Table 4-1. Summary of Hydrologic Data for Mass Emission Stations

Event ID	Station Name	WRD RAIN GAUGE	WRD FLOW GAUGE	Total Precipitation (in.)	Rainfall Duration (hrs)	Avg. Rainfall Intensity (in./hr)	Base Flow Volume (acre-ft)	Total Runoff Volume (acre-ft)	High Flow Suspension of Bacteria WQO**
2014-15Event04	Ballona Creek (S01)	370	F38C-R	0.37	8	0.05	17.2	617.2	No
2014-15Event04	Malibu Creek (S02)	319	F130-R	NS	NS	NS	NS	NS	NA
2014-15Event04	L.A. River at Wardlow (S10)	314	F319-R	0.25	24	0.03	280.9	3,755.4	No
2014-15Event04	Coyote Creek (S13)	326	F354-R	0.35	11	0.04	15.5	882.9	No
2014-15Event04	San Gabriel River (S14)	416	F263C-R	0.75	20	0.09	0.0	344.9	Yes
2014-15Event04	Dominguez Channel (S28)	315	Manual*	0.37	28	0.05	27.1	203.7	No
2014-15Event04	Santa Clara River (S29)	406	Manual*	0.51	7	0.06	2.1	19.0	NA
2014-15Event08	Ballona Creek (S01)	370/375†	F38C-R	0.17/0.26†	4/4†	0.04/0.07†	19.6	812.2	NA/TSS
2014-15Event08	Malibu Creek (S02)	319	F130-R	0.98	12	0.08	3.2	47.3	NA
2014-15Event08	L.A. River at Wardlow (S10)	314	F319-R	NS	NS	NS	NS	NS	NS
2014-15Event08	Coyote Creek (S13)	326	F354-R	0.80	17	0.05	31.6	1,617.5	NA/TSS
2014-15Event08	San Gabriel River (S14)	416	F263C-R	0.28	21	0.01	0.0	410.9	NA/TSS
2014-15Event08	Dominguez Channel (S28)	315	Manual*	NS	NS	NS	NS	NS	NS
2014-15Event08	Santa Clara River (S29)	406	Manual*	NS	NS	NS	NS	NS	NA
2014-15Event09	Ballona Creek (S01)	370	F38C-R	1.06	47	0.02	37.0	2,648.3	Yes
2014-15Event09	Malibu Creek (S02)	319	F130-R	2.07	32	0.06	33.7	475.7	NA
2014-15Event09	L.A. River at Wardlow (S10)	314	F319-R	1.65	39	0.04	585.0	16,845.4	Yes
2014-15Event09	Coyote Creek (S13)	326	F354-R	1.72	39	0.04	32.5	4,208.7	Yes
2014-15Event09	San Gabriel River (S14)	416	F263C-R	1.84	35	0.05	0.0	1,673.8	Yes
2014-15Event09	Dominguez Channel (S28)	315	Manual*	2.12	44	0.05	22.3	619.4	Yes
2014-15Event09	Santa Clara River (S29)	406	Manual*	3.00	35	0.09	0.4	1.1	NA
2014-15Event10	Ballona Creek (S01)	370	F38C-R	1.33	17	0.08	17.3	3,558.0	Yes
2014-15Event10	Malibu Creek (S02)	319	F130-R	1.64	12	0.14	45.5	1,266.9	NA
2014-15Event10	L.A. River at Wardlow (S10)	314	F319-R	1.13	5	0.23	409.1	16,892.9	Yes
2014-15Event10	Coyote Creek (S13)	326	F354-R	1.32	27	0.05	16.1	3,456.1	Yes
2014-15Event10	San Gabriel River (S14)	416	F263C-R	1.99	9	0.22	0.0	1,242.1	Yes
2014-15Event10	Dominguez Channel (S28)	315	Manual*	1.19	31	0.04	20.4	928.6	Yes
2014-15Event10	Santa Clara River (S29)	406	Manual*	2.77	10	0.28	1.2	429.0	NA
2014-15Event11	Ballona Creek (S01)	370	F38C-R	0.61	27	0.02	31.0	838.9	NA/TSS
2014-15Event11	Malibu Creek (S02)	319	F130-R	0.62	25	0.02	43.8	152.9	NA
2014-15Event11	L.A. River at Wardlow (S10)	314	F319-R	0.96	24	0.04	503.1	6151.8	NA/TSS
2014-15Event11	Coyote Creek (S13)	326	F354-R	0.37	24	0.02	53.7	679.1	NA/TSS
2014-15Event11	San Gabriel River (S14)	416	F263C-R	0.78	16	0.05	0.0	793.9	NA/TSS
2014-15Event11	Dominguez Channel (S28)	315	Manual*	0.99	35	0.03	38.8	457.5	NA/TSS
2014-15Event11	Santa Clara River (S29)	406	Manual*	NS	NS	NS	NS	NS	NA
2014-15Event12	Ballona Creek (S01)	370	F38C-R	0.26	3	0.09	19.7	247.4	NA/TSS
2014-15Event12	Malibu Creek (S02)	319	F130-R	NS	NS	NS	NS	NS	NA
2014-15Event12	L.A. River at Wardlow (S10)	314	F319-R	NS	NS	NS	NS	NS	NS
2014-15Event12	Coyote Creek (S13)	326	F354-R	NS	NS	NS	NS	NS	NS
2014-15Event12	San Gabriel River (S14)	416	F263C-R	NS	NS	NS	NS	NS	NS
2014-15Event12	Dominguez Channel (S28)	315	Manual*	NS	NS	NS	NS	NS	NS
2014-15Event12	Santa Clara River (S29)	406	Manual*	NS	NS	NS	NS	NS	NA
2014-15Event14	Ballona Creek (S01)	370	F38C-R	1.08	20	0.05	29.1	1581.9	NA/TSS
2014-15Event14	Malibu Creek (S02)	319	F130-R	1.64	21	0.08	20.7	512.5	NA
2014-15Event14	L.A. River at Wardlow (S10)	314	F319-R	0.78	24	0.03	521.6	8260.8	NA/TSS
2014-15Event14	Coyote Creek (S13)	326	F354-R	0.66	28	0.02	50.0	1,623.9	NA/TSS
2014-15Event14	San Gabriel River (S14)	416	F263C-R	0.70	30	0.02	0.8	1,074.8	NA/TSS
2014-15Event14	Dominguez Channel (S28)	315	Manual*	0.94	24	0.04	37.8	495.1	NA/TSS
2014-15Event14	Santa Clara River (S29)	406	Manual*	NS	NS	NS	NS	NS	NA
2014-15Event20	Ballona Creek (S01)	370	F38C-R	0.47	4	0.12	21.2	808.3	NA/TSS
2014-15Event20	Malibu Creek (S02)	319	F130-R	0.39	7	0.06	36.5	112.6	NA
2014-15Event20	L.A. River at Wardlow (S10)	314	F319-R	0.37	13	0.03	692.4	9,519.8	NA/TSS
2014-15Event20	Coyote Creek (S13)	326	F354-R	0.41	6	0.07	291.7	978.6	NA/TSS
2014-15Event20	San Gabriel River (S14)	416	F263C-R	1.29	27	0.05	318.8	700.5	NA/TSS
2014-15Event20	Dominguez Channel (S28)	315	Manual*	NS	NS	NS	NS	NS	NS
2014-15Event20	Santa Clara River (S29)	406	Manual*	NS	NS	NS	NS	NS	NA
2014-15Event21	Ballona Creek (S01)	370	F38C-R	NS	NS	NS	NS	NS	NS
2014-15Event21	Malibu Creek (S02)	319	F130-R	1.91	22	0.09	60.9	406.4	NA
2014-15Event21	L.A. River at Wardlow (S10)	314	F319-R	0.75	24	0.03	687.3	9,627.4	NA/TSS
2014-15Event21	Coyote Creek (S13)	326	F354-R	0.32	4	0.01	62.5	810.3	NA/TSS
2014-15Event21	San Gabriel River (S14)	416	F263C-R	0.28	15	0.02	265.1	399.4	NA/TSS
2014-15Event21	Dominguez Channel (S28)	315	Manual*	1.07	24	0.04	22.8	225.0	NA/TSS
2014-15Event21	Santa Clara River (S29)	406	Manual*	NS	NS	NS	NS	NS	NA

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2014-15Event22	Ballona Creek (S01)	370	F38C-R	NS	NS	NS	NS	NS	NS
2014-15Event22	Malibu Creek (S02)	319	F130-R	NS	NS	NS	NS	NS	NA
2014-15Event22	L.A. River at Wardlow (S10)	314	F319-R	NS	NS	NS	NS	NS	NS
2014-15Event22	Coyote Creek (S13)	326	F354-R	NS	NS	NS	NS	NS	NS
2014-15Event22	San Gabriel River (S14)	416	F263C-R	0.43	2	0.22	144.9	212.8	NA/TSS
2014-15Event22	Dominguez Channel (S28)	315	Manual*	0.27	4	0.07	30.6	136.3	NA/TSS
2014-15Event22	Santa Clara River (S29)	406	Manual*	NS	NS	NS	NS	NS	NA
2014-15Event25	Ballona Creek (S01)	370	F38C-R	NS	NS	NS	NS	NS	NS
2014-15Event25	Malibu Creek (S02)	319	F130-R	NS	NS	NS	NS	NS	NA
2014-15Event25	L.A. River at Wardlow (S10)	314	F319-R	0.10ϕ	5	0.02	218.9	2,415.6	NA/TSS
2014-15Event25	Coyote Creek (S13)	326/327†	F354-R	0.02/0.62†	9/17†	0.002/0.04†	10.8	654.5	NA/TSS
2014-15Event25	San Gabriel River (S14)	416	F263C-R	0.15ϕ	8	0.02	1.00	549.2	NA/TSS
2014-15Event25	Dominguez Channel (S28)	315	Manual*	0.21ϕ	7	0.03	8.72	123.5	NA/TSS
2014-15Event25	Santa Clara River (S29)	406	Manual*	NS	NS	NS	NS	NS	NA
2014-15Event28	Ballona Creek (S01)	370	F38C-R	0.37	19	0.02	17.08	806.2	NA/TSS
2014-15Event28	Malibu Creek (S02)	319	F130-R	0.89	17	0.05	5.0	12.2	NA
2014-15Event28	L.A. River at Wardlow (S10)	314	F319-R	0.53	23	0.02	464.2	4,801.9	NA/TSS
2014-15Event28	Coyote Creek (S13)	327‡	F354-R	0.44	21	0.02	12.4	1,123.8	NA/TSS
2014-15Event28	San Gabriel River (S14)	416	F263C-R	0.63	9	0.07	1.3	671.6	NA/TSS
2014-15Event28	Dominguez Channel (S28)	315	Manual*	0.68	22	0.03	6.25	91.1	NA/TSS
2014-15Event28	Santa Clara River (S29)	406	Manual*	NS	NS	NS	NS	NS	NA

NS - No sampling conducted during this event.

NA/TSS only - Not applicable - only total suspended solids (TSS) sampled during this event.

NA - Not applicable.

* Flow measured by Watershed Management Division auto sampler or leaf method. Water Resources Division has no flow gauge here.

** High flow suspension of the REC-1 and REC-2 bacteria water quality objectives does not apply to Malibu Creek and Santa Clara River MES.

†Due to less than <0.25 inches recorded at rain guage, additional nearby rain gauge total precipitation, rainfall duration and average rainfall intensity included.

‡ Data from rain gauge 326 not available, data from a nearby station (327) used for this event.

ϕ Rainfall at nearby rain guages also <0.25 inches