

ATTACHMENT A – MAXIMUM CONTAMINANT LEVELS**Attachment A-1 Inorganic Chemicals****Table 64431-A**

Chemical	Maximum Contaminant Levels (mg/L)	Reporting Detection Limit (mg/L)
Aluminum	1	0.05
Antimony	0.006	0.006
Arsenic	0.010	0.002
Asbestos	7 MFL ^[1]	0.2 MFL ^[2]
Barium	1	0.1
Beryllium	0.004	0.001
Cadmium	0.005	0.001
Chromium (hexavalent)	0.010	0.0001
Chromium	0.05	0.01
Cyanide	0.15	0.1
Fluoride	2.0	0.1
Mercury	0.002	0.001
Nickel	0.1	0.01
Nitrate (as nitrogen)	10	0.4
Nitrate + Nitrite (sum as nitrogen)	10	
Nitrite (as nitrogen)	1	0.4
Perchlorate	0.006	0.001
Selenium	0.05	0.005
Thallium	0.002	0.001

Note: [1] MFL: million fibers per liter; MCL for fibers exceeding 10 µm in length.

[2] Reporting detection limit for fibers exceeding 10 µm in length.

Attachment A-2 Radioactivity

Gross alpha and gross beta analysis must be performed. If gross alpha is greater than 1 picocurie per liter (pCi/L), uranium analysis must be performed. Compliance with this Order shall then be based on comparing gross alpha minus total uranium to the gross alpha limit of 15 pCi/L.

Radium-226 and radium-228 analysis must be performed, and combined Radium-226 and radium-228 activity must be less than or equal to 5 pCi/L. If gross alpha is less than 50 pCi/L, one can assume radium-226 activity is equal to gross alpha activity for purposes of meeting the 5 pCi/L limit.

Table 64442

Radionuclide	Maximum Contaminant Level (pCi/L)	Reporting Detection Limit (pCi/L)
Radium-226		1
Radium-228		1
Combined radium-226 and radium-228	5	
Gross Alpha particle activity (excluding radon and uranium)	15	3
Uranium	20	1

Table 64443

Radionuclide	Maximum Contaminant Level (pCi/L)	Reporting Detection Limit (pCi/L)
Beta/photon emitters	4 millirem per year annual dose equivalent to the total body or any internal organ	Gross Beta particle activity: 4
Strontium-90	8 (= 4 millirem per year dose to bone marrow)	2
Tritium	20,000 (=4 millirem per year dose to total body)	1,000

Attachment A-3 Organic Chemicals

Table 64444-A

(a) Volatile Organic Chemicals (VOCs)

Chemical	Maximum Contaminant Levels (mg/L)	Reporting Detection Limit (mg/L)
Benzene	0.001	0.0005
Carbon Tetrachloride	0.0005	0.0005
1,2-Dichlorobenzene	0.6	0.0005
1,4-Dichlorobenzene	0.005	0.0005
1,1-Dichloroethane	0.005	0.0005
1,2-Dichloroethane	0.0005	0.0005
1,1-Dichloroethylene	0.006	0.0005
cis-1,2-Dichloroethylene	0.006	0.0005
trans-1,2-Dichloroethylene	0.01	0.0005
Dichloromethane	0.005	0.0005
1,2-Dichloropropane	0.005	0.0005
1,3-Dichloropropene	0.0005	0.0005
Ethylbenzene	0.3	0.0005
Methyl- <i>tert</i> -butyl ether	0.013	0.003
Monochlorobenzene	0.07	0.0005
Styrene	0.1	0.0005
1,1,2,2-Tetrachloroethane	0.001	0.0005
Tetrachloroethylene	0.005	0.0005
Toluene	0.15	0.0005
1,2,4-Trichlorobenzene	0.005	0.0005
1,1,1-Trichloroethane	0.200	0.0005
1,1,2-Trichloroethane	0.005	0.0005
Trichloroethylene	0.005	0.0005
Trichlorofluoromethane	0.15	0.005

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Chemical	Maximum Contaminant Levels (mg/L)	Reporting Detection Limit (mg/L)
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.2	0.01
Vinyl Chloride	0.0005	0.0005
Xylenes	1.750 ^[1]	0.0005

Note: [1] MCL is for either a single isomer or the sum of the isomers.

(b) Synthetic Organic Chemicals (SOCs)

Chemical	Maximum Contaminant Levels (mg/L)	Reporting Detection Limit (mg/L)
Alachlor	0.002	0.001
Atrazine	0.001	0.0005
Bentazon	0.018	0.002
Benzo(a)pyrene	0.0002	0.0001
Carbofuran	0.018	0.005
Chlordane	0.0001	0.0001
2,4-D	0.07	0.01
Dalapon	0.2	0.01
Dibromochloropropane	0.0002	0.00001
Di(2-ethylhexyl)adipate	0.4	0.005
Di(2-ethylhexyl)phthalate	0.004	0.003
Dinoseb	0.007	0.002
Diquat	0.02	0.004
Endothall	0.1	0.045
Endrin	0.002	0.0001
Ethylene Dibromide	0.00005	0.00002
Glyphosate	0.7	0.025
Heptachlor	0.00001	0.00001
Heptachlor Epoxide	0.00001	0.00001
Hexachlorobenzene	0.001	0.0005

Chemical	Maximum Contaminant Levels (mg/L)	Reporting Detection Limit (mg/L)
Hexachlorocyclopentadiene	0.05	0.001
Lindane	0.0002	0.0002
Methoxychlor	0.03	0.01
Molinate	0.02	0.002
Oxamyl	0.05	0.02
Pentachlorophenol	0.001	0.0002
Picloram	0.5	0.001
Polychlorinated Biphenyls	0.0005	0.0005
Simazine	0.004	0.001
Thiobencarb	0.07	0.001
Toxaphene	0.003	0.001
1,2,3-Trichloropropane	0.000005	0.000005
2,3,7,8-TCDD (Dioxin)	3×10^{-8}	5×10^{-9}
2,4,5-TP (Silvex)	0.05	0.001

Attachment A-4 Secondary Maximum Contaminant Levels

Table 64449-A

Chemical	Levels/Units
Aluminum	0.2 mg/L
Color	15 Units
Copper	1.0 mg/L
Foaming Agents (MBAS)	0.5 mg/L
Iron	0.3 mg/L
Manganese	0.05 mg/L
Methyl-tert-butyl ether (MTBE)	0.005 mg/L
Odor -Threshold	3 Units
Silver	0.1 mg/L
Thiobencarb	0.001 mg/L
Turbidity	5 Units
Zinc	5.0 mg/L

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**ATTACHMENT B – STANDARD PROVISIONS
APPLICABLE TO WASTE DISCHARGE REQUIREMENTS**

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1. Duty to Comply

The Discharger shall comply with all conditions of these waste discharge requirements. A responsible party designated in the Order is legally responsible for maintaining the monitoring program and complying with the Order. Violations may result in enforcement actions, including Los Angeles Regional Water Quality Control Board (Los Angeles Water Board) orders or court orders requiring corrective actions or imposing civil monetary liability, or in the modification or revocation of these waste discharge requirements by the Los Angeles Water Board. (Water Code, §§ 13261, 13263, 13265, 13268, 13300, 13301, 13304, 13340, and 13350).

Failure to comply with any waste discharge requirement, monitoring and reporting requirement, or other order or prohibition issued, reissued or amended by the Los Angeles Water Board or State Water Resources Control Board (State Water Board) constitutes a violation of these waste discharge requirements and the Water Code, and may result in the imposition of civil liability. (Water Code, § 13350, subd. (a).)

2. General Prohibition

Neither the treatment nor the discharge of waste shall create pollution, contamination, or nuisance, as defined by Water Code section 13050. In addition, the discharge of waste classified as hazardous, as defined in California Code of Regulations, title 23, section 2521, subdivision (a), is also prohibited.

3. Availability

A copy of these waste discharge requirements shall be maintained at the discharge facility and shall be available at all times to operating personnel. (Water Code, § 13263.)

4. Change in Ownership

The Discharger shall notify the Executive Officer in writing at least 30 days before any proposed transfer of this responsibility for, and coverage under, this Order to a new Discharger. The written notice shall identify a specific effective date for the transfer of responsibility and coverage from the existing Discharger to the new Discharger. The transfer agreement shall acknowledge that the existing Discharger remains liable for violations occurring through the effective date of the transfer and that the new Discharger assumes liability for violations occurring on and after the effective date. (Water Code, §§ 13263 and 13267.)

5. Change in Discharge

In the event of a material change in the character, location, or volume of a discharge, the Discharger shall file a new Report of Waste Discharge with the Los Angeles

Water Board. (Water Code, § 13260, subd. (c).) A material change includes, but is not limited to, any of the following:

- (a) The addition of a major industrial waste discharge to a discharge consisting essentially of domestic sewage, or the addition of a new process or product by an industrial facility resulting in a change in the character of the waste;
- (b) A significant change in the disposal method, such as a change from land disposal to a direct discharge to water, or a change in the method of treatment that would significantly alter the characteristics of the waste;
- (c) A significant change in the disposal area, such as moving the discharge to another drainage area, a different water body, or a disposal area substantially removed from the original area, where the change may result in different water quality or nuisance impacts;
- (d) An increase in flow beyond the amount specified in the waste discharge requirements; or
- (e) An increase in the area or depth used for solid-waste disposal beyond that specified in the waste discharge requirements.

(Cal. Code Regs., tit. 23, § 2210.)

6. Revision

These waste discharge requirements are subject to review and revision by the Los Angeles Water Board. (Water Code, § 13263.)

7. Notification of Incorrect or Incomplete Information

Where the Discharger becomes aware that it failed to submit relevant facts in a Report of Waste Discharge, or submitted incorrect information in a Report of Waste Discharge or any other report to the Los Angeles Water Board, the Discharger shall promptly submit the omitted or corrected information. (Water Code, §§ 13260, 13267.)

8. Vested Rights

This Order does not convey any property rights of any kind or any exclusive privileges. The requirements prescribed in the Order do not authorize any act that causes injury to persons or property, do not protect the Discharger from liability under federal, state or local laws, and do not create a vested right for the Discharger to continue the discharge of waste. (Water Code, § 13263, subd. (g).)

9. Severability

The provisions of these waste discharge requirements are severable. If any provision of these requirements is found to be invalid, the remainder of the requirements shall not be affected.

10. Operation and Maintenance

The Discharger shall, at all times, properly operate and maintain all treatment and control facilities, systems, and related appurtenances installed or used to achieve compliance with this Order. Proper operation and maintenance include effective performance; adequate funding; adequate operator staffing and training; and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Order. (Water Code, § 13263, subd. (f).)

11. Hazardous-Substance and Sewage Release Notification

Except for a discharge that complies with these waste discharge requirements, any person who, without regard to intent or negligence, causes or permits a hazardous substance or sewage to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, shall immediately notify the Office of Emergency Services (Cal OES) and the State Water Board or the appropriate Regional Water Quality Control Board as soon as:

- a. The person has knowledge of the discharge;
- b. Notification is possible; and
- c. Notification can be provided without substantially impeding cleanup or other emergency-response measures.

Notification to Cal OES shall be made in accordance with the spill-reporting provisions of the state toxic disaster contingency plan adopted pursuant to article 3.7 (commencing with section 8574.16) of chapter 7 of division 1 of title 2 of the Government Code.

This provision does not require reporting of a discharge that is less than a reportable quantity established pursuant to Water Code section 13271, subdivisions (f) and (g), unless the discharge violates a prohibition contained in the applicable water quality control plan. (Water Code, § 13271, subd. (a).)

12. Oil or Petroleum Releases

Except for a discharge that complies with these waste discharge requirements, any person who, without regard to intent or negligence, causes or permits any oil or a petroleum product to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the

State, shall, as soon as (a) such person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State oil spill contingency plan adopted pursuant to article 3.5 (commencing with section 8574.1) of chapter 7 of division 1 of title 2 of the Government Code. This provision does not require reporting of any discharge of less than 42 gallons unless the discharge is also required to be reported pursuant to section 311 of the Clean Water Act or the discharge is in violation of a prohibition in the applicable Water Quality Control Plan. (Water Code, §13272.)

13. **Investigations and Inspections**

The Discharger shall allow the Los Angeles Water Board, or an authorized representative upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the Discharger's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Order;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
- (d) Sample or monitor at reasonable times, for the purposes of assuring compliance with this Order, or as otherwise authorized by the California Water Code, any substances or parameters at any location. (Water Code, § 13267.)
- (e) Except for material determined to be confidential in accordance with applicable law, all reports prepared in accordance with the terms of this Order shall be available for public inspection at the office of the Los Angeles Water Board. Data on waste discharges, water quality, geology, and hydrogeology shall not be considered confidential.

14. **Monitoring Program and Devices**

The Discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted. (Water Code, § 13267.)

All monitoring instruments and devices used by the Discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy. All flow measurement devices shall

be calibrated at least once per year, or more frequently, to ensure continued accuracy of the devices. Annually, the Discharger shall submit to the Executive Office a written statement, signed by a registered professional engineer, certifying that all flow measurement devices have been calibrated and will reliably achieve the accuracy required.

The analysis of any material required pursuant to Division 7 of the Water Code shall be performed by a laboratory that has accreditation or certification pursuant to article 3 (commencing with section 100825) of chapter 4 of part 1 of division 101 of the Health and Safety Code. However, this requirement does not apply to field tests, such as test for color, odor, turbidity, pH, temperature, dissolved oxygen, conductivity, and disinfectant residual chlorine. (Water Code, § 13176.) Unless otherwise permitted by the Regional Board Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses by the State Water Board's Division of Drinking Water. All analyses shall be required to be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants" (40 C.F.R. Part 136) promulgated by the United States, Environmental Protection Agency (USEPA). (Cal. Code Regs., tit. 23, § 2230.)

The Quality Assurance-Quality Control Program must conform to the USEPA Guidelines "Laboratory Documentation Requirements for Data Validation", January 1990, USEPA Region 9) or procedures approved by the Los Angeles Regional Water Quality Control Board.

All quality assurance and quality control (QA/QC) analyses must be run on the same dates when samples were actually analyzed. All QA/QC data shall be reported, along with the sample results to which they apply, including the method, equipment, analytical detection and quantitation limits, the percent recovery, and explanation for any recovery that falls outside the QC limits, the results of equipment and method blanks, the results of spiked and surrogate samples, the frequency of quality control analysis, and the name and qualifications of the person(s) performing the analyses. Sample results shall be reported unadjusted for blank results or spike recoveries. In cases where contaminants are detected in QA/QC samples (e.g., field, trip, or lab blanks); the accompanying sample results shall be appropriately flagged.

The Discharger shall make all QA/QC data available for inspection by Regional Board staff and submit the QA/QC documentation with its respective quarterly report. Proper chain of custody procedures must be followed and a copy of that documentation shall be submitted with the quarterly report.

15. **Treatment Failure**

In an enforcement action, it shall not be a defense for the Discharger that it would have been necessary to halt or to reduce the permitted activity in order to maintain compliance with this Order. Upon reduction, loss, or failure of the treatment facility, the Discharger shall, to the extent necessary to maintain compliance with this Order, control production or all discharges, or both, until the facility is restored or an

alternative method of treatment is provided. This provision applies, for example, when the primary source of power of the treatment facility fails, is reduced, or is lost. (Water Code, § 13263, subd. (f).)

16. Discharge to Navigable Waters

A person who discharges pollutants or proposes to discharge pollutants or proposes to discharge pollutants to the navigable waters of the United States within the jurisdiction of this state or a person who discharges dredged or fill material or proposes to discharge dredged or fill material into the navigable waters of the United States within the jurisdiction of this state shall file a report of waste discharge in compliance with the procedures set forth in Water Code section 13260. (Water Code, § 13376.)

17. Endangerment to Health and Environment

The Discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided verbally to the Executive Officer within 24 hours from the time the Discharger becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Discharger becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Executive officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours. The following occurrence(s) must be reported to the Executive Office within 24 hours:

- (a) Any bypass from any portion of the treatment facility.
- (b) Any discharge of treated or untreated wastewater resulting from sewer line breaks, obstruction, surcharge or any other circumstances.
- (c) Any treatment plan upset which causes the effluent limitation of this Order to be exceeded. (Water Code, §§ 13263 and 13267.)

18. Maintenance of Records

The Discharger shall retain records of all monitoring information including all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies off all reports required by this Order, and record of all data used to complete the application for this Order. Records shall be maintained for a minimum of three years from the date of the sample, measurement, report, or application. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board Executive Officer.

Records of monitoring information shall include:

- (a) The date, exact place, and time of sampling or measurement;
 - (b) The individual(s) who performed the sampling or measurement;
 - (c) The date(s) analyses were performed;
 - (d) The individual(s) who performed the analyses;
 - (e) The analytical techniques or method used; and
 - (f) The results of such analyses.
19. (a) All application reports or information to be submitted to the Executive Office shall be signed and certified as follows:
- (1) For a corporation – by a principal executive officer or at least the level of vice president.
 - (2) For a partnership or sole proprietorship – by a general partner or the proprietor, respectively.
 - (3) For a municipality, state, federal, or other public agency – by either a principal executive officer or ranking elected official.
- (b) A duly authorized representative of a person designated in paragraph (a) of this provision may sign documents if:
- (1) The authorization is made in writing by a person described in paragraph (a) of this provision.
 - (2) The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
 - (3) The written authorization is submitted to the Executive Officer.

Any person signing a document under this Section shall make the following certification:

“I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. [Water Code §§ 13263, 13267, and 13268.]”

20. **Operator Certification**

Operators of municipal wastewater treatment plants and privately owned facilities regulated by the Public Utilities Commission, used in the treatment or reclamation of sewage and industrial waste shall possess a certificate of appropriate grade in accordance with California Code of Regulations, title 23, section 3680. In lieu of a properly certified wastewater treatment plant operator, the State Water Board may approve use of a water treatment plant operator of appropriate grade certified by the State Department of Public Health where reclamation is involved. (Cal Code Regs., tit. 23, § 3670.1, subd. (b).)

ADDITIONAL PROVISIONS APPLICABLE TO PUBLICLY OWNED TREATMENT WORKS' ADEQUATE CAPACITY

21. Whenever a regional board finds that a publicly owned wastewater treatment plant will reach capacity within four years, the board shall notify the Discharger. Such notification shall inform the Discharger that the regional board will consider adopting a time schedule order pursuant to section 13300 of the Water Code or other enforcement order unless the Discharger can demonstrate that adequate steps are being taken to address the capacity problem. The notification shall require the Discharger to submit a technical report to the regional board within 120 days showing how flow volumes will be prevented from exceeding existing capacity or how capacity will be increased. A copy of such notification shall be sent to appropriate local elected officials, local permitting agencies and the press. The time for filing the required technical report may be extended by the regional board. An extension of 30 days may be granted by the executive officer. Longer extensions may be granted by the regional board itself. (Cal. Code Regs., tit. 23, § 2232.)

Attachment C – Monitoring for Priority Pollutants

Acenaphthene	Bromoform
Acrolein	Dichlorobromomethane
Acrylonitrile	Chlorodibromomethane
Benzene	Hexachlorobutadiene
Benzidine	Hexachlorocyclopentadiene
Carbon tetrachloride	Isophorone
Chlorobenzene	Naphthalene
1,2,4-trichlorobenzene	Nitrobenzene
Hexachlorobenzene	2-nitrophenol
1,2-dichloroethane	4-nitrophenol
1,1,1-trichloroethane	2,4-dinitrophenol
Hexachloroethane	4,6-dinitro-o-cresol
1,1-dichloroethane	N-nitrosodimethylamine
1,1,2-trichloroethane	N-nitrosodiphenylamine
1,1,2,2-tetrachloroethane	N-nitrosodi-n-propylamine
Chloroethane	Pentachlorophenol
Bis(2-chloroethyl) ether	Phenol
2-chloroethyl vinyl ethers	Bis(2-ethylhexyl) phthalate
2-chloronaphthalene	Butyl benzyl phthalate
2,4,6-trichlorophenol	Di-N-Butyl Phthalate 2
Parachlorometa cresol	Di-n-octyl phthalate
Chloroform	Diethyl Phthalate
2-chlorophenol	Dimethyl phthalate
1,2-dichlorobenzene	Benzo(a) anthracene
1,3-dichlorobenzene	Benzo(a) pyrene
1,4-dichlorobenzene	Benzo(b) fluoranthene
3,3-dichlorobenzidine	Benzo(k) fluoranthene
1,1-dichloroethylene	Chrysene
1,2-trans-dichloroethylene	Acenaphthylene
2,4-dichlorophenol	Anthracene
1,2-dichloropropane	Benzo(ghi) perylene
1,3-dichloropropylene	Fluorene
2,4-dimethylphenol	Phenanthrene
2,4-dinitrotoluene	Dibenzo(,h) anthracene
2,6-dinitrotoluene	Indeno (1,2,3-cd) pyrene
1,2-diphenylhydrazine	Pyrene
Ethylbenzene	Tetrachloroethylene
Fluoranthene	Toluene
4-chlorophenyl phenyl ether	Trichloroethylene
4-bromophenyl phenyl ether	Vinyl chloride
Bis(2-chloroisopropyl) ether	Aldrin
Bis(2-chloroethoxy) methane	Dieldrin
Methylene chloride	Chlordane
Methyl chloride	4,4-DDT
Methyl bromide	4,4-DDE

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Alpha-endosulfan
Beta-endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Alpha-BHC
Beta-BHC
Gamma-BHC
Delta-BHC
PCB-1242 (Arochlor 1242)
PCB-1254 (Arochlor 1254)
PCB-1221 (Arochlor 1221)
PCB-1232 (Arochlor 1232)
PCB-1248 (Arochlor 1248)
PCB-1260 (Arochlor 1260)
PCB-1016 (Arochlor 1016)
Toxaphene
Antimony
Arsenic
Asbestos
Beryllium
Cadmium
Chromium
Copper
Cyanide, Total
Lead
Mercury
Nickel
Selenium
Silver
Thallium
Zinc
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