

ATTACHMENT B – MINERAL EFFLUENT LIMITATIONS

In accordance with Section 3. Water Quality Objectives of the Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties, discharge of wastewater within a watershed/stream reach with constituent concentrations in excess of the following daily maximum limits (except as required otherwise by a TMDL specific to corresponding waterbodies) is prohibited:

WATERSHED/STREAM REACH	TDS (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Boron ⁽¹⁾ (mg/L)	Nitrogen ⁽²⁾ (mg/L)
1. <u>Miscellaneous Ventura Coastal Streams:</u>					no waterbody specific limits
2. <u>Ventura River Watershed:</u>					
a. Above Camino Cielo Road	700	300	50	1.0	5
b. Between Camino Cielo Road and Casitas Vista Road	800	300	60	1.0	5
c. Between Casitas Vista Road and confluence with Weldon Canyon	1000	300	60	1.0	5
d. Between confluence with Weldon Canyon and Main Street	1500	500	300	1.5	10
e. Between Main St. and Ventura River Estuary					no waterbody specific limits
3. <u>Santa Clara River Watershed:</u>					
a. Between Highway 101 Bridge and Santa Clara River Estuary					no waterbody specific limits
b. Between Freeman Diversion and Highway 101 Bridge	1200	600	150	1.5	---
c. Between A Street, Fillmore and Freeman Diversion	1300	650	80	1.5	(3)
d. Between confluence of Piru Creek and A Street, Fillmore	1300	600	100	1.5	5
e. Between Blue Cut gauging station and confluence of Piru Creek	1300	600	(4)	1.5	5
f. Between West Pier Highway 99 and Blue Cut gauging station	1000	400	(5)	1.5	6.8
g. Between Bouquet Canyon Road Bridge and West Pier Highway 99	1000	300	(6)	1.5	10
h. Between Lang gaging station and Bouquet Canyon Road Bridge	800	150	100	1.0	(7)
i. Above Lang gaging station	500	100	50	0.5	5
j. Santa Paula Creek above Santa Paula Water Works Diversion Dam	600	250	45	1.0	5
k. Sespe Creek above gaging station, 500 feet downstream from Little Sespe Creek	800	320	60	1.5	5
l. Piru Creek above gaging station below Santa Felicia Dam	800	400	60	1.0	5
4. <u>Calleguas Creek Watershed:</u>					
a. Above Potrero Road	850	250	150	1.0	10
b. Below Potrero Road					no waterbody specific limits
5. <u>Miscellaneous Los Angeles County Coastal Streams:</u>					
a. Malibu Creek Watershed:	2000	500	500	2.0	10
b. Ballona Creek Watershed:					no waterbody specific limits
6. <u>Dominguez Channel Watershed:</u>					no waterbody specific limits
7. <u>Los Angeles River Watershed:</u>					
a. Los Angeles River and Tributaries-upstream of Sepulveda Flood Control Basin	950	300	150	---	8
b. Los Angeles River - between Sepulveda Flood Control Basin and Figueroa Street. Includes Burbank Western Channel only.	950	300	190	---	8
c. Other tributaries to Los Angeles River - between Sepulveda Flood Control Basin and Figueroa Street	950	300	150	---	8
d. Los Angeles River - between Figueroa Street and L. A. River Estuary (Willow Street). Includes Rio Hondo below Santa Ana Freeway	1500	350	190	---	8
e. Other tributaries to Los Angeles River – between Figueroa Street and Los Angeles River Estuary. Includes Arroyo Seco downstream of spreading grounds.	1550	350	150	---	8
f. Rio Hondo - between Whittier Narrows Flood Control Basin and Santa Ana Freeway	750	300	180	---	8

WATERSHED/STREAM REACH	TDS (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Boron ⁽¹⁾ (mg/L)	Nitrogen ⁽²⁾ (mg/L)
g. Rio Hondo - upstream of Whittier Narrows Flood Control Basin	750	300	150	---	8
7. <u>Los Angeles River Watershed (continued):</u>					
h. Santa Anita Creek above Santa Anita spreading grounds	250	30	10	---	8
i. Eaton Canyon Creek above Eaton Dam	250	30	10	---	8
j. Arroyo Seco above spreading grounds	300	40	15	---	8
k. Big Tujunga Creek above Hansen Dam	350	50	20	---	8
l. Pacoima Wash above Pacoima spreading grounds	250	30	10	---	8
8. <u>San Gabriel River Watershed:</u>					
a. San Gabriel River above Morris Dam	250	30	10	0.6	2
b. San Gabriel River between Morris Dam and Ramona Blvd.	450	100	100	0.5	8
c. San Gabriel River and tributaries – between Ramona Blvd. and Valley Blvd.	750	300	150	1.0	8
d. San Gabriel River – between Valley Blvd. and Firestone Blvd. Includes Whittier Narrows Flood Control Basin and San Jose Creek - downstream of 71 Freeway only.	750	300	180	1.0	8
e. San Jose Creek and tributaries - upstream of 71 Freeway	750	300	150	1.0	8
f. San Gabriel River - between Firestone Blvd. and San Gabriel River Estuary (downstream from Willow Street). Includes Coyote Creek.					no waterbody specific limits
g. All other minor San Gabriel Mountain streams tributary to San Gabriel Valley	300	40	15	---	---
9. <u>Los Angeles Harbor/ Long Beach Harbor Watershed</u>					no waterbody specific limits
10. <u>Santa Ana River Watershed</u>					
a. San Antonio Creek ⁸	225	25	---	---	---
b. Chino Creek ⁸	---	---	---	---	---
11. <u>Island Watercourses:</u>					
a. Anacapa Island					no waterbody specific limits
b. San Nicolas Island					no waterbody specific limits
c. Santa Barbara island					no waterbody specific limits
d. Santa Catalina Island					no waterbody specific limits
e. San Clemente Island					no waterbody specific limits

Notes:

- (1) Where naturally occurring boron results in concentrations higher than the stated limit, a site-specific limit may be determined on a case-by-case basis.
- (2) Nitrate-nitrogen plus nitrite-nitrogen (NO₃-N + NO₂-N). The lack of adequate nitrogen data for all streams precluded the establishment of numerical limits for all streams.
- (3) In compliance with the Santa Clara River Nitrogen Compounds TMDL (Basin Plan Section 7-9), the nitrate plus nitrite Average Monthly Effluent Limitation for the reach is 8.1 mg/L.
- (4) In compliance with the TMDL for Chloride in the Upper Santa Clara River (Basin Plan Section 7-6), the chloride Maximum Daily Effluent Limitation for the reach is 230 mg/L and the Average Monthly Effluent Limitation is 117 mg/L.
- (5)(6) In compliance with the TMDL for Chloride in the Upper Santa Clara River (Basin Plan Section 7-6), the chloride Maximum Daily Effluent Limitations for the two reaches are 230 mg/L and the Average Monthly Effluent Limitation is 150 mg/L.
- (7) In compliance with the Santa Clara River Nitrogen Compounds TMDL (Basin Plan Section 7-9), the nitrate plus nitrite Average Monthly Effluent Limitation for the reach is 6.8 mg/L.
- (8) These watercourses are primarily located in the Santa Ana Region. The water quality objectives for these streams have been established by the Santa Ana Regional Water Board. Dashed lines indicate that numerical objectives have not been established, however, narrative objectives shall apply. Refer to the Santa Ana Region Basin Plan for more details.