

RESOLUTION NO. 2017-11

**A RESOLUTION OF THE COMMISSION OF THE
SANTA ANA WATERSHED PROJECT AUTHORITY
ESTABLISHING LOCAL LIMITS AND BEST MANAGEMENT
PRACTICES REQUIREMENTS**

WHEREAS, the Commission of the Santa Ana Watershed Project Authority (hereinafter "SAWPA") adopted Ordinance No. 8 (hereinafter "Ordinance"), an Ordinance Establishing Regulations for the Use of the Santa Ana Regional Interceptor, now commonly referred to as the Inland Empire Brine Line (hereinafter "Brine Line"); and

WHEREAS, the Ordinance provides for the establishment and implementation of pollutant limitations that are technically developed as Local Limits by Orange County Sanitation District (hereinafter "OCSD") pursuant to 40 Code of Federal Regulations 403.5(c) and amendments thereto; and

WHEREAS, Section 101.A.7 and Sections 201.L. and 201.O of SAWPA Ordinance No. 8 requires the prevention of discharges which are detrimental to Brine Line operations and could cause sanitary sewer overflows; and

WHEREAS, high concentrations of Biochemical Oxygen Demand (BOD) and Fats, Oils, and Grease (FOG) have been detrimental to Brine Line operations necessitating limits and standards regarding concentration; and

WHEREAS, BOD is unlikely to cause adverse effects to the Brine Line in small quantities, and a de minimus volume, not to exceed 5,000 gpd is hereby established as an exception to the BOD demonstration value. Said discharges shall still comply with all other adopted limitations including but not limited to mass limitations, prohibited standards and other general and specific limitations; and

WHEREAS, it has been determined that significantly high concentrations of BOD have the potential to cause adverse effects to the Brine Line and that the implementation of effective Best Management Practices (BMPs) should substantially lower the incidence of said discharges; and

WHEREAS, it has been determined the Local Limit previously developed for the parameter of Dissolved Organic Carbon (DOC) is no longer necessary and has been removed; and

WHEREAS, OCSD developed new prohibitions, limitations, and requirements with the establishment of Ordinance No. OCSD-48; and

WHEREAS, limitations and requirements are necessary to assure compliance with OCSD's National Pollutant Discharge Elimination System (hereafter NPDES) Permit, including the prohibition against pass through of any pollutants that can cause a violation of the NPDES Permit or cause an interference with OCSD's Publicly Owned Treatment Works (hereafter POTW), to protect OCSD's POTW and its workers, to reclaim and reuse municipal waters and

sludges, and to comply with agreements between SAWPA and OCSD, this resolution establishes the authority, implements provisions and FINDS:

- A. That OCSD is required by federal and state law, including the Clean Water Act (33 U.S.C. 1251, et seq.), the General Pretreatment Regulations (40 CFR 403), and the Porter- Cologne Water Quality Control Act (Water Code Sections 13000, et seq.), to implement and enforce a program for the regulation of Wastewater discharges to OCSD's sewers; and
- B. That OCSD is required by federal, state, and local law to meet applicable standards of treatment plant effluent quality; and
- C. That SAWPA is the Delegated Control Authority (DCA) acting under OCSD, who is the Control Authority (CA); and
- D. That the roles and authorities of CA and DCA are also defined to the extent in
 1. Memorandum of Understanding Between Santa Ana Watershed Project Authority and County Sanitation Districts of Orange County Governing Quality Control of Wastewaters Discharged to the Santa Ana Regional Interceptor, effective April 1, 1991 (1991 MOU);
 2. Wastewater Treatment and Disposal Agreement between County Sanitation Districts Nos. 1, 2, 3, 5, 6, 7, 11, 13, and 14 of Orange County, California (collectively "Districts"), each of which is a county sanitation district organized and existing pursuant to California Health & Safety Code section 4700 et seq., effective July 24, 1996 (1996 Agreement);
 3. First Amendment to Wastewater Treatment and Disposal Agreement between the SAWPA and OCSD, effective as of November 21, 2013 (2013 Amendment);
 4. SAWPA Pretreatment Program Side Letter between the Santa Ana Watershed Project Authority and the Orange County Sanitation District, effective on March 13, 2014 (2014 Side Letter);
 5. 1972 Wastewater Interceptor Capacity Agreement between the Santa Ana Watershed Project Authority and the Orange County Sanitation District, effective as of April 12, 1972;
 6. Ordinance No. OCSD-48, An Ordinance of the Board of Directors of the Orange County Sanitation District Amending Wastewater Discharge Regulations, and Repealing Ordinance No. OCSD-39;
- E. That the adoption of this resolution is statutorily exempt under the California Environmental Quality Act pursuant to the provisions of Public Resources Code Section 21080(b)(8) and California Code of Regulations Section 15273(a) and categorically exempt pursuant to California Code of Regulations Sections 15307 and 15308.; and

WHEREAS, pollutant limitations and requirements shall be continually developed as necessary and shall be adopted by Resolution;

NOW, THEREFORE, BE IT RESOLVED that the Commission of the Santa Ana Watershed Project Authority hereby establishes, determines, and orders:

Section 1. The Commission hereby establishes the following Local Limits and Best Management Practices (BMP) Requirements:

LOCAL NON-DOMESTIC WASTEWATER LIMITATIONS CONCENTRATION VALUES

Pollutant ⁽¹⁾	Maximum Daily Limit (mg/L)
1,4-dioxane	1.0
Arsenic	2.0
Cadmium	1.0
Chromium (Total)	20.0
Copper	3.0
Lead	2.0
Mercury	0.03
Nickel	10.0
Selenium	3.9
Silver	15.0
Zinc	10.0
Cyanide (Total)	5.0
Molybdenum	2.3
Polychlorinated biphenyls (PCB)	0.01
Pesticides	0.01
Sulfide (Total)	5.0
Sulfide (Dissolved)	0.5
Oil and Grease (Mineral/Petroleum Oil Origin) ⁽²⁾	100.0
Fats, Oil and Grease (FOG)	500.0

⁽¹⁾ Users subject to Federal Categorical Pretreatment Standards may be required to meet more stringent limits.

⁽²⁾ Oil and Grease of mineral or Petroleum Origin is also known as Petroleum Oil and Grease Silica Gel Treated n-Hexane Extractable Material.

MASS (LBS/DAY) LIMITATION

Pollutant	Maximum Daily Limit (lbs/day)
Ammonia	Report (**)
Biochemical Oxygen Demand	Report (**)

(**) Users may be required to monitor for and report the analytical results for required parameters at a frequency as specified in a wastewater discharge permit or other control mechanism.

BEST MANAGEMENT PRACTICES (BMP) REQUIREMENTS**

Pollutant	Average Daily Concentration (mg/L) During any Month
Biochemical Oxygen Demand	12,000

*** BMP Requirements apply to permitted users with flow volumes greater than 5,000 gpd (calculated as a seven-day average) which cannot achieve consistent compliance with the BMP demonstration value listed above. Said users shall be required, as a condition of their Waste Discharge Permit, to develop BMPs which include, but are not limited to:*

- a. Identifying and evaluating the source and volumes of pollutants being discharged to the Brine Line;*
- b. Implementing spill prevention and countermeasures plans;*
- c. Evaluating additional treatment or disposal options; and*
- d. Evaluating recycle or reuse opportunities.*

Section 2. pH shall be between 6.0 and 12.0.

Section 3. In those cases where a SAWPA Industrial Non-Process Wastestream is comingled with a SAWPA Industrial Process Wastestream, as defined by Ordinance, prior to a designated monitoring point the SAWPA Wastestream Correction Formula may be used to adjust the Local Limits to account for the presence of SAWPA Industrial Non-Process Wastestreams.

$$C_A = \frac{C_C(\sum_{N=1}^M F_N)}{F_T}$$

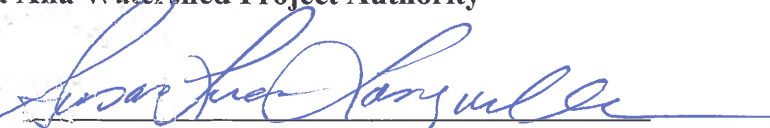
Where: C_A = Adjusted Local Limit to account for Industrial Non-Process Wastestream(s)

- C_C = Local Limit for the pollutant constituent
- F_N = Average daily flow for SAWPA Industrial Process Wastestream N
- F_T = Average daily flow for all wastestreams through the sample point
- M = Total number of SAWPA Industrial Process Wastestreams

Section 4. The Local Limits and BMP Requirements established by this Resolution shall become effective immediately. Industry Specific BMP Requirements will be incorporated as a permit condition that includes a compliance schedule which shall not exceed one (1) year from the effective date of the permit change. All previous Resolutions and Ordinances relating to Local Limits are hereby rescinded in their entirety.

ADOPTED THIS 19th day of September, 2017.

Santa Ana Watershed Project Authority

By: 
Susan Lien Longville, Chair

Attest:

Kelly Berry, CMC
Clerk of the Board