

Global Industrial Effluent Treatment Market 2024 by Company, Regions, Type and Application, Forecast to 2030

https://marketpublishers.com/r/G3852019492AEN.html

Date: July 2024

Pages: 143

Price: US\$ 3,480.00 (Single User License)

ID: G3852019492AEN

Abstracts

According to our (Global Info Research) latest study, the global Industrial Effluent Treatment market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Industrial effluent treatment describes the processes used for treating wastewater that is produced by industries as an undesirable by-product.

The Global Info Research report includes an overview of the development of the Industrial Effluent Treatment industry chain, the market status of Paper Mills (On-site Treatment, Off-site Treatment), Petrochemical (On-site Treatment, Off-site Treatment), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Industrial Effluent Treatment.

Regionally, the report analyzes the Industrial Effluent Treatment markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Industrial Effluent Treatment market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Industrial Effluent Treatment market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends,



challenges, and opportunities within the Industrial Effluent Treatment industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., On-site Treatment, Off-site Treatment).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Industrial Effluent Treatment market.

Regional Analysis: The report involves examining the Industrial Effluent Treatment market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Industrial Effluent Treatment market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Industrial Effluent Treatment:

Company Analysis: Report covers individual Industrial Effluent Treatment players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Industrial Effluent Treatment This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Paper Mills, Petrochemical).

Technology Analysis: Report covers specific technologies relevant to Industrial Effluent Treatment. It assesses the current state, advancements, and potential future developments in Industrial Effluent Treatment areas.



Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Industrial Effluent Treatment market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Industrial Effluent Treatment market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type
On-site Treatment
Off-site Treatment

Market segment by Application

Paper Mills

Petrochemical

Pharmaceutical

Textile

Market segment by players, this report covers

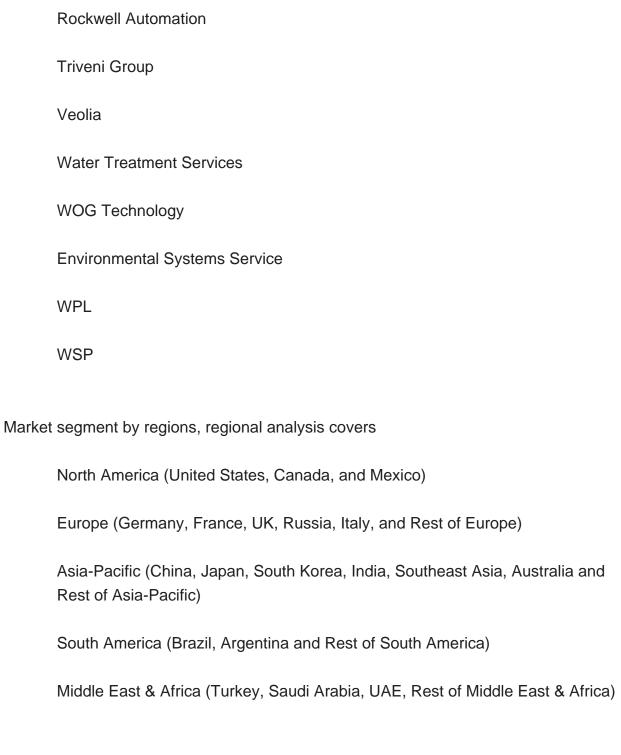
SUEZ

AOS Treatment Solutions

AquaTreat







The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Industrial Effluent Treatment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Industrial Effluent Treatment, with revenue, gross margin and global market share of Industrial Effluent Treatment from 2019 to 2024.



Chapter 3, the Industrial Effluent Treatment competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024.and Industrial Effluent Treatment market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Industrial Effluent Treatment.

Chapter 13, to describe Industrial Effluent Treatment research findings and conclusion.



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Industrial Effluent Treatment
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Classification of Industrial Effluent Treatment by Type
- 1.3.1 Overview: Global Industrial Effluent Treatment Market Size by Type: 2019 Versus 2023 Versus 2030
- 1.3.2 Global Industrial Effluent Treatment Consumption Value Market Share by Type in 2023
 - 1.3.3 On-site Treatment
 - 1.3.4 Off-site Treatment
- 1.4 Global Industrial Effluent Treatment Market by Application
- 1.4.1 Overview: Global Industrial Effluent Treatment Market Size by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Paper Mills
 - 1.4.3 Petrochemical
 - 1.4.4 Pharmaceutical
 - 1.4.5 Textile
- 1.5 Global Industrial Effluent Treatment Market Size & Forecast
- 1.6 Global Industrial Effluent Treatment Market Size and Forecast by Region
- 1.6.1 Global Industrial Effluent Treatment Market Size by Region: 2019 VS 2023 VS 2030
 - 1.6.2 Global Industrial Effluent Treatment Market Size by Region, (2019-2030)
- 1.6.3 North America Industrial Effluent Treatment Market Size and Prospect (2019-2030)
 - 1.6.4 Europe Industrial Effluent Treatment Market Size and Prospect (2019-2030)
 - 1.6.5 Asia-Pacific Industrial Effluent Treatment Market Size and Prospect (2019-2030)
- 1.6.6 South America Industrial Effluent Treatment Market Size and Prospect (2019-2030)
- 1.6.7 Middle East and Africa Industrial Effluent Treatment Market Size and Prospect (2019-2030)

2 COMPANY PROFILES

- **2.1 SUEZ**
 - 2.1.1 SUEZ Details
 - 2.1.2 SUEZ Major Business



- 2.1.3 SUEZ Industrial Effluent Treatment Product and Solutions
- 2.1.4 SUEZ Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 SUEZ Recent Developments and Future Plans
- 2.2 AOS Treatment Solutions
 - 2.2.1 AOS Treatment Solutions Details
 - 2.2.2 AOS Treatment Solutions Major Business
 - 2.2.3 AOS Treatment Solutions Industrial Effluent Treatment Product and Solutions
- 2.2.4 AOS Treatment Solutions Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.2.5 AOS Treatment Solutions Recent Developments and Future Plans
- 2.3 AquaTreat
 - 2.3.1 AquaTreat Details
 - 2.3.2 AquaTreat Major Business
 - 2.3.3 AquaTreat Industrial Effluent Treatment Product and Solutions
- 2.3.4 AquaTreat Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 AquaTreat Recent Developments and Future Plans
- 2.4 Austro Water Tech
 - 2.4.1 Austro Water Tech Details
 - 2.4.2 Austro Water Tech Major Business
 - 2.4.3 Austro Water Tech Industrial Effluent Treatment Product and Solutions
- 2.4.4 Austro Water Tech Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Austro Water Tech Recent Developments and Future Plans
- 2.5 Biochemica
 - 2.5.1 Biochemica Details
 - 2.5.2 Biochemica Major Business
 - 2.5.3 Biochemica Industrial Effluent Treatment Product and Solutions
- 2.5.4 Biochemica Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Biochemica Recent Developments and Future Plans
- 2.6 Burns & McDonnell
 - 2.6.1 Burns & McDonnell Details
 - 2.6.2 Burns & McDonnell Major Business
 - 2.6.3 Burns & McDonnell Industrial Effluent Treatment Product and Solutions
- 2.6.4 Burns & McDonnell Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Burns & McDonnell Recent Developments and Future Plans



- 2.7 Calgon Carbon
 - 2.7.1 Calgon Carbon Details
 - 2.7.2 Calgon Carbon Major Business
 - 2.7.3 Calgon Carbon Industrial Effluent Treatment Product and Solutions
- 2.7.4 Calgon Carbon Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
- 2.7.5 Calgon Carbon Recent Developments and Future Plans
- 2.8 ChemTreat
 - 2.8.1 ChemTreat Details
 - 2.8.2 ChemTreat Major Business
 - 2.8.3 ChemTreat Industrial Effluent Treatment Product and Solutions
- 2.8.4 ChemTreat Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.8.5 ChemTreat Recent Developments and Future Plans
- 2.9 Clean Harbors
 - 2.9.1 Clean Harbors Details
 - 2.9.2 Clean Harbors Major Business
 - 2.9.3 Clean Harbors Industrial Effluent Treatment Product and Solutions
- 2.9.4 Clean Harbors Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
- 2.9.5 Clean Harbors Recent Developments and Future Plans
- 2.10 CMI Group
 - 2.10.1 CMI Group Details
 - 2.10.2 CMI Group Major Business
 - 2.10.3 CMI Group Industrial Effluent Treatment Product and Solutions
- 2.10.4 CMI Group Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 CMI Group Recent Developments and Future Plans
- 2.11 DAS
 - 2.11.1 DAS Details
 - 2.11.2 DAS Major Business
 - 2.11.3 DAS Industrial Effluent Treatment Product and Solutions
- 2.11.4 DAS Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 DAS Recent Developments and Future Plans
- 2.12 DMP
 - 2.12.1 DMP Details
 - 2.12.2 DMP Major Business
 - 2.12.3 DMP Industrial Effluent Treatment Product and Solutions



- 2.12.4 DMP Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
- 2.12.5 DMP Recent Developments and Future Plans
- 2.13 Ecosphere Technologies
 - 2.13.1 Ecosphere Technologies Details
 - 2.13.2 Ecosphere Technologies Major Business
 - 2.13.3 Ecosphere Technologies Industrial Effluent Treatment Product and Solutions
- 2.13.4 Ecosphere Technologies Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
- 2.13.5 Ecosphere Technologies Recent Developments and Future Plans
- **2.14 ENEXIO**
 - 2.14.1 ENEXIO Details
 - 2.14.2 ENEXIO Major Business
 - 2.14.3 ENEXIO Industrial Effluent Treatment Product and Solutions
- 2.14.4 ENEXIO Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
- 2.14.5 ENEXIO Recent Developments and Future Plans
- 2.15 Evoqua
 - 2.15.1 Evoqua Details
 - 2.15.2 Evoqua Major Business
 - 2.15.3 Evoqua Industrial Effluent Treatment Product and Solutions
- 2.15.4 Evoqua Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.15.5 Evoqua Recent Developments and Future Plans
- 2.16 Gannett Fleming
 - 2.16.1 Gannett Fleming Details
 - 2.16.2 Gannett Fleming Major Business
 - 2.16.3 Gannett Fleming Industrial Effluent Treatment Product and Solutions
- 2.16.4 Gannett Fleming Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.16.5 Gannett Fleming Recent Developments and Future Plans
- 2.17 Industrial Waste Water Services
 - 2.17.1 Industrial Waste Water Services Details
 - 2.17.2 Industrial Waste Water Services Major Business
- 2.17.3 Industrial Waste Water Services Industrial Effluent Treatment Product and Solutions
- 2.17.4 Industrial Waste Water Services Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.17.5 Industrial Waste Water Services Recent Developments and Future Plans



- 2.18 Integrated Effluent Solutions
 - 2.18.1 Integrated Effluent Solutions Details
 - 2.18.2 Integrated Effluent Solutions Major Business
- 2.18.3 Integrated Effluent Solutions Industrial Effluent Treatment Product and Solutions
- 2.18.4 Integrated Effluent Solutions Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.18.5 Integrated Effluent Solutions Recent Developments and Future Plans
- 2.19 Layne
 - 2.19.1 Layne Details
 - 2.19.2 Layne Major Business
 - 2.19.3 Layne Industrial Effluent Treatment Product and Solutions
- 2.19.4 Layne Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.19.5 Layne Recent Developments and Future Plans
- 2.20 Mabbett
 - 2.20.1 Mabbett Details
 - 2.20.2 Mabbett Major Business
 - 2.20.3 Mabbett Industrial Effluent Treatment Product and Solutions
- 2.20.4 Mabbett Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.20.5 Mabbett Recent Developments and Future Plans
- 2.21 Puretech Environmental
 - 2.21.1 Puretech Environmental Details
 - 2.21.2 Puretech Environmental Major Business
 - 2.21.3 Puretech Environmental Industrial Effluent Treatment Product and Solutions
- 2.21.4 Puretech Environmental Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
- 2.21.5 Puretech Environmental Recent Developments and Future Plans
- 2.22 R & M Engineering
 - 2.22.1 R & M Engineering Details
 - 2.22.2 R & M Engineering Major Business
 - 2.22.3 R & M Engineering Industrial Effluent Treatment Product and Solutions
- 2.22.4 R & M Engineering Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.22.5 R & M Engineering Recent Developments and Future Plans
- 2.23 Rockwell Automation
 - 2.23.1 Rockwell Automation Details
- 2.23.2 Rockwell Automation Major Business



- 2.23.3 Rockwell Automation Industrial Effluent Treatment Product and Solutions
- 2.23.4 Rockwell Automation Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.23.5 Rockwell Automation Recent Developments and Future Plans
- 2.24 Triveni Group
 - 2.24.1 Triveni Group Details
 - 2.24.2 Triveni Group Major Business
 - 2.24.3 Triveni Group Industrial Effluent Treatment Product and Solutions
- 2.24.4 Triveni Group Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
- 2.24.5 Triveni Group Recent Developments and Future Plans
- 2.25 Veolia
 - 2.25.1 Veolia Details
 - 2.25.2 Veolia Major Business
 - 2.25.3 Veolia Industrial Effluent Treatment Product and Solutions
- 2.25.4 Veolia Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
- 2.25.5 Veolia Recent Developments and Future Plans
- 2.26 Water Treatment Services
 - 2.26.1 Water Treatment Services Details
 - 2.26.2 Water Treatment Services Major Business
 - 2.26.3 Water Treatment Services Industrial Effluent Treatment Product and Solutions
- 2.26.4 Water Treatment Services Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
- 2.26.5 Water Treatment Services Recent Developments and Future Plans
- 2.27 WOG Technology
 - 2.27.1 WOG Technology Details
 - 2.27.2 WOG Technology Major Business
 - 2.27.3 WOG Technology Industrial Effluent Treatment Product and Solutions
- 2.27.4 WOG Technology Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.27.5 WOG Technology Recent Developments and Future Plans
- 2.28 Environmental Systems Service
 - 2.28.1 Environmental Systems Service Details
 - 2.28.2 Environmental Systems Service Major Business
- 2.28.3 Environmental Systems Service Industrial Effluent Treatment Product and Solutions
- 2.28.4 Environmental Systems Service Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)



- 2.28.5 Environmental Systems Service Recent Developments and Future Plans 2.29 WPL
- 2.29.1 WPL Details
- 2.29.2 WPL Major Business
- 2.29.3 WPL Industrial Effluent Treatment Product and Solutions
- 2.29.4 WPL Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.29.5 WPL Recent Developments and Future Plans
- 2.30 WSP
 - 2.30.1 WSP Details
 - 2.30.2 WSP Major Business
 - 2.30.3 WSP Industrial Effluent Treatment Product and Solutions
- 2.30.4 WSP Industrial Effluent Treatment Revenue, Gross Margin and Market Share (2019-2024)
 - 2.30.5 WSP Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

- 3.1 Global Industrial Effluent Treatment Revenue and Share by Players (2019-2024)
- 3.2 Market Share Analysis (2023)
 - 3.2.1 Market Share of Industrial Effluent Treatment by Company Revenue
 - 3.2.2 Top 3 Industrial Effluent Treatment Players Market Share in 2023
- 3.2.3 Top 6 Industrial Effluent Treatment Players Market Share in 2023
- 3.3 Industrial Effluent Treatment Market: Overall Company Footprint Analysis
 - 3.3.1 Industrial Effluent Treatment Market: Region Footprint
 - 3.3.2 Industrial Effluent Treatment Market: Company Product Type Footprint
 - 3.3.3 Industrial Effluent Treatment Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY TYPE

- 4.1 Global Industrial Effluent Treatment Consumption Value and Market Share by Type (2019-2024)
- 4.2 Global Industrial Effluent Treatment Market Forecast by Type (2025-2030)

5 MARKET SIZE SEGMENT BY APPLICATION

5.1 Global Industrial Effluent Treatment Consumption Value Market Share by



Application (2019-2024)

5.2 Global Industrial Effluent Treatment Market Forecast by Application (2025-2030)

6 NORTH AMERICA

- 6.1 North America Industrial Effluent Treatment Consumption Value by Type (2019-2030)
- 6.2 North America Industrial Effluent Treatment Consumption Value by Application (2019-2030)
- 6.3 North America Industrial Effluent Treatment Market Size by Country
- 6.3.1 North America Industrial Effluent Treatment Consumption Value by Country (2019-2030)
- 6.3.2 United States Industrial Effluent Treatment Market Size and Forecast (2019-2030)
- 6.3.3 Canada Industrial Effluent Treatment Market Size and Forecast (2019-2030)
- 6.3.4 Mexico Industrial Effluent Treatment Market Size and Forecast (2019-2030)

7 EUROPE

- 7.1 Europe Industrial Effluent Treatment Consumption Value by Type (2019-2030)
- 7.2 Europe Industrial Effluent Treatment Consumption Value by Application (2019-2030)
- 7.3 Europe Industrial Effluent Treatment Market Size by Country
 - 7.3.1 Europe Industrial Effluent Treatment Consumption Value by Country (2019-2030)
 - 7.3.2 Germany Industrial Effluent Treatment Market Size and Forecast (2019-2030)
 - 7.3.3 France Industrial Effluent Treatment Market Size and Forecast (2019-2030)
- 7.3.4 United Kingdom Industrial Effluent Treatment Market Size and Forecast (2019-2030)
 - 7.3.5 Russia Industrial Effluent Treatment Market Size and Forecast (2019-2030)
- 7.3.6 Italy Industrial Effluent Treatment Market Size and Forecast (2019-2030)

8 ASIA-PACIFIC

- 8.1 Asia-Pacific Industrial Effluent Treatment Consumption Value by Type (2019-2030)
- 8.2 Asia-Pacific Industrial Effluent Treatment Consumption Value by Application (2019-2030)
- 8.3 Asia-Pacific Industrial Effluent Treatment Market Size by Region
- 8.3.1 Asia-Pacific Industrial Effluent Treatment Consumption Value by Region (2019-2030)
 - 8.3.2 China Industrial Effluent Treatment Market Size and Forecast (2019-2030)



- 8.3.3 Japan Industrial Effluent Treatment Market Size and Forecast (2019-2030)
- 8.3.4 South Korea Industrial Effluent Treatment Market Size and Forecast (2019-2030)
- 8.3.5 India Industrial Effluent Treatment Market Size and Forecast (2019-2030)
- 8.3.6 Southeast Asia Industrial Effluent Treatment Market Size and Forecast (2019-2030)
 - 8.3.7 Australia Industrial Effluent Treatment Market Size and Forecast (2019-2030)

9 SOUTH AMERICA

- 9.1 South America Industrial Effluent Treatment Consumption Value by Type (2019-2030)
- 9.2 South America Industrial Effluent Treatment Consumption Value by Application (2019-2030)
- 9.3 South America Industrial Effluent Treatment Market Size by Country
- 9.3.1 South America Industrial Effluent Treatment Consumption Value by Country (2019-2030)
- 9.3.2 Brazil Industrial Effluent Treatment Market Size and Forecast (2019-2030)
- 9.3.3 Argentina Industrial Effluent Treatment Market Size and Forecast (2019-2030)

10 MIDDLE EAST & AFRICA

- 10.1 Middle East & Africa Industrial Effluent Treatment Consumption Value by Type (2019-2030)
- 10.2 Middle East & Africa Industrial Effluent Treatment Consumption Value by Application (2019-2030)
- 10.3 Middle East & Africa Industrial Effluent Treatment Market Size by Country
- 10.3.1 Middle East & Africa Industrial Effluent Treatment Consumption Value by Country (2019-2030)
 - 10.3.2 Turkey Industrial Effluent Treatment Market Size and Forecast (2019-2030)
- 10.3.3 Saudi Arabia Industrial Effluent Treatment Market Size and Forecast (2019-2030)
 - 10.3.4 UAE Industrial Effluent Treatment Market Size and Forecast (2019-2030)

11 MARKET DYNAMICS

- 11.1 Industrial Effluent Treatment Market Drivers
- 11.2 Industrial Effluent Treatment Market Restraints
- 11.3 Industrial Effluent Treatment Trends Analysis
- 11.4 Porters Five Forces Analysis



- 11.4.1 Threat of New Entrants
- 11.4.2 Bargaining Power of Suppliers
- 11.4.3 Bargaining Power of Buyers
- 11.4.4 Threat of Substitutes
- 11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

- 12.1 Industrial Effluent Treatment Industry Chain
- 12.2 Industrial Effluent Treatment Upstream Analysis
- 12.3 Industrial Effluent Treatment Midstream Analysis
- 12.4 Industrial Effluent Treatment Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Research Process and Data Source
- 14.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Global Industrial Effluent Treatment Consumption Value by Type, (USD

Million), 2019 & 2023 & 2030

Table 2. Global Industrial Effluent Treatment Consumption Value by Application, (USD

Million), 2019 & 2023 & 2030

Table 3. Global Industrial Effluent Treatment Consumption Value by Region

(2019-2024) & (USD Million)

Table 4. Global Industrial Effluent Treatment Consumption Value by Region

(2025-2030) & (USD Million)

Table 5. SUEZ Company Information, Head Office, and Major Competitors

Table 6. SUEZ Major Business

Table 7. SUEZ Industrial Effluent Treatment Product and Solutions

Table 8. SUEZ Industrial Effluent Treatment Revenue (USD Million), Gross Margin and

Market Share (2019-2024)

Table 9. SUEZ Recent Developments and Future Plans

Table 10. AOS Treatment Solutions Company Information, Head Office, and Major

Competitors

Table 11. AOS Treatment Solutions Major Business

Table 12. AOS Treatment Solutions Industrial Effluent Treatment Product and Solutions

Table 13. AOS Treatment Solutions Industrial Effluent Treatment Revenue (USD

Million), Gross Margin and Market Share (2019-2024)

Table 14. AOS Treatment Solutions Recent Developments and Future Plans

Table 15. AquaTreat Company Information, Head Office, and Major Competitors

Table 16. AquaTreat Major Business

Table 17. AquaTreat Industrial Effluent Treatment Product and Solutions

Table 18. AquaTreat Industrial Effluent Treatment Revenue (USD Million), Gross Margin

and Market Share (2019-2024)

Table 19. AquaTreat Recent Developments and Future Plans

Table 20. Austro Water Tech Company Information, Head Office, and Major

Competitors

Table 21. Austro Water Tech Major Business

Table 22. Austro Water Tech Industrial Effluent Treatment Product and Solutions

Table 23. Austro Water Tech Industrial Effluent Treatment Revenue (USD Million),

Gross Margin and Market Share (2019-2024)

Table 24. Austro Water Tech Recent Developments and Future Plans

Table 25. Biochemica Company Information, Head Office, and Major Competitors



- Table 26. Biochemica Major Business
- Table 27. Biochemica Industrial Effluent Treatment Product and Solutions
- Table 28. Biochemica Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 29. Biochemica Recent Developments and Future Plans
- Table 30. Burns & McDonnell Company Information, Head Office, and Major Competitors
- Table 31. Burns & McDonnell Major Business
- Table 32. Burns & McDonnell Industrial Effluent Treatment Product and Solutions
- Table 33. Burns & McDonnell Industrial Effluent Treatment Revenue (USD Million),
- Gross Margin and Market Share (2019-2024)
- Table 34. Burns & McDonnell Recent Developments and Future Plans
- Table 35. Calgon Carbon Company Information, Head Office, and Major Competitors
- Table 36. Calgon Carbon Major Business
- Table 37. Calgon Carbon Industrial Effluent Treatment Product and Solutions
- Table 38. Calgon Carbon Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 39. Calgon Carbon Recent Developments and Future Plans
- Table 40. ChemTreat Company Information, Head Office, and Major Competitors
- Table 41. ChemTreat Major Business
- Table 42. ChemTreat Industrial Effluent Treatment Product and Solutions
- Table 43. ChemTreat Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 44. ChemTreat Recent Developments and Future Plans
- Table 45. Clean Harbors Company Information, Head Office, and Major Competitors
- Table 46. Clean Harbors Major Business
- Table 47. Clean Harbors Industrial Effluent Treatment Product and Solutions
- Table 48. Clean Harbors Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 49. Clean Harbors Recent Developments and Future Plans
- Table 50. CMI Group Company Information, Head Office, and Major Competitors
- Table 51. CMI Group Major Business
- Table 52. CMI Group Industrial Effluent Treatment Product and Solutions
- Table 53. CMI Group Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 54. CMI Group Recent Developments and Future Plans
- Table 55. DAS Company Information, Head Office, and Major Competitors
- Table 56. DAS Major Business
- Table 57. DAS Industrial Effluent Treatment Product and Solutions



- Table 58. DAS Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 59. DAS Recent Developments and Future Plans
- Table 60. DMP Company Information, Head Office, and Major Competitors
- Table 61. DMP Major Business
- Table 62. DMP Industrial Effluent Treatment Product and Solutions
- Table 63. DMP Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 64. DMP Recent Developments and Future Plans
- Table 65. Ecosphere Technologies Company Information, Head Office, and Major Competitors
- Table 66. Ecosphere Technologies Major Business
- Table 67. Ecosphere Technologies Industrial Effluent Treatment Product and Solutions
- Table 68. Ecosphere Technologies Industrial Effluent Treatment Revenue (USD
- Million), Gross Margin and Market Share (2019-2024)
- Table 69. Ecosphere Technologies Recent Developments and Future Plans
- Table 70. ENEXIO Company Information, Head Office, and Major Competitors
- Table 71. ENEXIO Major Business
- Table 72. ENEXIO Industrial Effluent Treatment Product and Solutions
- Table 73. ENEXIO Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 74. ENEXIO Recent Developments and Future Plans
- Table 75. Evoqua Company Information, Head Office, and Major Competitors
- Table 76. Evoqua Major Business
- Table 77. Evoqua Industrial Effluent Treatment Product and Solutions
- Table 78. Evoqua Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 79. Evoqua Recent Developments and Future Plans
- Table 80. Gannett Fleming Company Information, Head Office, and Major Competitors
- Table 81. Gannett Fleming Major Business
- Table 82. Gannett Fleming Industrial Effluent Treatment Product and Solutions
- Table 83. Gannett Fleming Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 84. Gannett Fleming Recent Developments and Future Plans
- Table 85. Industrial Waste Water Services Company Information, Head Office, and Major Competitors
- Table 86. Industrial Waste Water Services Major Business
- Table 87. Industrial Waste Water Services Industrial Effluent Treatment Product and Solutions



- Table 88. Industrial Waste Water Services Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 89. Industrial Waste Water Services Recent Developments and Future Plans
- Table 90. Integrated Effluent Solutions Company Information, Head Office, and Major Competitors
- Table 91. Integrated Effluent Solutions Major Business
- Table 92. Integrated Effluent Solutions Industrial Effluent Treatment Product and Solutions
- Table 93. Integrated Effluent Solutions Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 94. Integrated Effluent Solutions Recent Developments and Future Plans
- Table 95. Layne Company Information, Head Office, and Major Competitors
- Table 96. Layne Major Business
- Table 97. Layne Industrial Effluent Treatment Product and Solutions
- Table 98. Layne Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 99. Layne Recent Developments and Future Plans
- Table 100. Mabbett Company Information, Head Office, and Major Competitors
- Table 101. Mabbett Major Business
- Table 102. Mabbett Industrial Effluent Treatment Product and Solutions
- Table 103. Mabbett Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 104. Mabbett Recent Developments and Future Plans
- Table 105. Puretech Environmental Company Information, Head Office, and Major Competitors
- Table 106. Puretech Environmental Major Business
- Table 107. Puretech Environmental Industrial Effluent Treatment Product and Solutions
- Table 108. Puretech Environmental Industrial Effluent Treatment Revenue (USD
- Million), Gross Margin and Market Share (2019-2024)
- Table 109. Puretech Environmental Recent Developments and Future Plans
- Table 110. R & M Engineering Company Information, Head Office, and Major Competitors
- Table 111. R & M Engineering Major Business
- Table 112. R & M Engineering Industrial Effluent Treatment Product and Solutions
- Table 113. R & M Engineering Industrial Effluent Treatment Revenue (USD Million),
- Gross Margin and Market Share (2019-2024)
- Table 114. R & M Engineering Recent Developments and Future Plans
- Table 115. Rockwell Automation Company Information, Head Office, and Major Competitors



- Table 116. Rockwell Automation Major Business
- Table 117. Rockwell Automation Industrial Effluent Treatment Product and Solutions
- Table 118. Rockwell Automation Industrial Effluent Treatment Revenue (USD Million),
- Gross Margin and Market Share (2019-2024)
- Table 119. Rockwell Automation Recent Developments and Future Plans
- Table 120. Triveni Group Company Information, Head Office, and Major Competitors
- Table 121. Triveni Group Major Business
- Table 122. Triveni Group Industrial Effluent Treatment Product and Solutions
- Table 123. Triveni Group Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 124. Triveni Group Recent Developments and Future Plans
- Table 125. Veolia Company Information, Head Office, and Major Competitors
- Table 126. Veolia Major Business
- Table 127. Veolia Industrial Effluent Treatment Product and Solutions
- Table 128. Veolia Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 129. Veolia Recent Developments and Future Plans
- Table 130. Water Treatment Services Company Information, Head Office, and Major Competitors
- Table 131. Water Treatment Services Major Business
- Table 132. Water Treatment Services Industrial Effluent Treatment Product and Solutions
- Table 133. Water Treatment Services Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 134. Water Treatment Services Recent Developments and Future Plans
- Table 135. WOG Technology Company Information, Head Office, and Major Competitors
- Table 136. WOG Technology Major Business
- Table 137. WOG Technology Industrial Effluent Treatment Product and Solutions
- Table 138. WOG Technology Industrial Effluent Treatment Revenue (USD Million),
- Gross Margin and Market Share (2019-2024)
- Table 139. WOG Technology Recent Developments and Future Plans
- Table 140. Environmental Systems Service Company Information, Head Office, and Major Competitors
- Table 141. Environmental Systems Service Major Business
- Table 142. Environmental Systems Service Industrial Effluent Treatment Product and Solutions
- Table 143. Environmental Systems Service Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)



- Table 144. Environmental Systems Service Recent Developments and Future Plans
- Table 145. WPL Company Information, Head Office, and Major Competitors
- Table 146. WPL Major Business
- Table 147. WPL Industrial Effluent Treatment Product and Solutions
- Table 148. WPL Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 149. WPL Recent Developments and Future Plans
- Table 150. WSP Company Information, Head Office, and Major Competitors
- Table 151. WSP Major Business
- Table 152. WSP Industrial Effluent Treatment Product and Solutions
- Table 153. WSP Industrial Effluent Treatment Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 154. WSP Recent Developments and Future Plans
- Table 155. Global Industrial Effluent Treatment Revenue (USD Million) by Players (2019-2024)
- Table 156. Global Industrial Effluent Treatment Revenue Share by Players (2019-2024)
- Table 157. Breakdown of Industrial Effluent Treatment by Company Type (Tier 1, Tier 2, and Tier 3)
- Table 158. Market Position of Players in Industrial Effluent Treatment, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2023
- Table 159. Head Office of Key Industrial Effluent Treatment Players
- Table 160. Industrial Effluent Treatment Market: Company Product Type Footprint
- Table 161. Industrial Effluent Treatment Market: Company Product Application Footprint
- Table 162. Industrial Effluent Treatment New Market Entrants and Barriers to Market Entry
- Table 163. Industrial Effluent Treatment Mergers, Acquisition, Agreements, and Collaborations
- Table 164. Global Industrial Effluent Treatment Consumption Value (USD Million) by Type (2019-2024)
- Table 165. Global Industrial Effluent Treatment Consumption Value Share by Type (2019-2024)
- Table 166. Global Industrial Effluent Treatment Consumption Value Forecast by Type (2025-2030)
- Table 167. Global Industrial Effluent Treatment Consumption Value by Application (2019-2024)
- Table 168. Global Industrial Effluent Treatment Consumption Value Forecast by Application (2025-2030)
- Table 169. North America Industrial Effluent Treatment Consumption Value by Type (2019-2024) & (USD Million)



Table 170. North America Industrial Effluent Treatment Consumption Value by Type (2025-2030) & (USD Million)

Table 171. North America Industrial Effluent Treatment Consumption Value by Application (2019-2024) & (USD Million)

Table 172. North America Industrial Effluent Treatment Consumption Value by Application (2025-2030) & (USD Million)

Table 173. North America Industrial Effluent Treatment Consumption Value by Country (2019-2024) & (USD Million)

Table 174. North America Industrial Effluent Treatment Consumption Value by Country (2025-2030) & (USD Million)

Table 175. Europe Industrial Effluent Treatment Consumption Value by Type (2019-2024) & (USD Million)

Table 176. Europe Industrial Effluent Treatment Consumption Value by Type (2025-2030) & (USD Million)

Table 177. Europe Industrial Effluent Treatment Consumption Value by Application (2019-2024) & (USD Million)

Table 178. Europe Industrial Effluent Treatment Consumption Value by Application (2025-2030) & (USD Million)

Table 179. Europe Industrial Effluent Treatment Consumption Value by Country (2019-2024) & (USD Million)

Table 180. Europe Industrial Effluent Treatment Consumption Value by Country (2025-2030) & (USD Million)

Table 181. Asia-Pacific Industrial Effluent Treatment Consumption Value by Type (2019-2024) & (USD Million)

Table 182. Asia-Pacific Industrial Effluent Treatment Consumption Value by Type (2025-2030) & (USD Million)

Table 183. Asia-Pacific Industrial Effluent Treatment Consumption Value by Application (2019-2024) & (USD Million)

Table 184. Asia-Pacific Industrial Effluent Treatment Consumption Value by Application (2025-2030) & (USD Million)

Table 185. Asia-Pacific Industrial Effluent Treatment Consumption Value by Region (2019-2024) & (USD Million)

Table 186. Asia-Pacific Industrial Effluent Treatment Consumption Value by Region (2025-2030) & (USD Million)

Table 187. South America Industrial Effluent Treatment Consumption Value by Type (2019-2024) & (USD Million)

Table 188. South America Industrial Effluent Treatment Consumption Value by Type (2025-2030) & (USD Million)

Table 189. South America Industrial Effluent Treatment Consumption Value by



Application (2019-2024) & (USD Million)

Table 190. South America Industrial Effluent Treatment Consumption Value by Application (2025-2030) & (USD Million)

Table 191. South America Industrial Effluent Treatment Consumption Value by Country (2019-2024) & (USD Million)

Table 192. South America Industrial Effluent Treatment Consumption Value by Country (2025-2030) & (USD Million)

Table 193. Middle East & Africa Industrial Effluent Treatment Consumption Value by Type (2019-2024) & (USD Million)

Table 194. Middle East & Africa Industrial Effluent Treatment Consumption Value by Type (2025-2030) & (USD Million)

Table 195. Middle East & Africa Industrial Effluent Treatment Consumption Value by Application (2019-2024) & (USD Million)

Table 196. Middle East & Africa Industrial Effluent Treatment Consumption Value by Application (2025-2030) & (USD Million)

Table 197. Middle East & Africa Industrial Effluent Treatment Consumption Value by Country (2019-2024) & (USD Million)

Table 198. Middle East & Africa Industrial Effluent Treatment Consumption Value by Country (2025-2030) & (USD Million)

Table 199. Industrial Effluent Treatment Raw Material

Table 200. Key Suppliers of Industrial Effluent Treatment Raw Materials



List Of Figures

LIST OF FIGURES

Figure 1. Industrial Effluent Treatment Picture

Figure 2. Global Industrial Effluent Treatment Consumption Value by Type, (USD

Million), 2019 & 2023 & 2030

Figure 3. Global Industrial Effluent Treatment Consumption Value Market Share by

Type in 2023

Figure 4. On-site Treatment

Figure 5. Off-site Treatment

Figure 6. Global Industrial Effluent Treatment Consumption Value by Type, (USD

Million), 2019 & 2023 & 2030

Figure 7. Industrial Effluent Treatment Consumption Value Market Share by Application

in 2023

Figure 8. Paper Mills Picture

Figure 9. Petrochemical Picture

Figure 10. Pharmaceutical Picture

Figure 11. Textile Picture

Figure 12. Global Industrial Effluent Treatment Consumption Value, (USD Million): 2019

& 2023 & 2030

Figure 13. Global Industrial Effluent Treatment Consumption Value and Forecast

(2019-2030) & (USD Million)

Figure 14. Global Market Industrial Effluent Treatment Consumption Value (USD

Million) Comparison by Region (2019 & 2023 & 2030)

Figure 15. Global Industrial Effluent Treatment Consumption Value Market Share by

Region (2019-2030)

Figure 16. Global Industrial Effluent Treatment Consumption Value Market Share by

Region in 2023

Figure 17. North America Industrial Effluent Treatment Consumption Value (2019-2030)

& (USD Million)

Figure 18. Europe Industrial Effluent Treatment Consumption Value (2019-2030) &

(USD Million)

Figure 19. Asia-Pacific Industrial Effluent Treatment Consumption Value (2019-2030) &

(USD Million)

Figure 20. South America Industrial Effluent Treatment Consumption Value (2019-2030)

& (USD Million)

Figure 21. Middle East and Africa Industrial Effluent Treatment Consumption Value

(2019-2030) & (USD Million)



- Figure 22. Global Industrial Effluent Treatment Revenue Share by Players in 2023
- Figure 23. Industrial Effluent Treatment Market Share by Company Type (Tier 1, Tier 2 and Tier 3) in 2023
- Figure 24. Global Top 3 Players Industrial Effluent Treatment Market Share in 2023
- Figure 25. Global Top 6 Players Industrial Effluent Treatment Market Share in 2023
- Figure 26. Global Industrial Effluent Treatment Consumption Value Share by Type (2019-2024)
- Figure 27. Global Industrial Effluent Treatment Market Share Forecast by Type (2025-2030)
- Figure 28. Global Industrial Effluent Treatment Consumption Value Share by Application (2019-2024)
- Figure 29. Global Industrial Effluent Treatment Market Share Forecast by Application (2025-2030)
- Figure 30. North America Industrial Effluent Treatment Consumption Value Market Share by Type (2019-2030)
- Figure 31. North America Industrial Effluent Treatment Consumption Value Market Share by Application (2019-2030)
- Figure 32. North America Industrial Effluent Treatment Consumption Value Market Share by Country (2019-2030)
- Figure 33. United States Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)
- Figure 34. Canada Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)
- Figure 35. Mexico Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)
- Figure 36. Europe Industrial Effluent Treatment Consumption Value Market Share by Type (2019-2030)
- Figure 37. Europe Industrial Effluent Treatment Consumption Value Market Share by Application (2019-2030)
- Figure 38. Europe Industrial Effluent Treatment Consumption Value Market Share by Country (2019-2030)
- Figure 39. Germany Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)
- Figure 40. France Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)
- Figure 41. United Kingdom Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)
- Figure 42. Russia Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)



Figure 43. Italy Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 44. Asia-Pacific Industrial Effluent Treatment Consumption Value Market Share by Type (2019-2030)

Figure 45. Asia-Pacific Industrial Effluent Treatment Consumption Value Market Share by Application (2019-2030)

Figure 46. Asia-Pacific Industrial Effluent Treatment Consumption Value Market Share by Region (2019-2030)

Figure 47. China Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 48. Japan Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 49. South Korea Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 50. India Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 51. Southeast Asia Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 52. Australia Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 53. South America Industrial Effluent Treatment Consumption Value Market Share by Type (2019-2030)

Figure 54. South America Industrial Effluent Treatment Consumption Value Market Share by Application (2019-2030)

Figure 55. South America Industrial Effluent Treatment Consumption Value Market Share by Country (2019-2030)

Figure 56. Brazil Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 57. Argentina Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 58. Middle East and Africa Industrial Effluent Treatment Consumption Value Market Share by Type (2019-2030)

Figure 59. Middle East and Africa Industrial Effluent Treatment Consumption Value Market Share by Application (2019-2030)

Figure 60. Middle East and Africa Industrial Effluent Treatment Consumption Value Market Share by Country (2019-2030)

Figure 61. Turkey Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 62. Saudi Arabia Industrial Effluent Treatment Consumption Value (2019-2030)



& (USD Million)

Figure 63. UAE Industrial Effluent Treatment Consumption Value (2019-2030) & (USD Million)

Figure 64. Industrial Effluent Treatment Market Drivers

Figure 65. Industrial Effluent Treatment Market Restraints

Figure 66. Industrial Effluent Treatment Market Trends

Figure 67. Porters Five Forces Analysis

Figure 68. Manufacturing Cost Structure Analysis of Industrial Effluent Treatment in 2023

Figure 69. Manufacturing Process Analysis of Industrial Effluent Treatment

Figure 70. Industrial Effluent Treatment Industrial Chain

Figure 71. Methodology

Figure 72. Research Process and Data Source



I would like to order

Product name: Global Industrial Effluent Treatment Market 2024 by Company, Regions, Type and

Application, Forecast to 2030

Product link: https://marketpublishers.com/r/G3852019492AEN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G3852019492AEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

