/8/2019	1		19
1917995	92883	E	DB	P	1/2"/CTS		Less than or equal Code 1	B	9/9/2019	9/9/2019	1		19
1917996	92630	E	MB	P	2"	412	Less than or equal Code 1	B	9/9/2019	9/9/2019	1		19
1918005	90023-9607	E	DB	P	1/2"/CTS	405	Less than or equal Code 1	B	9/9/2019	9/9/2019	1		19
1918048	90069-1754	E	DB	UC	1"	170	Less than or equal Code 1	B	9/9/2019	9/9/2019	1		37
1918049	92240-6034	E	DB	P	1"	395	Less than or equal Code 1	B	9/9/2019	9/9/2019	1		19
1918053	91792-1344	E	DB	P	1/2"/CTS	147	Less than or equal Code 1	B	9/9/2019	9/9/2019	1		19
1918055	90045-2841	E	DB	P	1/2"/IPS		Less than or equal Code 1	B	9/9/2019	9/9/2019	1		19
1918056	90049-2914	E	DB	P	1/2"/CTS	382	Less than or equal Code 1	B	9/9/2019	9/9/2019	1		19
1918057	91207-1218	E	DB	P	1/2"/CTS	315	Less than or equal Code 1	B	9/9/2019	9/9/2019	1		19
1918071	91010-1721	E	DB	P	1/2"/IPS	384	Less than or equal Code 1	B	9/10/2019	9/10/2019	1		19
1918073	92211	E	DB	P	1/2"/CTS	169	Less than or equal Code 1	B	9/10/2019	9/10/2019	1		19
1918089	93401	E	DB	P	1/2"/CTS	419	Less than or equal Code 1	B	9/10/2019	9/10/2019	1		19
1918091	90021	E	DB	P	4"	79	Less than or equal Code 1	B	9/10/2019	9/10/2019	1		19
1918119	90241-4317	E	DB	P	1/2"/CTS	479	Less than or equal Code 1	B	9/10/2019	9/10/2019	1		19
1918142	90044-4528	E	DB	P	1/2"/CTS	483	Less than or equal Code 1	B	9/10/2019	9/10/2019	1		3
1918180	92553-6335	E	DB	P	1/2"/CTS	220	Less than or equal Code 1	B	9/11/2019	9/11/			

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1919596	92346-3548	E	DB	UB	1 1/4"	381	Less than or equal Code 1	B	9/30/2019	9/30/2019	1	37	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919597	93406-6022	E	DB	P	1 1/2" CTS	455	Less than or equal Code 1	B	9/30/2019	9/30/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919598	92523-5560	E	DB	P	1"	23	Less than or equal Code 1	B	9/30/2019	9/30/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919624	92211-0748	E	DB	P	1 1/2" CTS	452	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919629	93420	E	DB	P	1 1/2" IPS	575	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919630	90013-2254	E	DB	P	1"	366	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919631	93044	E	DB	P	1 1/2" CTS	327	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919642	90046-2223	E	DB	P	1 1/2" CTS	113	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919645	92523-6076	E	DB	P	1"	155	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919651	92629-4404	E	DB	P	1 1/2" IPS	569	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919665	92223-6305	E	DB	P	1 1/2" IPS	12	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919679	92807	E	DB	P	1 1/2" IPS	544	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919674	93277	E	DB	P	1 1/2" IPS	509	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919678	90088-1434	E	DB	P	1 1/2" CTS	146	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919682	92006-2701	E	DB	P	1"	17	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1919689	92780-7766	E	DB	P	1"	17	Less than or equal Code 3	B	10/1/2019	10/1/2019	1	91	0.0089
1919711	90620	N	DB	P	1 1/2" CTS	495	Less than or equal Code 2	B	10/1/2019	10/1/2019	1	0	0.0089
1919738	90047-2307	E	DB	P	1 1/2" CTS	327	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919732	93001	E	DB	PC	2"	677	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919736	93536	E	MB	P	2"	148	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919773	93710	E	DB	P	1 1/2" IPS	517	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919776	90272	E	DB	P	1"	76	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919779	92807	E	DB	P	1 1/2" IPS	543	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919790	93093-1513	E	DB	P	1 1/2" IPS	577	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919799	90045-3736	E	DB	P	1"	372	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919808	90045-3120	E	DB	P	1 1/2" CTS	413	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919834	93257-6311	E	MB	P	1"	402	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919836	92584	E	DB	P	1"	72	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919871	92883-3055	E	DB	P	1 1/2" IPS	13	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919876	92802-2311	E	DB	P	1"	1	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919881	92879-1293	E	DB	P	3"	37	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919897	93207-1411	E	DB	P	1 1/2" CTS	413	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919899	93003-1149	E	DB	P	1 1/2" IPS	556	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919919	90330-3030	E	DB	P	1 1/2" CTS	407	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919941	90044	E	DB	P	1"	11	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919944	90023	E	DB	P	1"	407	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919964	93274-7922	E	DB	P	1 1/2" IPS	312	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919975	92880	E	DB	P	1"	417	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919987	90065	N	DB	P	1 1/2" CTS	345	Less than or equal Code 2	B	10/1/2019	10/1/2019	1	0	0.0089
1919990	93060	E	DB	P	1 1/2" CTS	420	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1919991	93277	E	DB	P	1 1/2" CTS	422	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920026	90001-3626	E	DB	P	1 1/2" CTS	492	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920032	90001-3626	E	DB	PC	1"	947	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920034	90004	E	DB	P	1"	321	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920038	92550-6728	N	MB	P	2"	471	Less than or equal Code 2	B	10/1/2019	10/1/2019	1	6	0.2988
1920039	92880-5476	E	DB	P	1 1/2" CTS	258	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920040	90029-3020	E	DB	P	1 1/2" CTS	511	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920052	93184-3037	E	DB	P	1"	778	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920060	92340	E	DB	P	1 1/2" CTS	383	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920071	92547	E	DB	P	1 1/2" IPS	15	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920103	92837-7426	E	DB	UC	3/4"	577	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920119	92523-2992	E	DB	P	1 1/2" IPS	286	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920126	93146	E	DB	P	1 1/2" IPS	425	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920138	93166-3611	E	DB	UC	1"	1	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920146	93292-9245	E	DB	P	1"	336	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920155	92518	E	DB	P	1"	1	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920161	93036-1299	E	DB	P	1"	383	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920166	93144-5122	E	DB	P	1 1/2" CTS	316	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920179	93142	E	DB	P	1"	19	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920180	90063-1312	E	DB	P	1 1/2" CTS	155	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920187	93237	N	MB	P	2"	495	Less than or equal Code 3	B	10/1/2019	10/1/2019	1	3	0.2988
1920213	92662-2916	E	DB	P	1 1/2" CTS	351	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920217	93144-4844	E	DB	P	1 1/2" CTS	771	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920218	92836	E	DB	P	1 1/2" CTS	495	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920219	92832-2774	E	DB	CTS	2"	227	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920226	90265-4219	E	DB	P	1 1/2" IPS	371	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920273	92627-7706	E	DB	P	1"	48	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920274	93001-4940	E	DB	P	1"	347	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920279	92649-2720	E	DB	P	1 1/2" CTS	379	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920281	93003	E	DB	P	1 1/2" IPS	1	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920294	92503-5057	E	DB	P	1 1/2" CTS	413	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920313	90019-5662	E	DB	P	1 1/2" IPS	443	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920318	92211	E	DB	P	1 1/2" CTS	469	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920350	93770-1655	E	DB	P	1 1/2" CTS	248	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920361	90712-3920	E	DB	P	1 1/2" CTS	481	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920371	90278-3719	E	DB	P	1 1/2" IPS	378	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920383	93012-8251	E	DB	P	1 1/2" IPS	455	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920396	92841	E	DB	P	1 1/2" IPS	246	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920398	92683-5789	E	DB	PC	3/4"	584	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920399	93406-2416	E	DB	P	1 1/2" CTS	413	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920403	92507-4305	E	DB	P	1 1/2" IPS	826	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920406	93184-4506	N	MB	P	2"	497	Less than or equal Code 2	B	10/1/2019	10/1/2019	1	8	0.2988
1920417	90007	E	DB	P	1 1/2" IPS	1	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920417	93458	E	DB	P	1"	14	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920446	92583	E	MB	P	2"	482	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920483	92260-2522	E	DB	P	1 1/2" CTS	203	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920488	92886-4425	E	DB	P	1"	520	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920528	92201-9669	E	MB	P	2"	21	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920530	92587-9213	E	DB	P	1"	1	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920531	93444-6729	E	DB	P	1 1/2" CTS	224	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920545	91423-4601	E	DB	P	1 1/2" CTS	404	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920553	92649-1847	E	DB	P	1"	1	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920562	92507-3998	E	DB	P	1"	939	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920562	90402-3123	E	DB	P	1 1/2" CTS	441	Less than or equal Code 1	B	10/1/2019	10/1/2019	1	1	
1920584	92508-8816	N	DB	P	1 1/2" CTS	450	Less than or equal Code 2	B	10/1/2019	10/1/2019	1	1	0.0089
1920648	92557												

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D	P	1/2" IPS	431	Less than or equal Code 1	B	2/6/2019	2/6/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix A.
E	D	P	1/2" IPS	23	Less than or equal Code 1	B	2/6/2019	2/6/2019	1	1
E	MB	P	1/2" IPS	453	Less than or equal Code 1	B	2/9/2019	2/9/2019	1	145
E	D	P	1"	3	Less than or equal Code 1	B	2/9/2019	2/9/2019	1	5
E	D	P	1/2" IPS	39	Less than or equal Code 1	B	2/9/2019	2/9/2019	1	19
E	D	PC	3/4"	792	Less than or equal Code 1	B	2/11/2019	2/11/2019	1	19
N	MB	P	2"	432	Less than or equal Code 1	B	2/11/2019	2/11/2019	1	19
E	D	PC	3/4"	1	Less than or equal Code 1	B	2/11/2019	2/11/2019	1	21
E	D	P	2"	11	Less than or equal Code 1	B	2/11/2019	2/11/2019	1	457
E	D	P	1"	419	Less than or equal Code 1	B	2/17/2019	2/17/2019	1	3
E	D	P	1/2" CTS	435	Less than or equal Code 1	B	2/12/2019	2/12/2019	1	2
E	D	P	1"	143	Less than or equal Code 1	B	2/12/2019	2/12/2019	1	9
E	MB	P	1"	516	Less than or equal Code 1	B	2/12/2019	2/12/2019	1	19
E	D	P	1/2" CTS	508	Less than or equal Code 1	B	2/13/2019	2/13/2019	1	25
E	D	P	1/2" CTS	516	Less than or equal Code 1	B	2/15/2019	2/15/2019	1	14
E	D	P	1/2" IPS	465	Less than or equal Code 1	B	2/16/2019	2/16/2019	1	19
E	D	P	1/2" IPS	516	Less than or equal Code 1	B	2/17/2019	2/17/2019	1	19
E	D	P	1/2" CTS	355	Less than or equal Code 1	B	2/17/2019	2/17/2019	1	24
E	D	P	1/2" CTS	516	Less than or equal Code 1	B	2/18/2019	2/18/2019	1	19
E	D	P	1/2" IPS	551	Less than or equal Code 1	B	2/18/2019	2/18/2019	1	21
E	D	P	1"	467	Less than or equal Code 1	B	2/19/2019	2/19/2019	1	19
E	MB	P	2"	437	Less than or equal Code 1	B	2/19/2019	2/19/2019	1	19
E	D	UC	3/4"	1	Less than or equal Code 1	B	2/19/2019	2/19/2019	1	37
E	D	UB	3/4"	1114	Less than or equal Code 1	B	2/20/2019	2/20/2019	1	20
E	D	P	1/2" CTS	460	Less than or equal Code 1	B	2/20/2019	2/20/2019	1	5
E	D	P	2"	460	Less than or equal Code 1	B	2/20/2019	2/20/2019	1	19
N	MB	P	2"	431	Less than or equal Code 1	B	2/20/2019	2/20/2019	1	19
E	D	PC	3/4"	576	Less than or equal Code 1	B	2/21/2019	2/21/2019	1	4
N	MB	P	2"	428	Less than or equal Code 1	B	2/21/2019	2/21/2019	1	19
E	D	P	1"	1	Less than or equal Code 1	B	2/21/2019	2/21/2019	1	19
E	D	P	1/2" IPS	41	Less than or equal Code 1	B	2/24/2019	2/24/2019	1	1
E	MB	P	2"	455	Less than or equal Code 1	B	2/25/2019	2/25/2019	1	19
E	D	P	1/2" CTS	438	Less than or equal Code 1	B	2/26/2019	2/26/2019	1	19
E	D	P	2"	99	Less than or equal Code 1	B	2/26/2019	2/26/2019	1	19
E	D	P	1/2" CTS	516	Less than or equal Code 1	B	2/26/2019	2/26/2019	1	19
N	MB	P	2"	443	Less than or equal Code 1	B	2/27/2019	2/27/2019	1	19
E	D	P	1/2" CTS	209	Less than or equal Code 1	B	2/28/2019	2/28/2019	1	19
E	D	P	2"	589	Less than or equal Code 1	B	2/28/2019	2/28/2019	1	19
E	D	P	2"	491	Less than or equal Code 1	B	2/28/2019	2/28/2019	1	19
E	D	P	1/2" CTS	478	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	19
E	D	P	1/2" CTS	446	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	19
E	D	P	1/2" CTS	435	Less than or equal Code 1	B	3/1/2019	3/1/2019	1	19
E	D	P	1/2" IPS	461	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	19
E	D	P	1/2" IPS	518	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	19
E	D	P	1/2" CTS	287	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	1
E	D	P	1/2" CTS	380	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	19
E	D	P	1/2" CTS	396	Less than or equal Code 1	B	3/4/2019	3/4/2019	1	5
E	D	P	1"	17	Less than or equal Code 1	B	3/6/2019	3/6/2019	1	39
E	D	P	1/2" CTS	467	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	19
E	D	PC	3/4"	787	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	21
E	D	P	1/2" CTS	484	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	19
N	MB	P	2"	539	Less than or equal Code 1	B	3/7/2019	3/7/2019	1	19
E	D	UC	3/4"	742	Less than or equal Code 1	B	3/8/2019	3/8/2019	1	20
E	D	P	1/2" CTS	372	Less than or equal Code 1	B	3/11/2019	3/11/2019	1	2
E	D	P	1"	491	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	19
E	D	P	1/2" IPS	42	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	19
N	MB	P	2"	441	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	19
E	D	P	1/2" CTS	514	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	28
E	D	P	1/2" IPS	464	Less than or equal Code 1	B	3/12/2019	3/12/2019	1	19
E	D	P	1/2" IPS	399	Less than or equal Code 1	B	3/14/2019	3/14/2019	1	19
E	MB	PC	3/4"	369	Greater than 60	B	3/14/2019	3/14/2019	1	21
E	D	P	1/2" CTS	35	Less than or equal Code 1	B	3/14/2019	3/14/2019	1	11
E	D	P	1"	1	Less than or equal Code 1	B	3/14/2019	3/14/2019	1	19
E	D	P	1/2" CTS	237	Less than or equal Code 1	B	3/14/2019	3/14/2019	1	15
E	MB	P	2"	1	Less than or equal Code 1	B	3/15/2019	3/15/2019	1	19
E	D	P	1/2" CTS	479	Less than or equal Code 1	B	3/15/2019	3/15/2019	1	2
E	D	P	1/2" IPS	442	Less than or equal Code 1	B	3/15/2019	3/15/2019	1	19
N	MB	P	1/2" CTS	457	Less than or equal Code 1	B	3/15/2019	3/15/2019	1	19
E	D	P	1/2" CTS	434	Less than or equal Code 1	B	3/18/2019	3/18/2019	1	19
E	D	P	1/2" CTS	490	Less than or equal Code 1	B	3/18/2019	3/18/2019	1	19
E	D	P	1/2" CTS	383	Less than or equal Code 1	B	3/18/2019	3/18/2019	1	2
E	D	P	2"	456	Less than or equal Code 1	B	3/18/2019	3/18/2019	1	19
E	D	P	1"	456	Less than or equal Code 1	B	3/18/2019	3/18/2019	1	19
E	D	P	1/2" IPS	505	Less than or equal Code 1	B	3/18/2019	3/18/2019	1	5
E	D	P	1/2" IPS	324	Less than or equal Code 1	B	3/18/2019	3/18/2019	1	7
E	D	P	1/2" IPS	339	Less than or equal Code 1	B	3/19/2019	3/19/2019	1	4
N	MB	P	1"	322	Less than or equal Code 1	B	3/20/2019	3/20/2019	1	19
E	D	P	1"	13	Less than or equal Code 1	B	3/19/2019	3/19/2019	1	28
E	D	P	1"	339	Less than or equal Code 1	B	3/15/2019	3/15/2019	1	1
E	D	P	1/2" CTS	529	Less than or equal Code 1	B	3/19/2019	3/19/2019	1	4
E	D	P	1/2" IPS	14	Less than or equal Code 1	B	3/20/2019	3/20/2019	1	19
E	D	P	1/2" CTS	374	Less than or equal Code 1	B	3/20/2019	3/20/2019	1	19
E	D	P	1/2" IPS	547	Less than or equal Code 1	B	3/20/2019	3/20/2019	1	13
N	MB	P	1/2" CTS	449	Less than or equal Code 1	B	3/20/2019	3/20/2019	1	19
E	D	P	1/2" IPS	500	Less than or equal Code 1	B	3/21/2019	3/21/2019	1	19
N	MB	P	2"	525	Less than or equal Code 1	B	3/21/2019	3/21/2019	1	19
E	D	UC	3/4"	18	Less than or equal Code 1	B	3/21/2019	3/21/2019	1	20
E	D	P	1/2" CTS	118	Less than or equal Code 1	B	3/22/2019	3/22/2019	1	19
E	D	P	1/2" IPS	383	Less than or equal Code 1	B	3/22/2019	3/22/2019	1	19
E	D	P	1/2" IPS	72	Less than or equal Code 1	B	3/22/2019	3/22/2019	1	19
E	D	P	2"	1	Less than or equal Code 1	B	3/23/2019	3/23/2019	1	19
E	MB	P	1/2" CTS	1	Less than or equal Code 1	B	3/25/2019	3/25/2019	1	2
E	D	P	2"	174	Less than or equal Code 1	B	3/25/2019	3/25/2019	1	145
E	D	P	9"	9	Less than or equal Code 1	B	3/25/2019	3/25/2019	1	53
N	MB	P	2"	471	Less than or equal Code 1	B	3/26/2019	3/26/2019	1	19
E	D	P	1/2" CTS	155	Less than or equal Code 1	B	3/26/2019	3/26/2019	1	19
E	D	P	1/2" IPS	540	Less than or equal Code 1	B	3/26/2019	3/26/2019	1	19
E	MB	P	2"	389	Less than or equal Code 1	B	3/26/2019	3/26/2019	1	4
E	D	P	1/2" CTS	452	Less than or equal Code 1	B	3/27/2019	3/27/2019	1	19
E	D	P	1/2" CTS	551	Less than or equal Code 1	B	3/27/2019	3/27/2019	1	19
E	D	P	1/2" IPS	505	Less than or equal Code 1	B	3/28/2019	3/28/2019	1	19
N	MB	P	1/2" IPS	419	Less than or equal Code 1	B	3/28/2019	3/28/2019	1	19
E	D	P	1"	11	Less than or equal Code 1	B	3/28/2019	3/28/2019	1	29
N	MB	P	1/2" CTS	491	Less than or equal Code 1	B	3/29/2019	3/29/2019	1	19
E	D	P	1/2" CTS	474	Less than or equal Code 1	B	3/29/2019	3/29/2019	1	15
E	D	P	1"	572	Less than or equal Code 1	B	3/29/2019	3/29/2019	1	19
E	D	P	1/2" CTS	299	Less than or equal Code 1	B	3/29/2019	3/29/2019	1	19
E	D	P	1/2" CTS	419	Less than or equal Code 1	B	3/30/2019	3/30/2019	1	1
E	D	P	1"	480	Less than or equal Code 1	B	4/1/2019	4/1/2019	1	22
E	D	P	1/2" CTS	174	Less than or equal Code 1	B	4/1/2019	4/1/2019	1	19
N	UC	3/4"	689	Less than or equal Code 1	B	4/1/2019	4/1/2019	1	20	
E	D	P	1/2" IPS	1	Less than or equal Code 1	B	4/1/2019	4/1/2019	1	19
E	D	P	1/2" IPS	523	Less than or equal Code 1	B	4/1/2019	4/1/2019	1	21
E	D	P	1/2" IPS	38	Less than or equal Code 1	B	4/1/2019	4/1/2019	1	52
E	D	P	1/2" CTS	390	Less than or equal Code 1	B	4/1/2019	4/1/2019	1	19
E	D	P	1"	9	Less than or equal Code 1	B	4/2/2019	4/2/2019	1	19
E	D	PC	3/8"	621	Less than or equal Code 1	B	4/2/2019	4/2/2019	1	19
E	D	P	1/2" CTS	400	Less than or equal Code 1	B	4/3/2019	4/3/2019	1	19
E	D	P	1/2" IPS	399	Less than or equal Code 1	B	4/4/2019	4/4/2019	1	2
E	D	UC	3/4"	872	Less than or equal Code 1	B	4/4/2019	4/4/2019	1	6
E	D	P	1/2" IPS	20	Less than or equal Code 1	B	4/5/2019	4/5/2019	1	19
N	MB	P	1/2" IPS	507	Less than or equal Code 1	B	4/6/2019	4/6/2019	1	19

106677	93025	E	DB	P	1/2"	CTS	56	Less than or equal Code 1	B	4/6/2019	4/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106666	93631	E	DB	P	1"		1	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	39	
106661	91204	E	DB	PC	3/4"		1	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106666	90026	E	DB	P	1/2"	CTS	491	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106661	91206	E	DB	P	1/2"	CTS	511	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	3	
106679	91216	E	DB	P	2"		479	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	39	
106679	91257	E	DB	P	1"		1	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106672	90064	E	DB	P	1/2"	CTS	432	Less than or equal Code 1	B	4/8/2019	4/8/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106704	91210	E	DB	P	1/2"	CTS	1	Less than or equal Code 1	B	4/9/2019	4/9/2019	1	6	
106681	90022	E	DB	P	1/2"	CTS	383	Less than or equal Code 1	B	4/10/2019	4/10/2019	1	39	
1066919	92879	E	DB	P	2"		938	Less than or equal Code 1	B	4/10/2019	4/10/2019	1	60	
106692	91208	E	DB	P	1/2"	CTS	1	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	38	
106692	90249	E	DB	P	3/4"		411	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	38	
106698	91274	E	DB	P	1/2"	CTS	494	Less than or equal Code 1	B	4/11/2019	4/11/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067003	92899-2561	N	DB	P	1/2"	CTS	28	Less than or equal Code 1	B	4/13/2019	4/13/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067002	91215	E	DB	P	1/2"	CTS	41	Less than or equal Code 1	B	4/13/2019	4/13/2019	1	39	
1067094	92867	N	DB	P	2"		537	Less than or equal Code 1	B	4/15/2019	4/15/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106719	90640	N	DB	P	1/2"	CTS	515	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106719	92312-7062	N	DB	P	1/2"	CTS	358	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	39	
1067249	93043	N	DB	P	1/2"	CTS	426	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067288	90065-3926	N	DB	P	2"		521	Less than or equal Code 1	B	4/16/2019	4/16/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106728	90065-3926	N	DB	P	2"		467	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067312	92374	E	DB	P	1"		27	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067338	93648	E	DB	P	1/2"	CTS	393	Less than or equal Code 1	B	4/14/2019	4/14/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067338	90029	E	DB	P	1/2"	CTS	135	Less than or equal Code 1	B	4/17/2019	4/17/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067425	91254	N	DB	P	1/2"	CTS	305	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067427	92224	E	DB	P	1/2"	CTS	368	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067444	90264	E	DB	PC	3/4"		795	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	39	
1067473	91254	N	DB	UC	1"		212	Less than or equal Code 1	B	4/18/2019	4/18/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106748	91325	E	DB	P	1/2"	CTS	494	Less than or equal Code 1	B	4/20/2019	4/20/2019	1	39	
1067628	92867	N	DB	P	1"		523	Less than or equal Code 1	B	4/22/2019	4/22/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067617	90032	E	DB	P	1/2"	CTS	117	Less than or equal Code 1	B	4/22/2019	4/22/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067765	91291	E	DB	P	4"		11	Less than or equal Code 1	B	4/23/2019	4/23/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106778	91203	E	DB	P	1"		671	Less than or equal Code 1	B	4/23/2019	4/23/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106788	91083	E	DB	P	1/2"	CTS	1	Less than or equal Code 1	B	4/24/2019	4/24/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106784	91267	E	DB	P	1/2"	CTS	23	Less than or equal Code 1	B	4/24/2019	4/24/2019	1	6	
1067865	93630	E	DB	P	1/2"	CTS	435	Less than or equal Code 1	B	4/24/2019	4/24/2019	1	39	
1067865	91050	E	DB	P	1"		478	Less than or equal Code 1	B	4/24/2019	4/24/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067952	91748	N	DB	P	1"		503	Less than or equal Code 1	B	4/25/2019	4/25/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067955	90022	E	DB	PC	3/4"		532	Less than or equal Code 1	B	4/25/2019	4/25/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067955	92377	E	DB	P	1/2"	CTS	569	Less than or equal Code 1	B	4/25/2019	4/25/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1067981	92373	E	DB	P	1"		1	Less than or equal Code 1	B	4/25/2019	4/25/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068001	90001	E	DB	P	1/2"	CTS	275	Less than or equal Code 1	B	4/25/2019	4/25/2019	1	30	
1068001	90005-2018	E	DB	P	1"		11	Less than or equal Code 1	B	4/25/2019	4/25/2019	1	4	
1068009	93013	E	DB	P	1/2"	CTS	414	Less than or equal Code 1	B	4/26/2019	4/26/2019	1	1	
106810	91321	E	DB	P	1/2"	CTS	484	Less than or equal Code 1	B	4/26/2019	4/26/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106810	91405	E	DB	P	1/2"	CTS	388	Less than or equal Code 1	B	4/27/2019	4/27/2019	1	39	
1068271	91007-7919	E	DB	P	1"		227	Less than or equal Code 1	B	4/29/2019	4/29/2019	1	17	
1068340	91420	N	DB	UC	1 1/4"		736	Less than or equal Code 1	B	4/30/2019	4/30/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068340	91425	E	DB	P	1/2"	CTS	492	Less than or equal Code 1	B	4/30/2019	4/30/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068441	90746	N	DB	P	1/2"	CTS	500	Less than or equal Code 1	B	5/1/2019	5/1/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068458	91187	E	DB	P	1/2"	CTS	235	Less than or equal Code 1	B	5/2/2019	5/2/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068459	90069-1118	E	DB	P	1/2"	CTS	201	Less than or equal Code 1	B	5/2/2019	5/2/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068516	91207	E	DB	P	1/2"	CTS	446	Less than or equal Code 1	B	5/2/2019	5/2/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068531	91291	E	DB	P	2"		148	Less than or equal Code 1	B	5/2/2019	5/2/2019	1	48	
1068557	92679	E	DB	P	1/2"	CTS	10	Less than or equal Code 1	B	5/2/2019	5/2/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068557	90075	E	DB	P	1/2"	CTS	515	Less than or equal Code 1	B	5/2/2019	5/2/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068641	91343-1683	E	DB	P	1/2"	CTS	408	Less than or equal Code 1	B	5/3/2019	5/3/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068658	93001	N	DB	P	1/2"	CTS	515	Less than or equal Code 1	B	5/4/2019	5/4/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068658	91330	E	DB	P	1/2"	CTS	524	Less than or equal Code 1	B	5/4/2019	5/4/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068673	90032-2185	E	DB	P	1/2"	CTS	383	Less than or equal Code 1	B	5/4/2019	5/4/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106870	92614	E	DB	P	2"		1	Less than or equal Code 1	B	5/6/2019	5/6/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106880	91044	E	DB	P	1/2"	CTS	230	Less than or equal Code 1	B	5/7/2019	5/7/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106881	92675	E	DB	P	2"		386	Less than or equal Code 1	B	5/7/2019	5/7/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068836	92651-2501	E	DB	P	1/2"	CTS	583	Less than or equal Code 1	B	5/7/2019	5/7/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068836	92652-1055	E	DB	P	1/2"	CTS	516	Less than or equal Code 1	B	5/7/2019	5/7/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068843	91302-1837	E	DB	PC	3/4"		545	Less than or equal Code 1	B	5/7/2019	5/7/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068996	92557	N	DB	P	1/2"	CTS	384	Less than or equal Code 1	B	5/9/2019	5/9/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1068996	91287	E	DB	P	1/2"	CTS	515	Less than or equal Code 1	B	5/9/2019	5/9/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069053	91250	N	DB	P	1"		21	Less than or equal Code 1	B	5/9/2019	5/9/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069071	92509	E	DB	UB	3/4"		763	Less than or equal Code 1	B	5/9/2019	5/9/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069071	92509-2354	E	DB	P	1"		11	Less than or equal Code 1	B	5/9/2019	5/9/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069083	91317	E	DB	P	1/2"	CTS	1103	Less than or equal Code 1	B	5/9/2019	5/9/2019	1	1930	
1069086	92701-6448	E	DB	P	1/2"	CTS	479	Less than or equal Code 1	B	5/9/2019	5/9/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069149	91305	E	DB	P	1/2"	CTS	551	Less than or equal Code 1	B	5/10/2019	5/10/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069149	91707-2269	E	DB	UB	1 1/4"		353	Less than or equal Code 1	B	5/10/2019	5/10/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069142	92627	E	DB	P	2"		51	Less than or equal Code 1	B	5/10/2019	5/10/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069191	93463	E	DB	P	1/2"	CTS	1	Less than or equal Code 1	B	5/12/2019	5/12/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069202	91080	E	DB	P	1/2"	CTS	1	Less than or equal Code 1	B	5/13/2019	5/13/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069342	91709	E	DB	UC	8"		501	Less than or equal Code 1	B	5/14/2019	5/14/2019	1	2268	
1069379	93534	E	DB	P	1"		401	Less than or equal Code 1	B	5/14/2019	5/14/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069379	91079	E	DB	P	1/2"	CTS	1	Less than or equal Code 1	B	5/14/2019	5/14/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069396	90401-2919	E	DB	UC	3/4"		605	Less than or equal Code 1	B	5/14/2019	5/14/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069410	91304-3253	E	DB	P	2"		573	Less than or equal Code 1	B	5/14/2019	5/14/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069440	91087	E	DB	P	1/2"	CTS	379	Less than or equal Code 1	B	5/15/2019	5/15/2019	1	39	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069531	92679	E	DB	P	3"		369	Less than or equal Code 1	B	5/15/2019	5/15/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1069559	92692	E												

484	DB	PC	3/4"	765	Less than or equal Code 1	6/1/2019	6/1/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
484	DB	P	1"	11	Less than or equal Code 1	6/4/2019	6/4/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
171	DB	P	1/2" CTS	63	Less than or equal Code 1	6/4/2019	6/4/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
264	DB	P	1/2" CTS	539	Less than or equal Code 1	6/5/2019	6/5/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
311-7013	E	DB	P	165	Less than or equal Code 1	6/5/2019	6/5/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
14	DB	P	1/2" CTS	893	Less than or equal Code 1	6/5/2019	6/5/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
8	DB	UC	3/4"	573	Less than or equal Code 1	6/6/2019	6/6/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
75	E	MB	P	1"	386	Less than or equal Code 1	6/6/2019	6/6/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109	DB	P	1/2" CTS	455	Less than or equal Code 1	6/6/2019	6/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
404	E	MB	P	2"	506	Less than or equal Code 1	6/6/2019	6/6/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
5	DB	P	1/2" IPS	545	Less than or equal Code 1	6/6/2019	6/6/2019	1	27	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
116	E	MB	UC	2"	4	Less than or equal Code 1	6/7/2019	6/7/2019	1	37	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
175	E	DB	P	1/2" IPS	556	Less than or equal Code 1	6/8/2019	6/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
74	E	DB	P	1"	443	Less than or equal Code 1	6/10/2019	6/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
93	E	MB	PC	3"	557	Less than or equal Code 1	6/12/2019	6/12/2019	1	306	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
22	N	DB	P	1/2" IPS	443	Less than or equal Code 1	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
761-7939	E	DB	P	2"	512	Less than or equal Code 1	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
154-1581	E	MB	P	9	Less than or equal Code 1	6/12/2019	6/12/2019	1	6	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
761-7939	E	DB	P	1/2" IPS	551	Less than or equal Code 1	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
130-1464	E	DB	P	1/2" IPS	33	Less than or equal Code 1	6/12/2019	6/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1421	E	DB	P	1/2" CTS	852	Less than or equal Code 1	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
22	E	DB	P	1/2" IPS	24	Less than or equal Code 1	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
104-1377	E	MB	P	2"	707	Less than or equal Code 1	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
126	E	DB	P	1/2" CTS	411	Less than or equal Code 1	6/13/2019	6/13/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
90	E	DB	P	6"	200	Less than or equal Code 1	6/14/2019	6/14/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
166	E	DB	P	2"	289	Less than or equal Code 1	6/15/2019	6/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
232	E	DB	P	1/2" CTS	488	Less than or equal Code 1	6/17/2019	6/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
03	N	DB	Unknown	3/4"	505	Less than or equal Code 1	6/18/2019	6/18/2019	1	20	Emission estimated from population of similar events. Pipe Material of Unknowns, will use worst case emission factor for respective Pipe Classification. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
182-874	E	MB	P	2"	567	Less than or equal Code 1	6/18/2019	6/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
404	E	DB	P	1/2" IPS	486	Less than or equal Code 1	6/18/2019	6/18/2019	1	12	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
298	N	DB	UC	3/4"	46	Less than or equal Code 1	6/18/2019	6/18/2019	1	60	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
404	E	DB	P	1/2" IPS	501	Less than or equal Code 1	6/18/2019	6/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
36	E	DB	P	1/2" CTS	511	Less than or equal Code 1	6/18/2019	6/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
404	E	DB	P	1/2" CTS	576	Less than or equal Code 1	6/18/2019	6/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
14	E	DB	UC	3/4"	774	Less than or equal Code 1	6/19/2019	6/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
154	E	MB	P	1091	Less than or equal Code 1	6/20/2019	6/20/2019	1	14	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
102-2231	E	MB	UC	6"	1057	Less than or equal Code 1	6/20/2019	6/20/2019	1	37	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
43	E	DB	P	1/2" CTS	414	Less than or equal Code 1	6/21/2019	6/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
127	E	DB	P	1/2" CTS	206	Less than or equal Code 1	6/21/2019	6/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
14	E	DB	P	1"	11	Less than or equal Code 1	6/21/2019	6/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
104-5677	E	DB	P	1/2" IPS	422	Less than or equal Code 1	6/21/2019	6/21/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
747-747	E	DB	P	1/2" CTS	519	Less than or equal Code 1	6/24/2019	6/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
27	E	DB	P	1"	780	Less than or equal Code 1	6/24/2019	6/24/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	461	Less than or equal Code 1	6/25/2019	6/25/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
404	E	DB	P	1"	425	Less than or equal Code 1	6/25/2019	6/25/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
391-3524	E	DB	P	1/2" CTS	443	Less than or equal Code 1	6/26/2019	6/26/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
149-2531	E	DB	UC	3/4"	756	Less than or equal Code 1	6/26/2019	6/26/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
143	E	DB	P	1/2" CTS	527	Less than or equal Code 1	6/27/2019	6/27/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
12	E	DB	UC	3/4"	776	Less than or equal Code 1	6/27/2019	6/27/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
771-7718	E	DB	P	1/2" IPS	467	Less than or equal Code 1	6/27/2019	6/27/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
12	E	DB	P	1/2" CTS	365	Less than or equal Code 1	6/28/2019	6/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
108-5802	E	MB	P	2"	13	Less than or equal Code 1	6/28/2019	6/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
351-3923	E	DB	P	1/2" CTS	484	Less than or equal Code 1	6/28/2019	6/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
73	N	MB	P	1"	484	Less than or equal Code 1	7/1/2019	7/1/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	471	Less than or equal Code 1	6/28/2019	6/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
108-9218	E	MB	P	3"	404	Less than or equal Code 1	7/2/2019	7/2/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
55-8173	E	DB	P	1"	18	Less than or equal Code 1	7/3/2019	7/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	171	Less than or equal Code 1	7/3/2019	7/3/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
01	E	DB	UC	3/4"	589	Less than or equal Code 1	7/8/2019	7/8/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
76	N	DB	P	1/2" CTS	462	Less than or equal Code 1	7/8/2019	7/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	78/2019	Less than or equal Code 1	7/8/2019	7/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
106-1450	E	DB	P	1/2" CTS	431	Less than or equal Code 1	7/8/2019	7/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
20	N	DB	P	1/2" CTS	495	Less than or equal Code 1	7/8/2019	7/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
447-2523	E	DB	P	1/2" IPS	21	Less than or equal Code 1	7/8/2019	7/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	608	Less than or equal Code 1	7/8/2019	7/8/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
999-5447	E	DB	P	1/2" CTS	494	Less than or equal Code 1	7/8/2019	7/8/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	48	Less than or equal Code 1	7/10/2019	7/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
105-4169	E	DB	P	1/2" CTS	803	Less than or equal Code 1	7/10/2019	7/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	410	Less than or equal Code 1	7/10/2019	7/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	40	Less than or equal Code 1	7/10/2019	7/10/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
76	E	DB	P	2"	97	Less than or equal Code 1	7/11/2019	7/11/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
83-3141	E	DB	P	1/2" IPS	8	Less than or equal Code 1	7/11/2019	7/11/2019	1	21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
46	MB	P	4"	462	Less than or equal Code 1	7/11/2019	7/11/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.	
108-1320	E	DB	P	3"	453	Less than or equal Code 1	7/11/2019	7/11/2019	1	145	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
92	E	DB	P	2"	479	Less than or equal Code 1	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
102-2231	E	DB	P	1/2" CTS	479	Less than or equal Code 1	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
102-2231	E	DB	P	2"	765	Less than or equal Code 1	7/12/2019	7/12/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
01	E	DB	P	1/2" IPS	12	Less than or equal Code 1	7/15/2019	7/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	479	Less than or equal Code 1	7/15/2019	7/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" IPS	415	Less than or equal Code 1	7/15/2019	7/15/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
140-1407	E	DB	UC	1"	343	Less than or equal Code 1	7/16/2019	7/16/2019	1	37	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
11	E	DB	P	1"	102	Less than or equal Code 1	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	162	Less than or equal Code 1	7/16/2019	7/16/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
11	E	DB	P	2"	107	Less than or equal Code 1	7/17/2019	7/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
76	E	DB	P	1/2" CTS	449	Less than or equal Code 1	7/17/2019	7/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
142-1265	E	MB	P	2"	153	Less than or equal Code 1	7/17/2019	7/17/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
148-1919	N	DB	P	1/2" IPS	591	Less than or equal Code 1	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	427	Less than or equal Code 1	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
404-3011	E	DB	P	1/2" CTS	430	Less than or equal Code 1	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
06	E	DB	P	2"	1079	Less than or equal Code 1	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
109-383	E	DB	P	1/2" CTS	187	Less than or equal Code 1	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
30	E	MB	P	2"	960	Less than or equal Code 1	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
04	E	DB	P	1"	440	Less than or equal Code 1	7/18/2019	7/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
102-2231	E	DB	P	1/2" CTS	513	Less than or equal Code 1	7/19/2019	7/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
43-2204	E	DB	P	1/2" CTS	454	Less than or equal Code 1	7/20/2019	7/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
06	E	DB	P	2"	61	Less than or equal Code 1	7/20/2019	7/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
06	E	DB	P	1/2" CTS	51						

150101	92867	N	MB	P	2"	539	Less than or equal Code 1	B	7/30/2019	7/30/2019	7/30/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150107	93647-2305	E	DB	PC	3/4"	4	Less than or equal Code 1	B	7/30/2019	7/30/2019	7/30/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150109	93744-6204	E	MB	P	1/2"	1PS	Less than or equal Code 1	B	7/30/2019	7/30/2019	7/30/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150111	90405-6054	E	MB	PC	3/4"	371	Less than or equal Code 1	B	7/30/2019	7/30/2019	7/30/2019	1	21	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150115	92703	N	DB	P	1/2"	1PS	505 Less than or equal Code 1	B	7/31/2019	7/31/2019	7/31/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150121	92705	E	DB	P	1/2"	1PS	335 Less than or equal Code 1	B	7/31/2019	7/31/2019	7/31/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150122	92880	E	DB	P	1/2"	1PS	19 Less than or equal Code 1	B	8/1/2019	8/1/2019	8/1/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150203	93604	E	DB	P	1/2"	1PS	Less than or equal Code 1	B	8/1/2019	8/1/2019	8/1/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150204	93679	E	DB	P	1/2"	1PS	11 Less than or equal Code 1	B	8/2/2019	8/2/2019	8/2/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150300	91770	N	DB	P	1/2"	1CTS	475 Less than or equal Code 1	B	8/2/2019	8/2/2019	8/2/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150304	91325	N	DB	P	2"		489 Less than or equal Code 1	B	8/2/2019	8/2/2019	8/2/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150311	91029-2960	E	DB	P	1/2"	1PS	508 Less than or equal Code 1	B	8/2/2019	8/2/2019	8/2/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150312	91036	E	MB	UC	4"	1	7 Less than or equal Code 1	B	8/2/2019	8/2/2019	8/2/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150314	90011-5785	E	DB	P	1/2"	1CTS	261 Less than or equal Code 1	B	8/2/2019	8/2/2019	8/2/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150330	92374-5055	E	MB	P	2"		23 Less than or equal Code 1	B	8/2/2019	8/2/2019	8/2/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150336	92399-4164	E	DB	P	1/2"	1PS	749 Less than or equal Code 1	B	8/2/2019	8/2/2019	8/2/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150349	93110-1547	E	DB	P	1/2"	1PS	599 Less than or equal Code 1	B	8/5/2019	8/5/2019	8/5/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150441	92284	E	DB	P	1/2"	1CTS	282 Less than or equal Code 1	B	8/5/2019	8/5/2019	8/5/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150445	93103-1247	E	DB	P	1/2"	1PS	421 Less than or equal Code 1	B	8/5/2019	8/5/2019	8/5/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150480	90210-1827	E	DB	P	1/2"	1CTS	13 Less than or equal Code 1	B	8/5/2019	8/5/2019	8/5/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150495	93103-1600	N	DB	P	1/2"	1PS	564 Less than or equal Code 1	B	8/6/2019	8/6/2019	8/6/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150501	93170	E	DB	P	1/2"	1PS	507 Less than or equal Code 1	B	8/6/2019	8/6/2019	8/6/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150520	92882-4724	E	DB	PC	3/4"		554 Less than or equal Code 1	B	8/6/2019	8/6/2019	8/6/2019	1	21	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150536	93117-3027	E	DB	P	1/2"	1PS	599 Less than or equal Code 1	B	8/6/2019	8/6/2019	8/6/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150538	92880	E	DB	P	1/2"	1PS	501 Less than or equal Code 1	B	8/7/2019	8/7/2019	8/7/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150599	92240	N	DB	P			350 Less than or equal Code 1	B	8/7/2019	8/7/2019	8/7/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150647	92880	E	DB	P	1"		468 Less than or equal Code 1	B	8/7/2019	8/7/2019	8/7/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150648	93048-9617	E	DB	P	1/2"	1PS	779 Less than or equal Code 1	B	8/7/2019	8/7/2019	8/7/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150707	93101-4309	E	DB	UC	3/4"		339 Less than or equal Code 1	B	8/8/2019	8/8/2019	8/8/2019	1	20	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150725	90270	E	DB	P	1/2"	1CTS	462 Less than or equal Code 1	B	8/8/2019	8/8/2019	8/8/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150731	93292-9402	E	DB	P	2"		708 Less than or equal Code 1	B	8/8/2019	8/8/2019	8/8/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150734	90028-8104	E	MB	P	1"		338 Less than or equal Code 1	B	8/8/2019	8/8/2019	8/8/2019	1	145	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150790	92374	N	DB	P	1/2"	1PS	504 Less than or equal Code 1	B	8/9/2019	8/9/2019	8/9/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150834	92886-3922	E	DB	P	2"		577 Less than or equal Code 1	B	8/9/2019	8/9/2019	8/9/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150846	92231	E	DB	P	1/2"	1PS	420 Less than or equal Code 1	B	8/10/2019	8/10/2019	8/10/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150854	91780-1431	N	DB	P	1/2"	1PS	65 Less than or equal Code 1	B	8/11/2019	8/11/2019	8/11/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150856	91887-9527	N	MB	P	2"		493 Less than or equal Code 1	B	8/9/2019	8/9/2019	8/9/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150859	90242-1463	E	DB	P	1/2"	1PS	263 Less than or equal Code 1	B	8/12/2019	8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150977	91711	E	DB	P	1/2"	1PS	522 Less than or equal Code 1	B	8/12/2019	8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150990	92377-8132	E	DB	P	1/2"	1CTS	398 Less than or equal Code 1	B	8/12/2019	8/12/2019	8/12/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
150993	90023-2233	E	DB	P	1/2"	1PS	463 Less than or equal Code 1	B	8/13/2019	8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151002	92882-1119	E	DB	P	1"		11 Less than or equal Code 1	B	8/13/2019	8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151003	90080	E	DB	P	1"		479 Less than or equal Code 1	B	8/13/2019	8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151006	90087-2771	E	DB	P	1/2"	1PS	463 Less than or equal Code 1	B	8/13/2019	8/13/2019	8/13/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151014	90057	E	DB	P	1/2"	1PS	361 Less than or equal Code 1	B	8/14/2019	8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151018	93109-2304	E	DB	P	1/2"	1CTS	Less than or equal Code 1	B	8/14/2019	8/14/2019	8/14/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151023	93128	E	DB	P	43"		815 Less than or equal Code 1	B	8/15/2019	8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151027	93103-2446	E	DB	P			449 Less than or equal Code 1	B	8/15/2019	8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151028	93041-0527	E	DB	P	1"		18 Less than or equal Code 1	B	8/15/2019	8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151029	90150-8114	E	DB	P	1"		392 Less than or equal Code 1	B	8/15/2019	8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510305	92530	N	MB	P	2"		430 Less than or equal Code 1	B	8/15/2019	8/15/2019	8/15/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151034	92313-4944	E	DB	P	1"		632 Less than or equal Code 1	B	8/16/2019	8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151035	90084-1867	E	DB	P	1"		818 Less than or equal Code 1	B	8/16/2019	8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151038	93103	E	DB	P	1/2"	1CTS	28 Less than or equal Code 1	B	8/16/2019	8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
151039	92592-3083	E	DB	P	1/2"	1CTS	288 Less than or equal Code 1	B	8/16/2019	8/16/2019	8/16/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510402	92780-4507	N	MB	P	2"		434 Less than or equal Code 1	B	8/17/2019	8/17/2019	8/17/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510406	91406	E	DB	P	1/2"	1PS	314 Less than or equal Code 1	B	8/17/2019	8/17/2019	8/17/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510412	91401-2309	E	DB	P	1/2"	1CTS	468 Less than or equal Code 1	B	8/17/2019	8/17/2019	8/17/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510425	91202-2041	E	MB	P	1"		494 Less than or equal Code 1	B	8/18/2019	8/18/2019	8/18/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510471	91042-3022	E	DB	P	1/2"	1PS	261 Less than or equal Code 1	B	8/18/2019	8/18/2019	8/18/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510528	92705-1959	E	DB	P	1"		8 Less than or equal Code 1	B	8/19/2019	8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510635	92223	E	DB	P	1/2"	1PS	Less than or equal Code 1	B	8/19/2019	8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510641	90091	E	DB	P	1/2"	1PS	522 Less than or equal Code 1	B	8/19/2019	8/19/2019	8/19/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510669	93001	E	MB	P	4"		583 Less than or equal Code 1	B	8/20/2019	8/20/2019	8/20/2019	1	145	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510692	93463	N	DB	P	1"		561 Less than or equal Code 1	B	8/21/2019	8/21/2019	8/21/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510712	91057	E	DB	P	1/2"	1PS	6 Less than or equal Code 1	B	8/20/2019	8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510722	93015-9750	E	DB	P	1"		Less than or equal Code 1	B	8/21/2019	8/21/2019	8/21/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510723	92284	N	DB	P	1/2"	1CTS	496 Less than or equal Code 1	B	8/21/2019	8/21/2019	8/21/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510747	91057	E	DB	P	1/2"	1PS	6 Less than or equal Code 1	B	8/20/2019	8/20/2019	8/20/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510765	91291-5531	E	DB	P	1"		Less than or equal Code 1	B	8/21/2019	8/21/2019	8/21/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510768	92656-3031	E	MB	P	2"		393 Less than or equal Code 1	B	8/21/2019	8/21/2019	8/21/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510771	91056-3015	E	DB	P	1"		617 Less than or equal Code 1	B	8/21/2019	8/21/2019	8/21/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510812	93021-5187	N	MB	P	2"		507 Less than or equal Code 1	B	8/22/2019	8/22/2019	8/22/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510905	92240	E	DB	P	1/2"	1CTS	427 Less than or equal Code 1	B	8/23/2019	8/23/2019	8/23/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510907	92653-8046	E	DB	P	1/2"	1PS	964 Less than or equal Code 1	B	8/24/2019	8/24/2019	8/24/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510981	91710	E	DB	P	1/2"	1PS	12 Less than or equal Code 1	B	8/26/2019	8/26/2019	8/26/2019	1	19	Emision estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1510981	91710	E	DB	P	1/2"	1PS	12 Less than or equal Code 1	B	8/26/2019	8/26/2019	8			

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[illegible]

1924570 91744	N	MB	P	2"	411	Less than or equi	Code 1	B	12/19/2019	12/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924592 92075	N	DB	P	1/2" CTS	512	Less than or equi	Code 1	B	12/19/2019	12/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924602 92046	E	DB	P	1/2" CTS	490	Less than or equi	Code 1	B	12/19/2019	12/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924620 92704	N	DB	P	1/2" CTS	468	Less than or equi	Code 1	B	12/19/2019	12/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924626 92404	E	DB	P	2"	443	Less than or equi	Code 1	B	12/19/2019	12/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924643 90703	E	DB	P	1"	498	Less than or equi	Code 1	B	12/19/2019	12/19/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924647 93274	E	DB	P	1/2" CTS	226	Less than or equi	Code 1	B	12/18/2019	12/18/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924687 93013-2007	E	DB	P	1/2" IPS	892	Less than or equi	Code 1	B	12/20/2019	12/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924713 90640	E	DB	P	1/2" IPS	344	Less than or equi	Code 1	B	12/20/2019	12/20/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924857 92869-2113	E	DB	UC	3/4"	395	Less than or equi	Code 1	B	12/27/2019	12/27/2019	1	20	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924876 92509	E	DB	P	1/2" IPS	492	Less than or equi	Code 1	B	12/27/2019	12/27/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924892 90043	N	MB	P	2"	576	Less than or equi	Code 1	B	12/27/2019	12/27/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924918 93101-3008	E	DB	P	1/2" CTS	491	Less than or equi	Code 1	B	12/28/2019	12/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924923 93012	N	MB	P	2"	456	Less than or equi	Code 1	B	12/28/2019	12/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924945 93630-8801	E	DB	P	1/2" IPS		Less than or equi	Code 1	B	12/28/2019	12/28/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1924988 93101-3008	E	DB	P	1/2" CTS	491	Less than or equi	Code 1	B	12/30/2019	12/30/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1925002 93063-3945	E	DB	P	1/2" IPS	565	Less than or equi	Code 1	B	12/30/2019	12/30/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1925016 90249	E	MB	P	2"	416	Less than or equi	Code 1	B	12/30/2019	12/30/2019	1	19	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.

SoCalGas, June 14, 2019

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

In Response to Data Request, R15-01-008 2019 June Report Appendix 4; Rev. 03/29/19

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Distribution Main & Service Pipeline Blowdowns:

ID	Geographic Location	Number of Blowdown Events	Pipe Size (nominal) (in)	Length of Pipe (ft)	Pressure (psi)	Annual Emissions (Mscf)	Explanatory Notes / Comments
N/A	SoCalGas Territory	3,108	N/A	N/A	N/A	8.1	Distribution Odor Intensity Tests
N/A	SoCalGas Territory	5	N/A	N/A	N/A	7.5	Blowdowns purging for odorant
N/A	SoCalGas Territory	1	1	45	323	0.0	Abandoned HP Pipe
N/A	SoCalGas Territory	2	2	142	323	0.1	Abandoned HP Pipe
N/A	SoCalGas Territory	2	3	28	323	0.0	Abandoned HP Pipe
N/A	SoCalGas Territory	2	4	2825	323	6.0	Abandoned HP Pipe
N/A	SoCalGas Territory	1	6	10500	323	50.5	Abandoned HP Pipe
N/A	SoCalGas Territory	2	8	7895	322	67.2	Abandoned HP Pipe
N/A	SoCalGas Territory	2	10	1361	323	18.2	Abandoned HP Pipe
N/A	SoCalGas Territory	0	12	0	323	0.0	Abandoned HP Pipe
N/A	SoCalGas Territory	0	16	0	323	0.0	Abandoned HP Pipe
N/A	SoCalGas Territory	2	0.5	41	40	0.0	Abandoned MP Pipe
N/A	SoCalGas Territory	12	0.75	1976	40	0.0	Abandoned MP Pipe
N/A	SoCalGas Territory	54	1	15351	40	0.3	Abandoned MP Pipe
N/A	SoCalGas Territory	7	1.25	2061	40	0.1	Abandoned MP Pipe
N/A	SoCalGas Territory	1	1.5	133	40	0.0	Abandoned MP Pipe
N/A	SoCalGas Territory	692	2	330413	40	26.8	Abandoned MP Pipe
N/A	SoCalGas Territory	248	3	108698	40	19.8	Abandoned MP Pipe
N/A	SoCalGas Territory	210	4	102506	40	33.2	Abandoned MP Pipe

ID	Geographic Location	Number of Blowdown Events	Pipe Size (nominal) (in)	Length of Pipe (ft)	Pressure (psi)	Annual Emissions (Mscf)	Explanatory Notes / Comments
N/A	SoCalGas Territory	53	6	14421	40	10.5	Abandoned MP Pipe
N/A	SoCalGas Territory	19	8	2815	40	3.7	Abandoned MP Pipe
N/A	SoCalGas Territory	8	10	4403	40	8.9	Abandoned MP Pipe
N/A	SoCalGas Territory	4	12	3086	40	9.0	Abandoned MP Pipe
N/A	SoCalGas Territory	6	16	1448	40	7.5	Abandoned MP Pipe
N/A	SoCalGas Territory	6	1/2	284	40	0.0	Abandoned MP Service
N/A	SoCalGas Territory	9	3/4	58	40	0.0	Abandoned MP Service
N/A	SoCalGas Territory	35	1	1907	40	0.0	Abandoned MP Service
N/A	SoCalGas Territory	5	1 1/4	366	40	0.0	Abandoned MP Service
N/A	SoCalGas Territory	1	1.5	57	40	0.0	Abandoned MP Service
N/A	SoCalGas Territory	1267	2	83658	40	6.8	Abandoned MP Service
N/A	SoCalGas Territory	1	2 1/2	103	40	0.0	Abandoned MP Service
N/A	SoCalGas Territory	199	3	14806	40	2.7	Abandoned MP Service
N/A	SoCalGas Territory	176	4	14721	40	4.8	Abandoned MP Service
N/A	SoCalGas Territory	54	6	5316	40	3.9	Abandoned MP Service
N/A	SoCalGas Territory	10	6 5/8	438	40	0.4	Abandoned MP Service
N/A	SoCalGas Territory	9	8	1171	40	1.5	Abandoned MP Service
N/A	SoCalGas Territory	1	9	115	40	0.2	Abandoned MP Service
N/A	SoCalGas Territory	8	10	3105	40	6.3	Abandoned MP Service - Pipe size was corrected in 8-6-20
N/A	SoCalGas Territory	4	12	0	40	0.0	Abandoned MP Service
N/A	SoCalGas Territory	1	16	31	40	0.2	Abandoned MP Service

Sum Total

304

SoCalGas, June 15, 2020

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

In Response to Data Request, R15-01-008 2019 June Report

Appendix 4; Rev. 03/29/19

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Distribution Main & Service Pipeline Blowdowns:

ID	Geographic Location	Number of Blowdown Events	Pipe Size (nominal) (in)	Length of Pipe (ft)	Pressure (psi)	Annual Emissions (Mscf)	Explanatory Notes / Comments
N/A	SoCalGas Territory	2928	N/A	N/A	N/A	7.64	Distribution Odor Intensity Tests
N/A	SoCalGas Territory	7	N/A	N/A	N/A	2.68	Purging Activities
N/A	SoCalGas Territory	1	2	44	323	0.02	Abandoned HP Pipe
N/A	SoCalGas Territory	1	3	23	323	0.03	Abandoned HP Pipe
N/A	SoCalGas Territory	2	4	109	323	0.23	Abandoned HP Pipe
N/A	SoCalGas Territory	1	6	14	323	0.07	Abandoned HP Pipe
N/A	SoCalGas Territory	5	8	647	323	5.53	Abandoned HP Pipe
N/A	SoCalGas Territory	12	10	3977	323	53.09	Abandoned HP Pipe
N/A	SoCalGas Territory	8	12	2278	323	43.79	Abandoned HP Pipe
N/A	SoCalGas Territory	2	16	1366	323	46.68	Abandoned HP Pipe
N/A	SoCalGas Territory	1	20	115	323	6.14	Abandoned HP Pipe
N/A	SoCalGas Territory	1	0.5	404	40	0.00	Abandoned MP Pipe
N/A	SoCalGas Territory	3	0.75	604	40	0.01	Abandoned MP Pipe
N/A	SoCalGas Territory	42	1	10673	40	0.22	Abandoned MP Pipe
N/A	SoCalGas Territory	10	1.25	1967	40	0.06	Abandoned MP Pipe
N/A	SoCalGas Territory	1	1.5	315	40	0.01	Abandoned MP Pipe
N/A	SoCalGas Territory	569	2	281443	40	22.81	Abandoned MP Pipe
N/A	SoCalGas Territory	188	3	71112	40	12.97	Abandoned MP Pipe
N/A	SoCalGas Territory	163	4	67287	40	21.82	Abandoned MP Pipe
N/A	SoCalGas Territory	54	6	20212	40	14.75	Abandoned MP Pipe

ID	Geographic Location	Number of Blowdown Events	Pipe Size (nominal) (in)	Length of Pipe (ft)	Pressure (psi)	Annual Emissions (Mscf)	Explanatory Notes / Comments
N/A	SoCalGas Territory	21	8	11070	40	14.36	Abandoned MP Pipe
N/A	SoCalGas Territory	3	0.5	242	40	0.00	Abandoned MP Service
N/A	SoCalGas Territory	4	0.75	131	40	0.00	Abandoned MP Service
N/A	SoCalGas Territory	38	1	2234	40	0.05	Abandoned MP Service
N/A	SoCalGas Territory	6	1.25	202	40	0.01	Abandoned MP Service
N/A	SoCalGas Territory	1	1.5	18	40	0.00	Abandoned MP Service
N/A	SoCalGas Territory	1129	2	75578	40	6.13	Abandoned MP Service
N/A	SoCalGas Territory	208	3	14359	40	2.62	Abandoned MP Service
N/A	SoCalGas Territory	167	4	12282	40	3.98	Abandoned MP Service
N/A	SoCalGas Territory	49	6	4132	40	3.01	Abandoned MP Service
N/A	SoCalGas Territory	4	6.625	189	40	0.17	Abandoned MP Service
N/A	SoCalGas Territory	13	8	1336	40	1.73	Abandoned MP Service
N/A	SoCalGas Territory	2	10	177	323	2.36	Abandoned MP Service
N/A	SoCalGas Territory	5	12	259	323	4.98	Abandoned MP Service
N/A	SoCalGas Territory	1	16	268	323	9.16	Abandoned MP Service

Sum Total

287

SoCalGas, June 15, 2020

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

**In Response to Data Request, R15-01-008 2020 June Report
Appendix 4; Rev. 03/31/20**

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

The emissions captured on this tab represent the emissions associated with the operational design and function of the component. Any intentional release of natural gas for safety or maintenance purposes should be included on the Blowdowns worksheet.

Distribution Main & Service Pipeline Component Vented Emissions (see note above):

Total Number of Devices	Device Type	Bleed Rate	Manufacturer	Engineering or Manufacturer's based Estimate of Emissions	Annual Emissions (Mscf)	Explanatory Notes / Comments
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0

Sum Total - Provided as an example.

SoCalGas, June 15, 2020

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

In Response to Data Request, R15-01-008 2020 June Report
Appendix 4; Rev. 03/31/20

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

The emissions captured on this tab represent the emissions associated unintentional leaks that if repaired would not leaking. If the component is releasing gas or "bleeding" as a result of its design or function then it is not to be

Distribution Main & Service Pipeline Component Fugitive Leaks (see note above):

Total Number of Devices	Device Type	Bleed Rate	Manufacturer	Discovery Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Number of Days Leaking	Emission Factor (Mscf/day)	Annual Emission (Mscf)	Explanatory Notes / Comments
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Sum total

0 Provided as an example.

Appendix 4 - Rev. 03/31/20

Header column "Comment" boxes displayed below for reference.	
Column Heading	Description and Definition of Required Contents (IF not self-explanatory)
Pipeline Leaks	
ID	
Geographic Location	GIS, zip code, or equivalent
Pipe Classification	MA = distribution main, above ground MB = distribution main, below ground DA = distribution service, above ground DB = distribution service, below ground
Pipe Material	C = copper CI = cast iron P = plastics (Acetyl, ABS, PE, PVC, etc.) PB = cathodically protected steel, bare PC = cathodically protected steel, coated UB = unprotected steel, bare UC = unprotected steel, coated
Pipe Size (nominal)	
Pipe Age (months)	
Pressure (psi)	MOP = maximum operating pressure over the past year

Leak Grade	<p>If the utility uses grades for above ground leaks, it is unnecessary to use the AH,AN, or AM designations.</p> <p>1 = grade 1 2 = grade 2 2+ = grade 2+ 3 = grade 3 AH = Above Ground Hazardous synonymous with Grade 1. AN = Above Ground Non-Hazardous, synonymous with Grade 2 and 2+. AM = Above Ground Non-Hazardous Minor (akin to grade 3 below ground leak). N = non-graded or ungraded</p>
Upgraded Leak Grade or Downgraded Leak Grade	<p>U: Upgraded Leak such as a grade 2 or 3 leak that was surveyed again and changed designation to grade 1 or 2.</p> <p>D: downgraded leak, such as a grade 1 or 2 leak that was surveyed again and changed designation to grade 2 or 3.</p>
Above Ground or Below Ground	<p>A = Above Ground B = below ground</p>
Leak Discovery Method	<p>S = Routine Leak Survey (This discovery method should be parsed and the emissions summarized into leaks carried over from before 2016, and those detected in 2016. The totals for these subcategories should be carried over to column C43 through D63 on the Unsurveyed Pipeline Leaks tab.) M = O&M (E.G. O&M Activities, Third party reports, customer odor reports etc.) O = Other (This will be grouped with M in the summary categorization of leaks.)</p>
Discovery Date (MM/DD/YY)	

Re-Grade Date (MM/DD/YY)	
Repair Date (MM/DD/YY)	Date that the pipeline repair stopped the leak. Any associated blowdowns resulting from the repair should be included in the blowdowns tab.
Scheduled Repair Date (MM/DD/YY)	<p>If leak is open, specify the scheduled date of repair;</p> <p>Otherwise type "M," signifying that the leak is being monitored with no scheduled date of repair;</p> <p>Then, provide the reason for not scheduling a repair in Column P.</p>
Reason for Not Scheduling a Repair	If Repair Date is blank, and Scheduled Repair Date (Column O) = "M", then provide the reason for not scheduling a repair.
Number of Days Leaking	<p>If the leak was discovered by survey in the year of interest, then assume leaking from January 1st of subject year <u>thru</u> repair date or December 31st of subject year, which ever is earlier. (E.G. Days Leaking = Repair - Jan 1st + 1 day.)</p> <p>(For days leaking for leaks carried over use January 1st as start date for emissions calculations.)</p> <p>For O&M discovered leaks, assume that the leak begins with the discovery date <u>thru</u> repair date or December 31st of subject year, whichever is earlier.</p>
Number of Days to Repair	<p>Use only Repair-Discovery +1. Do not use January 1st for time to repair.</p> <p>For regraded leaks, use Repair Date - Regrade Date +1.</p>

Emission Factor (Mscf/Day)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	

Unsurveyed Pipeline Leaks	
2017 Emissions from O&M* Leaks Detected in 2016 (Mscf)	O&M Sources Include: O&M Activities Customer Odor Reports Third Party Reports and other
2017 Estimated Emissions from Unknown Leaks (Mscf)	Calculation based on the input from column J above.

Pipeline Leaks Summary	
Count of Leaks Carried over from Prior Year	Based on a leak start date prior to the first day of the year of interest.
Count of Leaks Discovered in the Year of Interest	The total number of leaks by grade or category discovered in the year of interest. If a leak is downgraded to not leaking, do not count it.
Count of Leaks Repaired in the Year of Interest	
Average Days to Repair Leaks	The average days to repair leaks should be baase on the formula: (Repair Date/Time minus Discovery Date/Time) plus (one day, unless using a discrete time stamp for leak repairs), then take the sum and divide by number of leaks repaired by grade to get the average days to repair.

Count of Estimated Unsurveyed Leaks in the Year of Interest	<p>For leaks identified in Unsurveyed areas extrapolate the proportion of leak counts by grade that were found in the respective areas based on the year or periods used to estimate the unsurveyed leak count.</p> <p>If the unsurveyed leak count was based on the current year leak count by grade detected then use the current proportion of graded leak count applied to the unsurveyed leaks.</p>
Count of Remaining Leaks at final day of the Year of Interest (12/31/xx)	This count is only of the actual leaks detected in the operator's system that have not been repaired as of 12/31 of the year of interest.
Emissions from Leaks Carried over from Prior Year.	<p>Based on a leak start date prior to the first day of the year of interest.</p> <p>This includes leaks discovered through O&M and survey activities.</p>
Emissions from Leaks Discovered in the Year of Interest.	<p>The total number of leaks by grade or category discovered in the year of interest.</p> <p>This includes leaks discovered through O&M and survey activities.</p>
Emissions from Estimated Unsurveyed Leaks in the Year of Interest	<p>The emissions by grade would be on the same basis that used to extrapolate the count of leaks in the unsurveyed areas.</p> <p>For example: For leaks identified in Unsurveyed areas extrapolate the proportion of leak emissions by grade that were found in the respective areas based on the year or periods used to estimate the unsurveyed leak count.</p> <p>If the unsurveyed leak count was based on the current year leaks detected then use the current proportion of graded leaks applied to the unsurveyed leak emissions.</p>
Total Emissions in the Year of Interest [Mscf of Natural Gas]	

All Damages

ID	
Geographic Location	GIS, zip code, or equivalent
Damage Type	E = excavation damage N = natural force damage O = other outside force damage
Pipe Classification	MA = distribution main, above ground MB = distribution main, below ground DA = distribution service, above ground DB = distribution service, below ground
Pipe Material	C = copper CI = cast iron P = plastics (Acetal, ABS, PE, PVC, etc.) PB = cathodically protected steel, bare PC = cathodically protected steel, coated UB = unprotected steel, bare UC = unprotected steel, coated
Pipe Size (nominal)	
Pipe Age (months)	
Pressure (psi)	MOP = maximum operating pressure over the past year
Leak Grade	1 = grade 1 2 = grade 2 2+ = grade 2+ 3 = grade 3 N = Non-Graded
Above Ground or Below Ground	AH = above ground, hazardous AN = above ground, non-hazardous B = below ground
Discovery Date (MM/DD/YY)	
Repair Date (MM/DD/YY)	

Number of Days Leaking	<p>If date and time stamp are reliable and used consistently by respondent, then emissions may be calculated based on actual time leaking. E.G. Repair time - damage event time = duration of event.</p> <p>If respondent has average or historical leak duration based on the nature and circumstances of damages, then these may be applied to like damage events. The emissions factors should be adequately supported and explained in the filing.</p> <p>If actual time stamps and historical averages are not available, then whole days should be used in the engineering calculation. The leak begins with the damage event date thru repair date or December 31st of subject year, whichever is later. E.G. Days Leaking = Repair date - date of damage + 1 day.</p>
Emission Factor or Engineering Estimate (Mscf/Day)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	

Blowdowns	
ID	
Geographic Location	GIS, zip code, or equivalent
Number of Blowdown Events	If counting a series of small blowdowns associated with services such as MSA replacement, or Service pipe of small diameter or section length then enter total and the formula in the explanation column.
Pipe Size (nominal)	
Length of Pipe	
Pressure (psi)	MOP = maximum operating pressure over the past year

Annual Emissions (Mscf)	
Explanatory Notes / Comments	

Component Vented Emissions	
Total Number of Devices	
Device Type	P = pneumatic device H = hydraulic valve operator T = turbine valve operator PR = pressure relief valve O = other devices
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
Engineering or Manufacturer's based Estimate of Emissions	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	

Component Leaks	
Total Number of Devices	
Device Type	P = pneumatic device H = hydraulic valve operator T = turbine valve operator PR = pressure relief valve O = other devices

Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
Discovery Date (MM/DD/YY)	List the actual discovery date. If the leak was discovered in the year of interest, then we will assume the component was leaking from the beginning of the year for emissions reporting purposes.
Repair Date (MM/DD/YY)	Date that the component repair stopped the leak. Any associated blowdowns as a result of the repair should be included in the blowdowns tab.
Number of Days Leaking	Assume Leaking from January 1 of subject year or prior survey date, whichever is later, thru the repair date (if repaired in year of interest) or December 31 of subject year, whichever is earlier. For O&M discovered leaks, assume that the leak begins with the discovery date <u>thru</u> repair date or December 31st of subject year, whichever is earlier.
Emission Factor (Mscf/day)	
Annual Emission (Mscf)	
Explanatory Notes / Comments	