

STATISTICAL SUMMARY OF THE ESTIMATED TOTAL E-COLI LOAD FROM THE ALBUQUERQUE MS4

PURPOSE

The purpose of this spreadsheet is to indicate if the flow conditions exist at the MS4 outfalls and the Rio Grande such that an exceedance of the Target WLA may have occurred. This spreadsheet is simply a statistical summary based on previously studied average monthly E. coli loading and does not take into account actual water quality monitoring results for the current Water Year. It is only a predictor/indicator and does not represent actual E. coli monitoring results.

ASSUMPTIONS

1) The total load can be provided as the sum of the five contributing representative outfalls: North Floodway, San Antonio Arroyo, San Jose Drain, Tijeras Arroyo, and the South Diversion Channel.

DATA USED

- 1) USGS Flow Data for the 5 Representative Outfalls, Water Year 2014 (Oct 1, 2014 to Sept 30, 2015).
- 2) USGS Flow Data for the Rio Grande at the Albuquerque Gage (NM08330000), Water Year 2015.
- 3) E-coli loads calculated using mean site adjusted E-coli data for the respective outfalls (CDM-Smith, Oct 2012).
- 4) Flow Conditions and Associated Waste Load Allocations (WLAs or Target Values) for Isleta Pueblo to Alameda Bridge from Table II.B, MS4 Permit NMS0000101.

Flow Cutoffs (cfs)	3360	929	664	319	0
Flow Condition	HIGH	MOIST	MID-RANGE	DRY	LOW
Target WLA	3.36E+11	8.41E+10	5.66E+10	2.09E+10	4.67E+09

SUMMARY

This is the fourth year for which the Albuquerque Metropolitan Area MS4 has submitted bacterial loads based upon E-coli rather than Fecal Coliform. Drought conditions, experienced in 2011 to 2013, were alleviated by storms in early July 2014. A relatively wet el Nino weather pattern emerged resulting in higher flows in the Rio Grande, categorized as "MID RANGE to MOIST" through much of WY2015, rather than the "LOW" category flows experienced in previous years. Loads at each of the 5 monitoring locations as well as the total load were well below the target waste load allocation (WLA). The largest computed load occurred on August 2 and resulted in a load that was 5% of the target WLA.

The co-permittees will continue work together in notifying the public about the potential health hazards from coming into contact with river water that exceeds daily loads. Because these excessive loads occur during rain events, human health advisories will be published on websites (City and the Stormwater Quality Team) on days of predicted rain events. These advisories will supplement the existing warnings to stay out of the Rio Grande during rain events because of the potential for drowning due to deadly undertows and currents.

Year	Month	Day	North Floodway	San Antonio	San Jose	Tijeras Arroyo	SDC	TOTAL LOAD	RG at ABQ	Flow Condition	Target WLA	Comparison of Calculated w/ Target if YES, Exceedance	Comparison of Calculated as a % of Target WLA
			Calculated E-Coli Load	Calculated E-Coli Load	Calculated E-Coli Load	Calculated E-Coli Load	Calculated E-Coli Load		Flow Daily Mean				
			cfu/day	cfu/day	cfu/day	cfu/day	cfu/day	cfu/day	CFS				
2014	10	1	4.42E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E+06	122	LOW	4.67E+09	NO	0%
2014	10	2	4.11E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+06	158	LOW	4.67E+09	NO	0%
2014	10	3	4.42E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E+06	132	LOW	4.67E+09	NO	0%
2014	10	4	2.27E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+06	131	LOW	4.67E+09	NO	0%
2014	10	5	6.95E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E+05	123	LOW	4.67E+09	NO	0%
2014	10	6	1.58E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+05	123	LOW	4.67E+09	NO	0%
2014	10	7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	125	LOW	4.67E+09	NO	0%
2014	10	8	1.36E+06	0.00E+00	0.00E+00	4.94E+04	0.00E+00	1.41E+06	131	LOW	4.67E+09	NO	0%
2014	10	9	2.75E+06	0.00E+00	0.00E+00	3.46E+06	3.57E+04	6.24E+06	148	LOW	4.67E+09	NO	0%
2014	10	10	4.42E+07	0.00E+00	0.00E+00	1.04E+06	0.00E+00	4.52E+07	205	LOW	4.67E+09	NO	1%
2014	10	11	1.42E+07	0.00E+00	0.00E+00	2.47E+04	0.00E+00	1.42E+07	314	LOW	4.67E+09	NO	0%
2014	10	12	1.01E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+07	330	DRY	2.09E+10	NO	0%
2014	10	13	8.84E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E+06	308	LOW	4.67E+09	NO	0%
2014	10	14	4.42E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E+06	288	LOW	4.67E+09	NO	0%
2014	10	15	3.47E+06	0.00E+00	0.00E+00	0.00E+00	1.32E+07	1.67E+07	347	DRY	2.09E+10	NO	0%
2014	10	16	1.58E+06	0.00E+00	0.00E+00	0.00E+00	5.00E+06	6.58E+06	400	DRY	2.09E+10	NO	0%

2013 Bacterial TMDL Loading Report - Albuquerque MS4

Year	Month	Day	North Floodway	San Antonio	San Jose	Tijeras Arroyo	SDC	TOTAL LOAD	RG at ABQ	Flow	Flow	Target	of Calculated	Comparison
			Calculated	Calculated	Calculated	Calculated	Calculated		Daily Mean					
			E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load			CFS	Condition	WLA	if YES,	as a % of
			cfu/day	cfu/day	cfu/day	cfu/day	cfu/day						Exceedance	Target WLA
2014	10	17	8.21E+05	0.00E+00	0.00E+00	0.00E+00	1.39E+06	2.21E+06	387	DRY	2.09E+10	NO	0%	
2014	10	18	7.26E+05	0.00E+00	0.00E+00	0.00E+00	3.57E+04	7.62E+05	336	DRY	2.09E+10	NO	0%	
2014	10	19	3.16E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E+06	324	DRY	2.09E+10	NO	0%	
2014	10	20	3.47E+06	0.00E+00	2.53E+07	4.94E+06	3.36E+07	6.73E+07	362	DRY	2.09E+10	NO	0%	
2014	10	21	3.47E+06	3.35E+05	4.28E+06	2.05E+06	7.51E+06	1.76E+07	361	DRY	2.09E+10	NO	0%	
2014	10	22	2.59E+06	0.00E+00	0.00E+00	2.47E+05	4.65E+05	3.30E+06	326	DRY	2.09E+10	NO	0%	
2014	10	23	2.37E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+06	328	DRY	2.09E+10	NO	0%	
2014	10	24	3.79E+06	0.00E+00	1.01E+06	0.00E+00	0.00E+00	4.80E+06	332	DRY	2.09E+10	NO	0%	
2014	10	25	3.47E+07	0.00E+00	6.90E+05	0.00E+00	0.00E+00	3.54E+07	290	LOW	4.67E+09	NO	1%	
2014	10	26	8.53E+06	0.00E+00	5.06E+05	0.00E+00	0.00E+00	9.03E+06	264	LOW	4.67E+09	NO	0%	
2014	10	27	7.26E+06	0.00E+00	7.36E+05	0.00E+00	0.00E+00	8.00E+06	277	LOW	4.67E+09	NO	0%	
2014	10	28	6.32E+06	0.00E+00	0.00E+00	2.97E+05	0.00E+00	6.61E+06	294	LOW	4.67E+09	NO	0%	
2014	10	29	3.79E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E+06	311	LOW	4.67E+09	NO	0%	
2014	10	30	8.21E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E+06	327	DRY	2.09E+10	NO	0%	
2014	10	31	5.68E+06	0.00E+00	2.30E+05	0.00E+00	0.00E+00	5.91E+06	352	DRY	2.09E+10	NO	0%	
2014	11	1	1.43E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+06	392	DRY	2.09E+10	NO	0%	
2014	11	2	3.02E+05	0.00E+00	1.19E+06	4.12E+06	0.00E+00	5.61E+06	419	DRY	2.09E+10	NO	0%	
2014	11	3	0.00E+00	0.00E+00	0.00E+00	6.12E+06	8.98E+05	7.02E+06	464	DRY	2.09E+10	NO	0%	
2014	11	4	1.59E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+04	465	DRY	2.09E+10	NO	0%	
2014	11	5	7.32E+07	0.00E+00	0.00E+00	0.00E+00	4.31E+05	7.36E+07	480	DRY	2.09E+10	NO	0%	
2014	11	6	4.30E+06	0.00E+00	0.00E+00	0.00E+00	3.95E+06	8.25E+06	593	DRY	2.09E+10	NO	0%	
2014	11	7	3.18E+06	0.00E+00	0.00E+00	0.00E+00	9.52E+05	4.13E+06	576	DRY	2.09E+10	NO	0%	
2014	11	8	3.98E+06	0.00E+00	0.00E+00	0.00E+00	5.75E+05	4.55E+06	561	DRY	2.09E+10	NO	0%	
2014	11	9	5.25E+06	0.00E+00	0.00E+00	0.00E+00	4.31E+05	5.68E+06	585	DRY	2.09E+10	NO	0%	
2014	11	10	4.61E+06	0.00E+00	0.00E+00	0.00E+00	1.80E+05	4.79E+06	583	DRY	2.09E+10	NO	0%	
2014	11	11	3.66E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E+06	623	DRY	2.09E+10	NO	0%	
2014	11	12	2.55E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+06	647	DRY	2.09E+10	NO	0%	
2014	11	13	3.98E+06	0.00E+00	0.00E+00	1.62E+06	0.00E+00	5.60E+06	628	DRY	2.09E+10	NO	0%	
2014	11	14	4.77E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+06	599	DRY	2.09E+10	NO	0%	
2014	11	15	7.32E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E+06	566	DRY	2.09E+10	NO	0%	
2014	11	16	6.84E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E+07	641	DRY	2.09E+10	NO	0%	
2014	11	17	5.25E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E+06	631	DRY	2.09E+10	NO	0%	
2014	11	18	3.98E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E+06	658	DRY	2.09E+10	NO	0%	
2014	11	19	5.41E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E+06	678	MID-RANGE	5.66E+10	NO	0%	
2014	11	20	5.73E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E+07	717	MID-RANGE	5.66E+10	NO	0%	
2014	11	21	3.02E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E+07	737	MID-RANGE	5.66E+10	NO	0%	
2014	11	22	1.29E+08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+08	741	MID-RANGE	5.66E+10	NO	0%	
2014	11	23	1.00E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+07	747	MID-RANGE	5.66E+10	NO	0%	
2014	11	24	1.42E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+07	752	MID-RANGE	5.66E+10	NO	0%	
2014	11	25	9.07E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E+06	751	MID-RANGE	5.66E+10	NO	0%	
2014	11	26	7.48E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E+06	758	MID-RANGE	5.66E+10	NO	0%	
2014	11	27	6.84E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E+06	748	MID-RANGE	5.66E+10	NO	0%	
2014	11	28	8.91E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E+06	751	MID-RANGE	5.66E+10	NO	0%	
2014	11	29	6.52E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E+06	758	MID-RANGE	5.66E+10	NO	0%	
2014	11	30	7.96E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E+06	777	MID-RANGE	5.66E+10	NO	0%	

2013 Bacterial TMDL Loading Report - Albuquerque MS4

Year	Month	Day	North Floodway	San Antonio	San Jose	Tijeras Arroyo	SDC	TOTAL LOAD	RG at ABQ	Flow	Flow	Target	of Calculated	Comparison
			Calculated	Calculated	Calculated	Calculated	Calculated		Daily Mean					
			E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load				Exceedance	as a % of		
			cfu/day	cfu/day	cfu/day	cfu/day	cfu/day					Target WLA		
2014	12	1	4.08E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E+06	762	MID-RANGE	5.66E+10	NO	0%	
2014	12	2	3.71E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E+06	751	MID-RANGE	5.66E+10	NO	0%	
2014	12	3	4.26E+06	0.00E+00	0.00E+00	4.54E+05	1.03E+04	4.72E+06	746	MID-RANGE	5.66E+10	NO	0%	
2014	12	4	4.89E+06	2.85E+05	3.30E+06	4.90E+06	3.39E+07	4.73E+07	837	MID-RANGE	5.66E+10	NO	0%	
2014	12	5	2.90E+07	7.54E+04	0.00E+00	4.19E+06	8.02E+06	4.13E+07	927	MID-RANGE	5.66E+10	NO	0%	
2014	12	6	9.06E+06	0.00E+00	0.00E+00	6.39E+04	2.88E+06	1.20E+07	862	MID-RANGE	5.66E+10	NO	0%	
2014	12	7	4.80E+06	0.00E+00	4.63E+05	7.81E+05	2.26E+06	8.31E+06	870	MID-RANGE	5.66E+10	NO	0%	
2014	12	8	6.61E+06	0.00E+00	0.00E+00	0.00E+00	2.06E+06	8.67E+06	872	MID-RANGE	5.66E+10	NO	0%	
2014	12	9	6.07E+06	0.00E+00	0.00E+00	0.00E+00	2.06E+06	8.12E+06	862	MID-RANGE	5.66E+10	NO	0%	
2014	12	10	7.88E+06	0.00E+00	0.00E+00	0.00E+00	2.06E+06	9.94E+06	859	MID-RANGE	5.66E+10	NO	0%	
2014	12	11	2.08E+07	0.00E+00	0.00E+00	0.00E+00	2.06E+06	2.29E+07	860	MID-RANGE	5.66E+10	NO	0%	
2014	12	12	1.36E+07	0.00E+00	0.00E+00	0.00E+00	1.95E+06	1.55E+07	849	MID-RANGE	5.66E+10	NO	0%	
2014	12	13	9.06E+06	0.00E+00	2.12E+06	7.10E+05	2.36E+06	1.42E+07	851	MID-RANGE	5.66E+10	NO	0%	
2014	12	14	2.81E+06	2.69E+04	1.31E+06	1.70E+06	1.34E+07	1.92E+07	926	MID-RANGE	5.66E+10	NO	0%	
2014	12	15	1.81E+06	5.39E+03	0.00E+00	0.00E+00	1.95E+06	3.77E+06	818	MID-RANGE	5.66E+10	NO	0%	
2014	12	16	1.81E+06	0.00E+00	0.00E+00	1.92E+05	4.32E+05	2.44E+06	824	MID-RANGE	5.66E+10	NO	0%	
2014	12	17	1.90E+06	4.85E+04	3.04E+05	1.06E+06	3.08E+04	3.35E+06	836	MID-RANGE	5.66E+10	NO	0%	
2014	12	18	2.26E+06	4.85E+04	0.00E+00	1.28E+05	1.75E+06	4.19E+06	782	MID-RANGE	5.66E+10	NO	0%	
2014	12	19	2.45E+06	1.08E+04	0.00E+00	2.13E+04	1.95E+06	4.43E+06	759	MID-RANGE	5.66E+10	NO	0%	
2014	12	20	2.54E+06	0.00E+00	0.00E+00	0.00E+00	1.85E+06	4.39E+06	759	MID-RANGE	5.66E+10	NO	0%	
2014	12	21	4.53E+07	0.00E+00	0.00E+00	0.00E+00	1.85E+06	4.71E+07	771	MID-RANGE	5.66E+10	NO	0%	
2014	12	22	7.06E+06	0.00E+00	0.00E+00	0.00E+00	2.26E+06	9.33E+06	770	MID-RANGE	5.66E+10	NO	0%	
2014	12	23	3.08E+06	0.00E+00	0.00E+00	0.00E+00	1.54E+06	4.62E+06	626	DRY	2.09E+10	NO	0%	
2014	12	24	3.62E+06	0.00E+00	0.00E+00	0.00E+00	1.23E+06	4.86E+06	602	DRY	2.09E+10	NO	0%	
2014	12	25	3.08E+06	0.00E+00	0.00E+00	0.00E+00	3.39E+05	3.42E+06	598	DRY	2.09E+10	NO	0%	
2014	12	26	3.17E+06	0.00E+00	0.00E+00	3.98E+06	2.06E+04	7.17E+06	603	DRY	2.09E+10	NO	0%	
2014	12	27	2.99E+06	0.00E+00	0.00E+00	0.00E+00	4.11E+04	3.03E+06	607	DRY	2.09E+10	NO	0%	
2014	12	28	4.17E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E+06	597	DRY	2.09E+10	NO	0%	
2014	12	29	6.61E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E+06	594	DRY	2.09E+10	NO	0%	
2014	12	30	3.80E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E+06	450	DRY	2.09E+10	NO	0%	
2014	12	31	3.35E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E+06	381	DRY	2.09E+10	NO	0%	
2015	1	1	2.17E+06	0.00E+00	0.00E+00	4.47E+05	0.00E+00	2.62E+06	349	DRY	2.09E+10	NO	0%	
2015	1	2	1.72E+06	0.00E+00	0.00E+00	9.94E+05	0.00E+00	2.71E+06	333	DRY	2.09E+10	NO	0%	
2015	1	3	2.45E+06	0.00E+00	0.00E+00	4.26E+06	0.00E+00	6.71E+06	327	DRY	2.09E+10	NO	0%	
2015	1	4	2.45E+06	0.00E+00	0.00E+00	4.97E+06	0.00E+00	7.41E+06	318	LOW	4.67E+09	NO	0%	
2015	1	5	1.81E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+06	337	DRY	2.09E+10	NO	0%	
2015	1	6	1.36E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+06	418	DRY	2.09E+10	NO	0%	
2015	1	7	1.81E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+06	483	DRY	2.09E+10	NO	0%	
2015	1	8	4.08E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E+06	604	DRY	2.09E+10	NO	0%	
2015	1	9	3.08E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+06	662	DRY	2.09E+10	NO	0%	
2015	1	10	3.44E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E+06	660	DRY	2.09E+10	NO	0%	
2015	1	11	2.35E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+06	671	MID-RANGE	5.66E+10	NO	0%	
2015	1	12	2.35E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+06	675	MID-RANGE	5.66E+10	NO	0%	
2015	1	13	2.08E+06	0.00E+00	0.00E+00	1.99E+06	0.00E+00	4.07E+06	618	DRY	2.09E+10	NO	0%	
2015	1	14	2.35E+06	0.00E+00	1.59E+05	4.40E+06	0.00E+00	6.92E+06	594	DRY	2.09E+10	NO	0%	

2013 Bacterial TMDL Loading Report - Albuquerque MS4

Year	Month	Day	North Floodway	San Antonio	San Jose	Tijeras Arroyo	SDC	TOTAL LOAD	RG at ABQ	Flow	Flow	Target	of Calculated	Comparison
			Calculated	Calculated	Calculated	Calculated	Calculated		Daily Mean					
			E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load							
			cfu/day	cfu/day	cfu/day	cfu/day	cfu/day				CFS		Exceedance	as a % of
													Target WLA	Target WLA
2015	1	15	2.99E+06	0.00E+00	0.00E+00	2.48E+05	0.00E+00	3.24E+06	584	DRY	2.09E+10	NO	0%	
2015	1	16	2.45E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+06	578	DRY	2.09E+10	NO	0%	
2015	1	17	2.54E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E+06	590	DRY	2.09E+10	NO	0%	
2015	1	18	2.81E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E+06	600	DRY	2.09E+10	NO	0%	
2015	1	19	1.81E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+06	606	DRY	2.09E+10	NO	0%	
2015	1	20	1.90E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+06	607	DRY	2.09E+10	NO	0%	
2015	1	21	2.17E+06	0.00E+00	9.12E+05	4.12E+06	0.00E+00	7.20E+06	621	DRY	2.09E+10	NO	0%	
2015	1	22	2.17E+06	4.85E+04	1.32E+05	1.42E+06	1.03E+06	4.80E+06	642	DRY	2.09E+10	NO	0%	
2015	1	23	1.45E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+06	606	DRY	2.09E+10	NO	0%	
2015	1	24	1.36E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+06	606	DRY	2.09E+10	NO	0%	
2015	1	25	3.89E+06	1.08E+04	0.00E+00	0.00E+00	0.00E+00	3.91E+06	607	DRY	2.09E+10	NO	0%	
2015	1	26	4.08E+06	1.08E+04	0.00E+00	0.00E+00	0.00E+00	4.09E+06	618	DRY	2.09E+10	NO	0%	
2015	1	27	2.17E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+06	624	DRY	2.09E+10	NO	0%	
2015	1	28	1.90E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+06	645	DRY	2.09E+10	NO	0%	
2015	1	29	2.99E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+06	659	DRY	2.09E+10	NO	0%	
2015	1	30	3.17E+06	1.83E+05	4.89E+05	1.21E+07	1.03E+06	1.69E+07	704	MID-RANGE	5.66E+10	NO	0%	
2015	1	31	3.80E+06	3.23E+05	9.78E+05	1.42E+07	1.03E+06	2.03E+07	732	MID-RANGE	5.66E+10	NO	0%	
2015	2	1	3.18E+06	1.10E+05	0.00E+00	9.13E+06	0.00E+00	1.24E+07	644	DRY	2.09E+10	NO	0%	
2015	2	2	2.42E+06	3.67E+04	0.00E+00	2.91E+06	0.00E+00	5.37E+06	632	DRY	2.09E+10	NO	0%	
2015	2	3	2.42E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+06	625	DRY	2.09E+10	NO	0%	
2015	2	4	2.42E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+07	619	DRY	2.09E+10	NO	0%	
2015	2	5	5.22E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E+06	618	DRY	2.09E+10	NO	0%	
2015	2	6	2.42E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+06	617	DRY	2.09E+10	NO	0%	
2015	2	7	2.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+06	641	DRY	2.09E+10	NO	0%	
2015	2	8	1.16E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+06	673	MID-RANGE	5.66E+10	NO	0%	
2015	2	9	1.65E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+06	657	DRY	2.09E+10	NO	0%	
2015	2	10	2.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+06	704	MID-RANGE	5.66E+10	NO	0%	
2015	2	11	4.46E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E+06	714	MID-RANGE	5.66E+10	NO	0%	
2015	2	12	1.65E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+06	715	MID-RANGE	5.66E+10	NO	0%	
2015	2	13	3.82E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+06	697	MID-RANGE	5.66E+10	NO	0%	
2015	2	14	2.80E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+06	769	MID-RANGE	5.66E+10	NO	0%	
2015	2	15	2.42E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+06	813	MID-RANGE	5.66E+10	NO	0%	
2015	2	16	1.78E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+06	797	MID-RANGE	5.66E+10	NO	0%	
2015	2	17	8.78E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E+05	781	MID-RANGE	5.66E+10	NO	0%	
2015	2	18	7.26E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E+05	764	MID-RANGE	5.66E+10	NO	0%	
2015	2	19	5.47E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E+05	756	MID-RANGE	5.66E+10	NO	0%	
2015	2	20	1.02E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+05	761	MID-RANGE	5.66E+10	NO	0%	
2015	2	21	7.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E+04	764	MID-RANGE	5.66E+10	NO	0%	
2015	2	22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	762	MID-RANGE	5.66E+10	NO	0%	
2015	2	23	1.27E+05	0.00E+00	0.00E+00	5.92E+06	0.00E+00	6.05E+06	749	MID-RANGE	5.66E+10	NO	0%	
2015	2	24	0.00E+00	7.34E+04	0.00E+00	2.91E+06	0.00E+00	2.98E+06	749	MID-RANGE	5.66E+10	NO	0%	
2015	2	25	4.84E+05	1.18E+05	0.00E+00	0.00E+00	0.00E+00	6.01E+05	784	MID-RANGE	5.66E+10	NO	0%	
2015	2	26	3.95E+05	7.34E+03	0.00E+00	2.91E+05	0.00E+00	6.93E+05	649	DRY	2.09E+10	NO	0%	
2015	2	27	7.64E+05	4.41E+04	0.00E+00	4.52E+06	0.00E+00	5.32E+06	491	DRY	2.09E+10	NO	0%	
2015	2	28	8.66E+05	3.16E+05	2.42E+06	5.52E+06	1.44E+07	2.36E+07	468	DRY	2.09E+10	NO	0%	

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Year	Month	Day	North Floodway	San Antonio	San Jose	Tijeras Arroyo	SDC	TOTAL LOAD	RG at ABQ	Flow	Flow	Target	of Calculated	Comparison
			Calculated	Calculated	Calculated	Calculated	Calculated		Daily Mean					
			E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load				Flow	Target	if YES,	as a % of
			cfu/day	cfu/day	cfu/day	cfu/day	cfu/day				CFS	WLA	Exceedance	Target WLA
2015	3	1	6.27E+06	1.27E+05	9.74E+05	2.47E+05	2.00E+06	9.62E+06	500	DRY	2.09E+10	NO	0%	
2015	3	2	1.72E+07	3.45E+04	0.00E+00	0.00E+00	3.75E+05	1.76E+07	483	DRY	2.09E+10	NO	0%	
2015	3	3	1.96E+06	8.05E+04	0.00E+00	0.00E+00	0.00E+00	2.04E+06	648	DRY	2.09E+10	NO	0%	
2015	3	4	2.35E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+06	702	MID-RANGE	5.66E+10	NO	0%	
2015	3	5	9.40E+06	0.00E+00	0.00E+00	0.00E+00	7.49E+05	1.01E+07	669	MID-RANGE	5.66E+10	NO	0%	
2015	3	6	1.33E+06	0.00E+00	0.00E+00	0.00E+00	2.20E+04	1.35E+06	655	DRY	2.09E+10	NO	0%	
2015	3	7	1.66E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+06	648	DRY	2.09E+10	NO	0%	
2015	3	8	2.15E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+05	667	MID-RANGE	5.66E+10	NO	0%	
2015	3	9	3.92E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E+04	643	DRY	2.09E+10	NO	0%	
2015	3	10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	576	DRY	2.09E+10	NO	0%	
2015	3	11	1.45E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+06	553	DRY	2.09E+10	NO	0%	
2015	3	12	5.09E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E+06	555	DRY	2.09E+10	NO	0%	
2015	3	13	4.50E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E+05	577	DRY	2.09E+10	NO	0%	
2015	3	14	9.60E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E+07	585	DRY	2.09E+10	NO	0%	
2015	3	15	5.48E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+07	614	DRY	2.09E+10	NO	0%	
2015	3	16	7.05E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E+06	605	DRY	2.09E+10	NO	0%	
2015	3	17	6.85E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E+06	820	MID-RANGE	5.66E+10	NO	0%	
2015	3	18	2.15E+06	0.00E+00	2.00E+05	2.31E+05	0.00E+00	2.59E+06	908	MID-RANGE	5.66E+10	NO	0%	
2015	3	19	1.72E+06	0.00E+00	2.86E+05	0.00E+00	0.00E+00	2.01E+06	939	MOIST	8.41E+10	NO	0%	
2015	3	20	4.90E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E+06	1010	MOIST	8.41E+10	NO	0%	
2015	3	21	3.72E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E+06	1600	MOIST	8.41E+10	NO	0%	
2015	3	22	4.50E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E+06	1660	MOIST	8.41E+10	NO	0%	
2015	3	23	2.74E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+06	1700	MOIST	8.41E+10	NO	0%	
2015	3	24	2.15E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+06	1750	MOIST	8.41E+10	NO	0%	
2015	3	25	4.11E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+06	1720	MOIST	8.41E+10	NO	0%	
2015	3	26	5.48E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+06	1720	MOIST	8.41E+10	NO	0%	
2015	3	27	2.55E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+06	1730	MOIST	8.41E+10	NO	0%	
2015	3	28	2.55E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+06	1550	MOIST	8.41E+10	NO	0%	
2015	3	29	2.35E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+06	1530	MOIST	8.41E+10	NO	0%	
2015	3	30	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1520	MOIST	8.41E+10	NO	0%	
2015	3	31	5.68E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+05	1500	MOIST	8.41E+10	NO	0%	
2015	4	1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1740	MOIST	8.41E+10	NO	0%	
2015	4	2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1760	MOIST	8.41E+10	NO	0%	
2015	4	3	3.17E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E+06	1810	MOIST	8.41E+10	NO	0%	
2015	4	4	2.05E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+06	1620	MOIST	8.41E+10	NO	0%	
2015	4	5	0.00E+00	0.00E+00	3.86E+06	0.00E+00	0.00E+00	3.86E+06	1580	MOIST	8.41E+10	NO	0%	
2015	4	6	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1550	MOIST	8.41E+10	NO	0%	
2015	4	7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1050	MOIST	8.41E+10	NO	0%	
2015	4	8	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	960	MOIST	8.41E+10	NO	0%	
2015	4	9	6.19E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E+06	944	MOIST	8.41E+10	NO	0%	
2015	4	10	3.52E+06	0.00E+00	3.98E+05	0.00E+00	0.00E+00	3.92E+06	736	MID-RANGE	5.66E+10	NO	0%	
2015	4	11	4.64E+05	0.00E+00	7.38E+05	0.00E+00	0.00E+00	1.20E+06	680	MID-RANGE	5.66E+10	NO	0%	
2015	4	12	1.28E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+06	633	DRY	2.09E+10	NO	0%	
2015	4	13	2.48E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+06	636	DRY	2.09E+10	NO	0%	
2015	4	14	4.25E+05	0.00E+00	5.68E+04	0.00E+00	0.00E+00	4.82E+05	634	DRY	2.09E+10	NO	0%	

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Year	Month	Day	North Floodway	San Antonio	San Jose	Tijeras Arroyo	SDC	TOTAL LOAD	RG at ABQ	Flow	Flow	Target	of Calculated	Comparison
			Calculated	Calculated	Calculated	Calculated	Calculated		Daily Mean					
			E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load			CFS			if YES,	as a % of
			cfu/day	cfu/day	cfu/day	cfu/day	cfu/day	cfu/day					Exceedance	Target WLA
2015	4	15	2.01E+06	0.00E+00	4.54E+05	0.00E+00	0.00E+00	2.47E+06	583	DRY	2.09E+10	NO	0%	
2015	4	16	1.74E+06	0.00E+00	3.98E+05	0.00E+00	0.00E+00	2.14E+06	610	DRY	2.09E+10	NO	0%	
2015	4	17	1.51E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+06	581	DRY	2.09E+10	NO	0%	
2015	4	18	2.40E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+06	610	DRY	2.09E+10	NO	0%	
2015	4	19	5.03E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E+07	627	DRY	2.09E+10	NO	0%	
2015	4	20	5.03E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E+07	619	DRY	2.09E+10	NO	0%	
2015	4	21	8.12E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E+06	611	DRY	2.09E+10	NO	0%	
2015	4	22	4.64E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+06	585	DRY	2.09E+10	NO	0%	
2015	4	23	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	568	DRY	2.09E+10	NO	0%	
2015	4	24	3.17E+06	0.00E+00	1.02E+06	6.37E+06	0.00E+00	1.06E+07	556	DRY	2.09E+10	NO	0%	
2015	4	25	4.64E+06	0.00E+00	0.00E+00	3.64E+05	0.00E+00	5.01E+06	567	DRY	2.09E+10	NO	0%	
2015	4	26	4.64E+06	4.33E+06	1.48E+07	1.06E+07	1.14E+07	4.58E+07	661	DRY	2.09E+10	NO	0%	
2015	4	27	1.93E+06	8.20E+05	0.00E+00	4.25E+06	1.40E+06	8.41E+06	680	MID-RANGE	5.66E+10	NO	0%	
2015	4	28	2.32E+05	5.92E+05	3.12E+06	0.00E+00	0.00E+00	3.95E+06	648	DRY	2.09E+10	NO	0%	
2015	4	29	3.87E+04	1.37E+05	6.82E+05	0.00E+00	0.00E+00	8.57E+05	620	DRY	2.09E+10	NO	0%	
2015	4	30	1.62E+06	0.00E+00	5.11E+05	0.00E+00	0.00E+00	2.14E+06	584	DRY	2.09E+10	NO	0%	
2015	5	1	0.00E+00	0.00E+00	2.33E+06	0.00E+00	0.00E+00	2.33E+06	578	DRY	2.09E+10	NO	0%	
2015	5	2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	575	DRY	2.09E+10	NO	0%	
2015	5	3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	566	DRY	2.09E+10	NO	0%	
2015	5	4	0.00E+00	1.93E+06	6.42E+07	1.10E+08	3.50E+08	5.26E+08	636	DRY	2.09E+10	NO	3%	
2015	5	5	0.00E+00	1.64E+06	1.46E+07	5.72E+07	2.71E+07	1.00E+08	819	MID-RANGE	5.66E+10	NO	0%	
2015	5	6	0.00E+00	9.36E+05	0.00E+00	1.18E+07	3.39E+06	1.61E+07	619	DRY	2.09E+10	NO	0%	
2015	5	7	0.00E+00	1.76E+05	0.00E+00	2.59E+06	7.90E+05	3.55E+06	977	MOIST	8.41E+10	NO	0%	
2015	5	8	9.99E+04	0.00E+00	0.00E+00	0.00E+00	1.13E+05	2.13E+05	1040	MOIST	8.41E+10	NO	0%	
2015	5	9	3.30E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E+06	1010	MOIST	8.41E+10	NO	0%	
2015	5	10	4.49E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E+06	885	MID-RANGE	5.66E+10	NO	0%	
2015	5	11	3.00E+05	0.00E+00	3.36E+06	0.00E+00	0.00E+00	3.66E+06	846	MID-RANGE	5.66E+10	NO	0%	
2015	5	12	0.00E+00	0.00E+00	0.00E+00	1.57E+06	0.00E+00	1.57E+06	817	MID-RANGE	5.66E+10	NO	0%	
2015	5	13	2.50E+06	1.58E+06	9.19E+06	6.27E+06	1.92E+06	2.15E+07	921	MID-RANGE	5.66E+10	NO	0%	
2015	5	14	6.19E+06	6.44E+05	0.00E+00	0.00E+00	0.00E+00	6.84E+06	836	MID-RANGE	5.66E+10	NO	0%	
2015	5	15	8.69E+06	1.35E+07	2.33E+06	5.88E+06	0.00E+00	3.04E+07	759	MID-RANGE	5.66E+10	NO	0%	
2015	5	16	8.59E+06	5.32E+06	3.79E+06	1.25E+07	4.74E+06	3.50E+07	867	MID-RANGE	5.66E+10	NO	0%	
2015	5	17	1.80E+07	1.05E+06	0.00E+00	0.00E+00	4.51E+05	1.95E+07	882	MID-RANGE	5.66E+10	NO	0%	
2015	5	18	1.80E+06	2.34E+05	1.46E+05	3.13E+06	0.00E+00	5.31E+06	1070	MOIST	8.41E+10	NO	0%	
2015	5	19	0.00E+00	9.95E+06	2.48E+07	4.39E+07	1.58E+07	9.44E+07	1240	MOIST	8.41E+10	NO	0%	
2015	5	20	0.00E+00	8.19E+05	3.21E+06	0.00E+00	0.00E+00	4.03E+06	1340	MOIST	8.41E+10	NO	0%	
2015	5	21	0.00E+00	2.63E+07	2.04E+07	2.19E+07	2.37E+06	7.11E+07	2030	MOIST	8.41E+10	NO	0%	
2015	5	22	0.00E+00	9.36E+06	4.38E+05	4.07E+07	9.82E+06	6.04E+07	2470	MOIST	8.41E+10	NO	0%	
2015	5	23	2.00E+08	7.61E+05	0.00E+00	0.00E+00	0.00E+00	2.01E+08	2710	MOIST	8.41E+10	NO	0%	
2015	5	24	2.80E+08	5.85E+04	0.00E+00	4.54E+06	0.00E+00	2.84E+08	2690	MOIST	8.41E+10	NO	0%	
2015	5	25	5.79E+08	0.00E+00	1.46E+07	7.44E+06	5.19E+06	6.07E+08	2810	MOIST	8.41E+10	NO	1%	
2015	5	26	1.60E+08	0.00E+00	7.30E+05	2.19E+06	3.16E+06	1.66E+08	2870	MOIST	8.41E+10	NO	0%	
2015	5	27	1.90E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+07	2840	MOIST	8.41E+10	NO	0%	
2015	5	28	1.40E+07	9.36E+05	0.00E+00	0.00E+00	0.00E+00	1.49E+07	2540	MOIST	8.41E+10	NO	0%	
2015	5	29	7.69E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E+06	2290	MOIST	8.41E+10	NO	0%	

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Year	Month	Day	North Floodway	San Antonio	San Jose	Tijeras Arroyo	SDC	TOTAL LOAD	RG at ABQ	Flow	Flow	Target	of Calculated	Comparison
			Calculated	Calculated	Calculated	Calculated	Calculated		Daily Mean					
			E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load				Condition	WLA	if YES,	as a % of
			cfu/day	cfu/day	cfu/day	cfu/day	cfu/day				Condition	WLA	Exceedance	Target WLA
2015	5	30	1.60E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+07	1980	MOIST	8.41E+10	NO	0%	
2015	5	31	1.10E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+07	1730	MOIST	8.41E+10	NO	0%	
2015	6	1	1.16E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+07	1670	MOIST	8.41E+10	NO	0%	
2015	6	2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1500	MOIST	8.41E+10	NO	0%	
2015	6	3	1.71E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+06	1270	MOIST	8.41E+10	NO	0%	
2015	6	4	9.32E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E+06	1250	MOIST	8.41E+10	NO	0%	
2015	6	5	4.37E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E+07	1210	MOIST	8.41E+10	NO	0%	
2015	6	6	1.10E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+07	1140	MOIST	8.41E+10	NO	0%	
2015	6	7	1.01E+07	0.00E+00	7.26E+07	8.81E+06	6.24E+07	1.54E+08	1130	MOIST	8.41E+10	NO	0%	
2015	6	8	5.14E+06	0.00E+00	2.79E+05	0.00E+00	7.32E+06	1.27E+07	1180	MOIST	8.41E+10	NO	0%	
2015	6	9	2.66E+06	0.00E+00	0.00E+00	2.39E+06	0.00E+00	5.05E+06	1130	MOIST	8.41E+10	NO	0%	
2015	6	10	0.00E+00	0.00E+00	1.40E+06	4.48E+07	0.00E+00	4.62E+07	1140	MOIST	8.41E+10	NO	0%	
2015	6	11	2.85E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E+06	1640	MOIST	8.41E+10	NO	0%	
2015	6	12	3.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+06	2020	MOIST	8.41E+10	NO	0%	
2015	6	13	5.33E+07	4.22E+06	4.19E+07	4.48E+07	2.37E+06	1.47E+08	2090	MOIST	8.41E+10	NO	0%	
2015	6	14	3.99E+07	1.44E+06	1.67E+06	1.30E+07	1.08E+07	6.68E+07	2020	MOIST	8.41E+10	NO	0%	
2015	6	15	7.99E+06	1.11E+05	5.58E+05	0.00E+00	0.00E+00	8.66E+06	2240	MOIST	8.41E+10	NO	0%	
2015	6	16	1.24E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+07	2410	MOIST	8.41E+10	NO	0%	
2015	6	17	7.99E+06	0.00E+00	5.58E+05	0.00E+00	0.00E+00	8.55E+06	2230	MOIST	8.41E+10	NO	0%	
2015	6	18	3.23E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E+07	2220	MOIST	8.41E+10	NO	0%	
2015	6	19	1.62E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+07	2120	MOIST	8.41E+10	NO	0%	
2015	6	20	2.28E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+06	2030	MOIST	8.41E+10	NO	0%	
2015	6	21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1910	MOIST	8.41E+10	NO	0%	
2015	6	22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1730	MOIST	8.41E+10	NO	0%	
2015	6	23	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1550	MOIST	8.41E+10	NO	0%	
2015	6	24	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1400	MOIST	8.41E+10	NO	0%	
2015	6	25	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1200	MOIST	8.41E+10	NO	0%	
2015	6	26	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1050	MOIST	8.41E+10	NO	0%	
2015	6	27	0.00E+00	0.00E+00	1.26E+07	8.96E+06	4.52E+06	2.60E+07	1080	MOIST	8.41E+10	NO	0%	
2015	6	28	0.00E+00	0.00E+00	5.02E+06	0.00E+00	3.23E+07	3.73E+07	1410	MOIST	8.41E+10	NO	0%	
2015	6	29	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1190	MOIST	8.41E+10	NO	0%	
2015	6	30	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1100	MOIST	8.41E+10	NO	0%	
2015	7	1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1060	MOIST	8.41E+10	NO	0%	
2015	7	2	9.17E+05	0.00E+00	1.57E+06	6.12E+06	0.00E+00	8.60E+06	968	MOIST	8.41E+10	NO	0%	
2015	7	3	5.35E+08	0.00E+00	0.00E+00	3.36E+06	0.00E+00	5.38E+08	902	MID-RANGE	5.66E+10	NO	1%	
2015	7	4	8.40E+08	0.00E+00	3.59E+06	0.00E+00	0.00E+00	8.44E+08	917	MID-RANGE	5.66E+10	NO	1%	
2015	7	5	6.72E+08	0.00E+00	0.00E+00	3.96E+06	0.00E+00	6.76E+08	940	MOIST	8.41E+10	NO	1%	
2015	7	6	1.37E+08	0.00E+00	1.77E+07	1.68E+07	1.21E+08	2.93E+08	944	MOIST	8.41E+10	NO	0%	
2015	7	7	2.14E+07	1.52E+08	4.04E+08	7.56E+08	1.66E+09	2.99E+09	1750	MOIST	8.41E+10	NO	4%	
2015	7	8	2.44E+07	4.47E+07	2.24E+07	2.28E+08	4.49E+07	3.64E+08	2030	MOIST	8.41E+10	NO	0%	
2015	7	9	5.96E+08	1.34E+08	2.24E+07	9.00E+06	0.00E+00	7.61E+08	2080	MOIST	8.41E+10	NO	1%	
2015	7	10	2.14E+08	1.16E+07	9.87E+06	2.88E+06	8.30E+06	2.47E+08	2160	MOIST	8.41E+10	NO	0%	
2015	7	11	1.68E+07	7.15E+05	6.73E+06	4.80E+05	0.00E+00	2.47E+07	1990	MOIST	8.41E+10	NO	0%	
2015	7	12	2.60E+07	5.18E+06	1.84E+07	3.00E+06	0.00E+00	5.25E+07	1950	MOIST	8.41E+10	NO	0%	
2015	7	13	1.53E+08	1.34E+07	8.97E+06	2.76E+06	0.00E+00	1.78E+08	1800	MOIST	8.41E+10	NO	0%	

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Year	Month	Day	North Floodway	San Antonio	San Jose	Tijeras Arroyo	SDC	TOTAL LOAD	RG at ABQ	Flow	Flow	Target	of Calculated	Comparison
			Calculated	Calculated	Calculated	Calculated	Calculated		Daily Mean					
			E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load				WLA	if YES,	as a % of	
			cfu/day	cfu/day	cfu/day	cfu/day	cfu/day				CFS	Exceedance	Target WLA	
2015	7	14	5.50E+08	6.25E+05	7.18E+06	0.00E+00	0.00E+00	5.58E+08	1490	MOIST	8.41E+10	NO	1%	
2015	7	15	1.34E+09	0.00E+00	9.64E+06	0.00E+00	0.00E+00	1.35E+09	1350	MOIST	8.41E+10	NO	2%	
2015	7	16	2.44E+09	0.00E+00	1.03E+07	0.00E+00	0.00E+00	2.45E+09	1140	MOIST	8.41E+10	NO	3%	
2015	7	17	1.83E+08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+08	995	MOIST	8.41E+10	NO	0%	
2015	7	18	1.83E+07	0.00E+00	8.75E+06	0.00E+00	0.00E+00	2.71E+07	954	MOIST	8.41E+10	NO	0%	
2015	7	19	8.86E+06	0.00E+00	1.01E+07	5.52E+06	0.00E+00	2.45E+07	921	MID-RANGE	5.66E+10	NO	0%	
2015	7	20	2.44E+06	3.04E+06	4.71E+06	1.20E+06	0.00E+00	1.14E+07	945	MOIST	8.41E+10	NO	0%	
2015	7	21	0.00E+00	1.34E+07	1.57E+07	0.00E+00	0.00E+00	2.91E+07	1020	MOIST	8.41E+10	NO	0%	
2015	7	22	8.10E+08	5.36E+05	4.26E+06	0.00E+00	0.00E+00	8.14E+08	942	MOIST	8.41E+10	NO	1%	
2015	7	23	3.67E+08	0.00E+00	5.61E+06	0.00E+00	0.00E+00	3.72E+08	845	MID-RANGE	5.66E+10	NO	1%	
2015	7	24	1.15E+08	0.00E+00	4.71E+06	0.00E+00	0.00E+00	1.19E+08	780	MID-RANGE	5.66E+10	NO	0%	
2015	7	25	9.01E+07	0.00E+00	3.81E+06	0.00E+00	0.00E+00	9.39E+07	706	MID-RANGE	5.66E+10	NO	0%	
2015	7	26	8.86E+07	2.32E+07	1.68E+08	6.00E+06	0.00E+00	2.86E+08	704	MID-RANGE	5.66E+10	NO	1%	
2015	7	27	4.74E+08	3.48E+07	5.38E+07	8.04E+06	6.39E+06	5.77E+08	826	MID-RANGE	5.66E+10	NO	1%	
2015	7	28	1.01E+08	1.34E+06	8.75E+06	0.00E+00	0.00E+00	1.11E+08	713	MID-RANGE	5.66E+10	NO	0%	
2015	7	29	8.86E+08	8.94E+04	2.69E+07	3.48E+06	1.07E+07	9.27E+08	675	MID-RANGE	5.66E+10	NO	2%	
2015	7	30	6.57E+08	0.00E+00	1.35E+07	1.80E+06	7.95E+06	6.80E+08	931	MOIST	8.41E+10	NO	1%	
2015	7	31	7.94E+08	0.00E+00	1.35E+07	0.00E+00	0.00E+00	8.08E+08	1160	MOIST	8.41E+10	NO	1%	
2015	8	1	3.86E+08	0.00E+00	1.70E+07	6.66E+06	0.00E+00	4.10E+08	1290	MOIST	8.41E+10	NO	0%	
2015	8	2	4.28E+09	0.00E+00	1.61E+07	3.62E+06	0.00E+00	4.30E+09	1130	MOIST	8.41E+10	NO	5%	
2015	8	3	5.94E+08	0.00E+00	1.37E+07	0.00E+00	0.00E+00	6.08E+08	1210	MOIST	8.41E+10	NO	1%	
2015	8	4	1.63E+08	0.00E+00	1.04E+07	0.00E+00	0.00E+00	1.74E+08	1010	MOIST	8.41E+10	NO	0%	
2015	8	5	5.20E+07	0.00E+00	7.83E+06	0.00E+00	0.00E+00	5.98E+07	848	MID-RANGE	5.66E+10	NO	0%	
2015	8	6	1.19E+06	0.00E+00	1.07E+07	0.00E+00	0.00E+00	1.18E+07	722	MID-RANGE	5.66E+10	NO	0%	
2015	8	7	3.86E+06	0.00E+00	8.26E+06	0.00E+00	0.00E+00	1.21E+07	628	DRY	2.09E+10	NO	0%	
2015	8	8	2.38E+06	2.78E+07	2.39E+07	7.47E+06	4.20E+07	1.04E+08	593	DRY	2.09E+10	NO	0%	
2015	8	9	0.00E+00	1.65E+07	4.13E+07	1.52E+06	5.38E+06	6.47E+07	688	MID-RANGE	5.66E+10	NO	0%	
2015	8	10	0.00E+00	9.56E+05	3.04E+07	0.00E+00	0.00E+00	3.14E+07	689	MID-RANGE	5.66E+10	NO	0%	
2015	8	11	5.94E+06	8.69E+04	2.61E+07	0.00E+00	0.00E+00	3.21E+07	703	MID-RANGE	5.66E+10	NO	0%	
2015	8	12	0.00E+00	0.00E+00	2.83E+07	0.00E+00	0.00E+00	2.83E+07	1090	MOIST	8.41E+10	NO	0%	
2015	8	13	2.38E+08	0.00E+00	3.48E+07	0.00E+00	0.00E+00	2.73E+08	703	MID-RANGE	5.66E+10	NO	0%	
2015	8	14	1.63E+08	0.00E+00	4.13E+07	0.00E+00	0.00E+00	2.05E+08	680	MID-RANGE	5.66E+10	NO	0%	
2015	8	15	4.31E+08	0.00E+00	5.65E+07	0.00E+00	0.00E+00	4.87E+08	695	MID-RANGE	5.66E+10	NO	1%	
2015	8	16	1.63E+08	4.69E+06	2.83E+07	0.00E+00	0.00E+00	1.96E+08	745	MID-RANGE	5.66E+10	NO	0%	
2015	8	17	1.23E+08	2.43E+06	2.39E+07	0.00E+00	0.00E+00	1.50E+08	734	MID-RANGE	5.66E+10	NO	0%	
2015	8	18	1.46E+07	3.48E+05	2.15E+07	0.00E+00	0.00E+00	3.64E+07	695	MID-RANGE	5.66E+10	NO	0%	
2015	8	19	2.23E+06	0.00E+00	1.85E+07	0.00E+00	0.00E+00	2.07E+07	625	DRY	2.09E+10	NO	0%	
2015	8	20	0.00E+00	0.00E+00	1.65E+07	0.00E+00	0.00E+00	1.65E+07	582	DRY	2.09E+10	NO	0%	
2015	8	21	8.77E+06	0.00E+00	2.39E+07	0.00E+00	0.00E+00	3.27E+07	530	DRY	2.09E+10	NO	0%	
2015	8	22	4.31E+08	0.00E+00	1.80E+07	0.00E+00	0.00E+00	4.49E+08	522	DRY	2.09E+10	NO	2%	
2015	8	23	4.46E+07	7.82E+05	2.11E+07	0.00E+00	0.00E+00	6.64E+07	544	DRY	2.09E+10	NO	0%	
2015	8	24	1.93E+07	6.08E+05	1.78E+07	0.00E+00	0.00E+00	3.78E+07	558	DRY	2.09E+10	NO	0%	
2015	8	25	2.08E+06	0.00E+00	1.41E+07	0.00E+00	0.00E+00	1.62E+07	559	DRY	2.09E+10	NO	0%	
2015	8	26	0.00E+00	2.69E+06	2.83E+07	3.62E+06	0.00E+00	3.46E+07	570	DRY	2.09E+10	NO	0%	
2015	8	27	3.71E+08	4.00E+06	1.87E+07	4.67E+05	0.00E+00	3.95E+08	574	DRY	2.09E+10	NO	2%	

2013 Bacterial TMDL Loading Report - Albuquerque MS4

Year	Month	Day	North Floodway	San Antonio	San Jose	Tijeras Arroyo	SDC	TOTAL LOAD	RG at ABQ	Flow	Flow	Target	of Calculated	Comparison
			Calculated	Calculated	Calculated	Calculated	Calculated		Daily Mean					
			E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load	E-Coli Load		CFS	Condition	WLA	if YES,	as a % of	
			cfu/day	cfu/day	cfu/day	cfu/day	cfu/day					Exceedance	Target WLA	
2015	8	28	2.23E+07	6.95E+05	8.04E+06	0.00E+00	0.00E+00	3.10E+07	525	DRY	2.09E+10	NO	0%	
2015	8	29	8.77E+06	0.00E+00	7.83E+06	0.00E+00	0.00E+00	1.66E+07	487	DRY	2.09E+10	NO	0%	
2015	8	30	3.86E+06	0.00E+00	8.48E+06	0.00E+00	0.00E+00	1.23E+07	452	DRY	2.09E+10	NO	0%	
2015	8	31	2.23E+06	0.00E+00	6.74E+06	0.00E+00	0.00E+00	8.97E+06	448	DRY	2.09E+10	NO	0%	
2015	9	1	0.00E+00	0.00E+00	3.05E+06	0.00E+00	0.00E+00	3.05E+06	430	DRY	2.09E+10	NO	0%	
2015	9	2	3.09E+06	0.00E+00	3.91E+06	0.00E+00	0.00E+00	7.00E+06	426	DRY	2.09E+10	NO	0%	
2015	9	3	2.84E+06	0.00E+00	2.20E+06	0.00E+00	0.00E+00	5.04E+06	392	DRY	2.09E+10	NO	0%	
2015	9	4	7.43E+07	0.00E+00	4.89E+05	7.87E+06	0.00E+00	8.27E+07	401	DRY	2.09E+10	NO	0%	
2015	9	5	6.68E+06	0.00E+00	7.33E+06	1.05E+07	0.00E+00	2.45E+07	408	DRY	2.09E+10	NO	0%	
2015	9	6	0.00E+00	0.00E+00	5.86E+06	5.58E+06	0.00E+00	1.14E+07	419	DRY	2.09E+10	NO	0%	
2015	9	7	0.00E+00	0.00E+00	7.21E+06	0.00E+00	0.00E+00	7.21E+06	422	DRY	2.09E+10	NO	0%	
2015	9	8	0.00E+00	0.00E+00	5.86E+06	0.00E+00	0.00E+00	5.86E+06	398	DRY	2.09E+10	NO	0%	
2015	9	9	1.75E+07	0.00E+00	4.15E+06	0.00E+00	0.00E+00	2.17E+07	371	DRY	2.09E+10	NO	0%	
2015	9	10	0.00E+00	0.00E+00	4.03E+06	0.00E+00	0.00E+00	4.03E+06	368	DRY	2.09E+10	NO	0%	
2015	9	11	0.00E+00	0.00E+00	4.76E+06	0.00E+00	0.00E+00	4.76E+06	348	DRY	2.09E+10	NO	0%	
2015	9	12	0.00E+00	0.00E+00	6.11E+06	0.00E+00	0.00E+00	6.11E+06	346	DRY	2.09E+10	NO	0%	
2015	9	13	0.00E+00	0.00E+00	6.35E+06	0.00E+00	0.00E+00	6.35E+06	317	LOW	4.67E+09	NO	0%	
2015	9	14	0.00E+00	0.00E+00	5.99E+06	0.00E+00	0.00E+00	5.99E+06	335	DRY	2.09E+10	NO	0%	
2015	9	15	1.84E+07	0.00E+00	2.32E+07	3.21E+06	0.00E+00	4.48E+07	291	LOW	4.67E+09	NO	1%	
2015	9	16	1.34E+07	0.00E+00	4.89E+05	0.00E+00	0.00E+00	1.38E+07	254	LOW	4.67E+09	NO	0%	
2015	9	17	8.26E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E+07	250	LOW	4.67E+09	NO	2%	
2015	9	18	1.50E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+07	278	LOW	4.67E+09	NO	0%	
2015	9	19	8.01E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E+06	287	LOW	4.67E+09	NO	0%	
2015	9	20	1.84E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+06	298	LOW	4.67E+09	NO	0%	
2015	9	21	0.00E+00	0.00E+00	0.00E+00	9.84E+05	0.00E+00	9.84E+05	365	DRY	2.09E+10	NO	0%	
2015	9	22	1.92E+07	1.37E+07	1.34E+08	5.05E+07	2.83E+08	5.01E+08	727	MID-RANGE	5.66E+10	NO	1%	
2015	9	23	1.92E+07	4.46E+06	5.62E+06	2.82E+06	1.23E+07	4.44E+07	527	DRY	2.09E+10	NO	0%	
2015	9	24	0.00E+00	2.45E+05	0.00E+00	0.00E+00	0.00E+00	2.45E+05	329	DRY	2.09E+10	NO	0%	
2015	9	25	2.42E+08	0.00E+00	1.47E+06	0.00E+00	0.00E+00	2.44E+08	261	LOW	4.67E+09	NO	5%	
2015	9	26	5.84E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E+07	253	LOW	4.67E+09	NO	1%	
2015	9	27	2.09E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E+07	231	LOW	4.67E+09	NO	0%	
2015	9	28	1.42E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+07	214	LOW	4.67E+09	NO	0%	
2015	9	29	1.17E+08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+08	203	LOW	4.67E+09	NO	3%	
2015	9	30	3.42E+07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E+07	193	LOW	4.67E+09	NO	1%	
Water Year Averages			6.45E+07	1.67E+06	5.86E+06	4.83E+06	8.04E+06	8.49E+07	836	MID-RANGE	5.66E+10	NO	0%	