



CITY OF KINGMAN
ENGINEERING DEPARTMENT

WASTEWATER DISCHARGE PERMIT
APPLICATION – INDIVIDUAL PERMIT

310 N. 4th Street Kingman, AZ 86401 Ph: (928) 753-8122 Fax: (928) 753-8118

You will find detailed instructions for completing each section of this application and each required exhibit in the enclosed packet, "Wastewater Discharge Permit Application Instructions and Guidelines." Review the entire application and instruction packet carefully before completing any part of the application.

This form and the instructions are also available on the Web at www.cityofkingman.gov

- Submit one application for each site **within 30 days of receipt.**
- The City of Kingman Industrial Pretreatment Program does not require an application fee. Once the City determines that you require a permit, the City will bill you prior to issuing you a draft permit.
- Answer all questions and include the required exhibits. **Incomplete applications will be returned to you.**
- If you do not have an answer for the requested information, indicate so and explain why.
- Indicate "N/A" if a section does not apply to your operations.
- Use additional pages, if needed.
- In accordance with Title 40 of Code of Federal Regulations (CFR) Part 403 Section 403.14, information and data provided in this survey shall be available without restriction. Request for confidential treatment shall be governed by procedures specified in 40 CFR Part 2.
- Please make a copy of the completed application and exhibits for your files and send **three** copies to:

City of Kingman Engineering Department
310 N. 4th Street
Kingman, AZ 86401

SECTION A – BUSINESS NAMES AND ADDRESSES

| | | | |
|---|----------|----------------------------------|----------|
| APPLICANT BUSINESS AND/OR PROJECT NAME: | | | |
| ADDRESS OF SITE DISCHARGING WASTEWATER: <i>(If no address, indicate cross streets.)</i> | | BUSINESS MAILING ADDRESS: | |
| Site Address | | Mailing Address | |
| City, State | Zip Code | City, State | Zip Code |

| | | | |
|--|----------|---|--|
| PRIMARY PERSON TO BE CONTACTED ABOUT THIS APPLICATION (4.4E(1)a): | | | |
| Name | | Title <i>(e.g., President, Consultant, On-Site Manager)</i> | |
| Mailing Address | | Telephone No. | |
| City, State | Zip Code | 24-Hour Emergency Phone No. | |
| E-Mail Address | | FAX No. | |

2. PERTINENT IDENTIFICATION NUMBERS, PERMITS, START DATES

| | |
|--|---|
| Standard Industrial Classification (SIC) Code(s) (4.4E(1)c): Water/Sewer Account No: Water Meter No(s): Current City of Kingman Permit No: Environmental Control Permits Issued for Applicant Site (4.4E(1)b): | Facility generating wastewater is: <div style="text-align: center;"> EXISTING PROPOSED </div> Date operations started/will start at this site: <hr/> |
|--|---|

SECTION C – PRODUCT AND PROCESS DESCRIPTION

1. DAILY AND SEASONAL VARIATIONS (4.4E(1)c)

| | Number of Operating Days/Year | Circle Days You Generally Discharge and Provide Number of Hours Discharging on Those Days | | | | | | | | Number of Employees/Shift | | |
|----------------|-------------------------------|---|-----|-----|------|-----|-----|-----|---------|---------------------------|-------|-------|
| | | Mon | Tue | Wed | Thur | Fri | Sat | Sun | Holiday | Day | Night | Swing |
| Average | | | | | | | | | | | | |
| Maximum | | | | | | | | | | | | |

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|--|
| Percent Continuous Production: Percent Batch Production: Please describe seasonal changes greater than 20%: Are any process changes or expansions planned during the next five (5) years that would alter wastewater volumes or characteristics? YES NO If YES, please describe: |
|--|

2. AVERAGE RATE OF PRODUCTION (4.4E(1)c)

| Type of Product or Brand Name | Production Processes | Daily Quantities | |
|-------------------------------|----------------------|------------------|---------|
| | | Average | Maximum |
| | | | |
| | | | |
| | | | |
| | | | |

3. RAW MATERIALS AND CHEMICALS USED OR STORED ON PREMISES (4.4E(1)c)

| Brand Name | Chemical or Actual Name | Purpose | Daily Quantities Used | | Tank Volume | Working Concentration |
|------------|-------------------------|---------|-----------------------|---------|-------------|-----------------------|
| | | | Average | Maximum | | |
| | | | | | | |
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4. INDUSTRIAL WASTEWATERS DISCHARGED TO CITY OF KINGMAN SEWERS (4.4E(1)f)

| Process Number | Process That Generates Wastewater | Substances Discharged to the Sewer | Type of Pretreatment | Frequency of Discharge (continuous or batch) | Daily Quantity Discharged in Gallons | |
|----------------|-----------------------------------|------------------------------------|----------------------|--|--------------------------------------|---------|
| | | | | | Average | Maximum |
| | | | | | | |
| | | | | | | |
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5. INDUSTRIAL WASTEWATER MONITORING INFORMATION AND POLLUTANT CHECKLIST (4.4E(1)f and g)

| Process Number | Regulated, Unregulated, or Dilute Wastestream? | Categorical Pretreatment Standards that Apply | Wastewater Discharge Point | Wastewater Monitoring Location | Wastewater Flow Measurement Location |
|----------------|--|---|----------------------------|--------------------------------|--------------------------------------|
| | | | | | |
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WASTEWATER POLLUTANT CHECKLIST

| Chemical Name | EPA Storet Code | Check if Present at Facility | Check if Absent at Facility | Check if Present in Discharge | Check if Absent in Discharge | Concentration in Discharge (mg/l) |
|----------------------|------------------------|-------------------------------------|------------------------------------|--------------------------------------|-------------------------------------|--|
|----------------------|------------------------|-------------------------------------|------------------------------------|--------------------------------------|-------------------------------------|--|

Acid Extractable Organics

| | | | | | | |
|----------------------------|-------|--|--|--|--|--|
| 2-Chlorophenol | 34586 | | | | | |
| 2,4-Dichlorophenol | 34601 | | | | | |
| 2,4-Dimethylphenol | 34606 | | | | | |
| 2,4-Dinitrophenol | 34616 | | | | | |
| 2-Methyl-4,6-dinitrophenol | 34657 | | | | | |
| 4-Chloro-3-methylphenol | 34452 | | | | | |
| 2-Nitrophenol | 34591 | | | | | |
| 4-Nitrophenol | 34646 | | | | | |
| Pentachlorophenol | 39032 | | | | | |
| Phenol | 34694 | | | | | |
| 2,4,6-Trichlorophenol | 34621 | | | | | |

Base Neutral Organics

| | | | | | | |
|------------------------------|-------|--|--|--|--|--|
| 1,2,4-Trichlorobenzene | 34551 | | | | | |
| 1,2-Dichlorobenzene | 34536 | | | | | |
| 1,2-Diphenylhydrazine | 34346 | | | | | |
| 1,3-Dichlorobenzene | 34566 | | | | | |
| 1,4-Dichlorobenzene | 34571 | | | | | |
| 2,4-Dinitrotoluene | 34611 | | | | | |
| 2,6-Dinitrotoluene | 34626 | | | | | |
| 2-Chloronaphthalene | 34581 | | | | | |
| 3,3-Dichlorobenzidine | 34631 | | | | | |
| 4-Bromophenyl phenyl ether | 34636 | | | | | |
| 4-Chlorophenyl phenyl ether | 34641 | | | | | |
| Acenaphthene | 03405 | | | | | |
| Acenaphthylene | 34200 | | | | | |
| Anthracene | 34220 | | | | | |
| Benzidine | 39120 | | | | | |
| Benzo (a) anthracene | 34526 | | | | | |
| Benzo (a) pyrene | 34247 | | | | | |
| Benzo (b) fluoranthene | 34230 | | | | | |
| Benzo (ghi) perylene | 34521 | | | | | |
| Benzo (k) fluoranthene | 34242 | | | | | |
| Bis(2-chloroethoxy) methane | 34278 | | | | | |
| Bis(2-chloroethyl) ether | 34273 | | | | | |
| Bis(2-chloroisopropyl) ether | 34283 | | | | | |
| Bis(2-ethylhexyl) phthalate | 39100 | | | | | |
| Butyl benzyl phthalate | 34292 | | | | | |
| Chrysene | 34320 | | | | | |
| Di-n-butyl phthalate | 39110 | | | | | |
| Di-n-octyl phthalate | 34596 | | | | | |
| Dibenzo (a,h) anthracene | 34556 | | | | | |
| Diethyl phthalate | 34336 | | | | | |
| Dimethyl phthalate | 34341 | | | | | |
| Fluoranthene | 34376 | | | | | |
| Fluorene | 34381 | | | | | |
| Hexachlorobenzene | 39700 | | | | | |
| Hexachlorobutadiene | 34391 | | | | | |

| | | | | | | |
|----------------------------|-------|--|--|--|--|--|
| Hexachlorocyclopentadiene | 34386 | | | | | |
| Hexachloroethane | 34396 | | | | | |
| Indeno(1,2,3-cd) pyrene | 34403 | | | | | |
| Isophorone | 34408 | | | | | |
| N-nitroso-di-n-propylamine | 34428 | | | | | |
| N-nitrosodimethylamine | 34438 | | | | | |
| N-nitrosodiphenylamine | 34433 | | | | | |
| Naphthalene | 34696 | | | | | |
| Nitrobenzene | 34447 | | | | | |
| Phenanthrene | 34461 | | | | | |
| Pyrene | 34469 | | | | | |

Metals

| | | | | | | |
|------------|-------|--|--|--|--|--|
| Aluminum | 01104 | | | | | |
| Antimony | 01097 | | | | | |
| Arsenic | 01002 | | | | | |
| Beryllium | 01012 | | | | | |
| Cadmium | 01027 | | | | | |
| Chromium | 01034 | | | | | |
| Copper | 01042 | | | | | |
| Lead | 01051 | | | | | |
| Mercury | 71900 | | | | | |
| Molybdenum | 01062 | | | | | |
| Nickel | 01067 | | | | | |
| Selenium | 01147 | | | | | |
| Silver | 01077 | | | | | |
| Thalium | 00982 | | | | | |
| Zinc | 01092 | | | | | |

Other Inorganics

| | | | | | | |
|----------|-------|--|--|--|--|--|
| Barium | 01007 | | | | | |
| Chloride | 00940 | | | | | |
| Cyanide | 00720 | | | | | |
| Fluoride | 00951 | | | | | |

Purgeable Volatile Organics

| | | | | | | |
|---------------------------|-------|--|--|--|--|--|
| 1,1,1-Trichloroethane | 34506 | | | | | |
| 1,1,2,2-Tetrachloroethane | 34516 | | | | | |
| 1,1,2-Trichloroethane | 34511 | | | | | |
| 1,1-Dichloroethane | 34496 | | | | | |
| 1,1-Dichloroethylene | 34501 | | | | | |
| 1,2-Dichloroethane | 34531 | | | | | |
| 1,2-Dichloropropane | 34541 | | | | | |
| 2-Chloroethyl vinyl ether | 34576 | | | | | |
| Acrolein | 34210 | | | | | |
| Acrylonitrile | 34215 | | | | | |
| Benzene | 34030 | | | | | |
| Bromodichloromethane | 32101 | | | | | |
| Bromoform | 32104 | | | | | |
| Bromomethane | 34413 | | | | | |

| | | | | | | |
|----------------------------|-------|--|--|--|--|--|
| Carbon tetrachloride | 32102 | | | | | |
| Chlorobenzene | 34301 | | | | | |
| Chloroethane | 34311 | | | | | |
| Chloroform | 32106 | | | | | |
| Chloromethane | 34418 | | | | | |
| cis 1,3-Dichloropropene | 34704 | | | | | |
| Dibromochloromethane | 32105 | | | | | |
| Ethylbenzene | 34371 | | | | | |
| Methylene chloride | 34423 | | | | | |
| Tetrachloroethylene | 34475 | | | | | |
| Toluene | 34010 | | | | | |
| trans 1,3-Dichloropropene | 34699 | | | | | |
| trans-1,2-Dichloroethylene | 34546 | | | | | |
| Trichloroethylene | 39180 | | | | | |
| Trichlorofluoromethane | 34488 | | | | | |
| Vinyl chloride | 39175 | | | | | |

Others

| | | | | | | |
|--|--|--|--|--|--|---|
| Xylene | | | | | | |
| Biochemical Oxygen Demand, five-day (BOD5) | | | | | | |
| Total Suspended Solids (TSS) | | | | | | |
| Total Nitrogen | | | | | | |
| pH (<5.0 and/or > 9.0) | | | | | | - |

6. LIQUID WASTES AND SLUDGES REMOVED BY MEANS OTHER THAN CITY OF KINGMAN SEWERS (4.4E(1)c)
Enter annual, monthly, or daily volume, or volume of each removal. Indicate unit of measurement.

| Type of Waste/Substance | Means of Removal | Frequency | Volume |
|-------------------------|------------------|-----------|--------|
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SECTION D – WATER BALANCE

1. WATER BALANCE TABLE

- (1) Enter the appropriate letter for the water source:
a.) City Service b.) Private Well c.) Reclaimed Water
d.) Raw Materials e.) Industrial Storm Water f.) Groundwater
- (2) Enter the appropriate letter for the discharge point:
a.) Sewer b.) Storm Drain c.) Receiving Water d.) Waste Hauler e.) Evaporation f.) Product
If the discharge is entering another type of discharge point, please identify.
- (3) You must provide documentation of the water balance calculations provided in this table.
(See directions for Exhibit I.)

| Type of Consumption/Discharge | Water In: | | | Water Out: | | |
|--|------------------|--------------------|--------------------|-------------------------|--------------------|--------------------|
| | Water Use | | | Water Discharge or Loss | | |
| | Water Source (1) | Average (gals/day) | Maximum (gals/day) | Discharge Point (2) | Average (gals/day) | Maximum (gals/day) |
| Industrial processing water/wastewater | | | | | | |
| Contact cooling water | | | | | | |
| Non-contact cooling water | | | | | | |
| Boiler and cooling tower feed/blowdown | | | | | | |
| Water incorporated into product | | | | | | |
| Sanitary water/wastewater | | | | | | |
| Industrial storm water | | | | | | |
| Plant washing water/wastewater | | | | | | |
| Construction dewatering | | | | | | |
| Groundwater remediation | | | | | | |
| Site Irrigation | | | | | | |
| Evaporation | — | — | — | | | |
| Other: <i>(please indicate)</i> | | | | | | |
| TOTALS: | — | | | — | | |

SECTION E – FEDERAL AND LOCAL PRETREATMENT STANDARDS

1. INDUSTRIAL ACTIVITY CHECKLIST

| Check below | 40 CFR# | Industrial Activity | Check below | 40 CFR# | Industrial Activity |
|-------------|---------|--|-------------|---------|--|
| | 467 | Aluminum Forming | | 425 | Leather Tanning & Finishing |
| | 427 | Asbestos Manufacturing | | 432 | Meat Products |
| | 461 | Battery Manufacturing | | 433 | Metal Finishing |
| | 431 | Builders Paper & Board Mills | | 464 | Metal Molding and Casting |
| | 407 | Canned & Preserved Fruits & Vegetables | | 436 | Mineral Mining and Processing |
| | 408 | Canned & Preserved Seafood | | 471 | Nonferrous Metal, Form & Powders |
| | 458 | Carbon Black Manufacturing | | 421 | Nonferrous Metals Manufacturing |
| | 411 | Cement Manufacturing | | 414 | OCPSF, Organic Chemicals, Plastics, & Synthetic Fiber Manufacturing |
| | 437 | Centralized Waste Treatment | | 435 | Oil & Gas Extraction |
| | 434 | Coal Mining | | 440 | Ore Mining and Dressing |
| | 465 | Coil Coating | | 446 | Paint Formulating |
| | 444 | Commercial Hazardous Waste Combustion | | 443 | Paving and Roofing Materials Mfg. |
| | 468 | Copper Forming | | 455 | Pesticide Manufacturing |
| | 405 | Dairy Products Processing | | 419 | Petroleum Refining |
| | 469 | Electrical, Electronic Components | | 439 | Pharmaceutical Manufacturing |
| | 413 | Electroplating | | 422 | Phosphate Manufacturing |
| | 457 | Explosives Manufacturing | | 459 | Photographic Supplies |
| | 412 | Feedlots | | 463 | Plastics Molding and Forming |
| | 424 | Ferroalloy Manufacturing | | 466 | Porcelain Enameling |
| | 418 | Fertilizer Manufacturing | | 430 | Pulp, Paper, and Paperboard |
| | 464 | Foundries, Metal Mold & Casting | | 428 | Rubber Manufacturing |
| | 426 | Glass Manufacturing | | 417 | Soap & Detergent Manufacturing |
| | 406 | Grain Mills | | 423 | Steam Electric Power Generation |
| | 454 | Gum & Wood Chemicals Mfg. | | 409 | Sugar Processing |
| | 460 | Hospitals | | 410 | Textile Mills |
| | 447 | Ink Formulating | | 429 | Timber Products Processing |
| | 415 | Inorganic chemical Manufacturing | | 442 | Transportation Equipment Cleaning |
| | 420 | Iron & Steel Manufacturing | | | Others |
| | 445 | Landfill | | | |

2. COMPLIANCE CERTIFICATION AND SCHEDULE (4.6A(2)c and d)

| | | | |
|---|----|---|--|
| Has this facility ever been considered a Categorical Industrial User (CIU) as described by the Code of Federal Regulations (40 CFR)? | | | |
| YES | NO | If YES, please give complete CFR number(s): | |
| Are any other facilities owned and/or operated by your company permitted as CIUs as described by 40 CFR? | | | |
| YES | NO | | |
| Is this facility meeting applicable federal categorical pretreatment standards 99 percent of the time? | | | |
| YES | NO | N/A | |
| If YES, provide rationale, such as description of methods used to achieve and maintain compliance. | | | |
| Are additional operation and maintenance (O&M) procedures required to achieve compliance? | | | |
| YES | NO | N/A | |
| If YES, describe the changes that will be made to achieve the standards and provide schedule: | | | |
| Are new or additional pretreatment facilities required to achieve compliance? YES NO N/A | | | |
| If YES, describe the facilities or equipment that will be installed and provide schedule: | | | |
| Is this facility meeting applicable local limits 99 percent of the time? YES NO | | | |
| If NO, describe how the facility plans to meet the requirements. | | | |

SECTION F – SUPPORTING EXHIBITS

Please see instructions for information on how to complete the following exhibits:

- Exhibit A:** Schematic Flow Diagram (required)
- Exhibit B:** Site Layout (required)
- Exhibit C:** Planned Changes in Pretreatment or Waste Disposal Practices
- Exhibit D:** Analytical or Historical Data
- Exhibit E:** Spill Prevention and Containment Plan
- Exhibit F:** Tank Capacities and Concentrations
- Exhibit G:** Engineering Report (Required only if you have wastewater pretreatment systems or are intending to install such systems.)
- Exhibit H:** Documentation of Water Balance Calculations

SECTION G – CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name

Title

Signature

Date