Industrial Wastewater Permitting in the City of Portland

Biola Cruse
Source Control Division
BES
Permits Issued to:

- SIU-Significant Industrial User (> 25,000 gpd)
- CIU- Categorical Industrial User (Federal Regulated Industrial Category)
- ESSC (Extra Strength Surcharge (BOD and TSS)).
- Non-SIU’s w/ discharge flows >10, 000 gpd and < 25,000 gpd, with potential to exceed local limits.
Initial IU Identification Survey I

- Sent to potential Permittees from various sources.
  - Planning Department
  - Stormwater section
  - Pretreatment inspections (Drive bys)
  - Referrals from existing industrial users
  - Spill Protection Citizen Response (SPCR)
Survey II
Additional Data Collection

- Industrial processes
- Industrial category
- Water use
- Discharge volumes
- Potential pollutants
- Sewer connection
Permit Application

- General facility information
- Facility process flow data (water balance)
- Facility wastewater characteristics
- Responsible signatory officials
- Process diagrams/maps
- Facility layout
- Pollutants of concern
Factsheet Cover

- Company Name
- City ID number (AQ)
- Site address
- Contact info
- Water Use/discharged
- Account info
- Hours of Op
- Receiving pump station

- # of employees
- Categorical /process start date
- EPA Category
- Point of Compliance
- Safety considerations
- Other Environmental Permits
Body of Factsheet

• Business Description
• Process Generating Wastewater
• Raw Waste Description
• Pretreatment description/diagram
• Summary of Past Monitoring Data
• Explanation of Pollutants of Concern
• Applicable Limits
• Additional Monitored Pollutants
Body of Factsheet (cont)

- Summary of Compliance History
- Discharge Risk Analysis (DRA)
- Monitoring Frequency
- Special Conditions
- Accidental Spill Prevention Plan (ASPP)
- Process Diagram
- Production Data (e.g. mass based limits)
- Point(s) of Compliance
Discharge Risk Analysis (DRA)

An evaluation of the IU, using discharge flow, # of pollutants, waste characteristics, storage conditions/volume to calculate monitoring and inspection frequencies.
Fee Determination (IU ranking)

- Wastewater Discharge Flow
- Industrial User classification (SIU/Non-SIU)
- New vs. Renewed Permit
- Self/City monitoring frequencies

- Regulatory history
- Bulk Storage (liquids/solids)
- Container Storage
- Inspection frequency
- Additional Regulatory Permits
- Special Conditions (SNC, ESSC, POCs)
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Resources

• United States Environmental Protection Agency Office of Water #EN 336
  – Pretreatment Program Industrial User Permitting Guidance Manual
  – Dated Sept 1989

Biola Cruse Permit Manager
Industrial Permitting Section
Email address: Biola.Cruse@portlandoregon.gov
Pretreatment Questions?

- Contact Miguel Santana @ 503-823-7568
- Contact Jerry Baumgartner @ 503-823-7121
Our Fearless Leader !?!