

# Contra Costa Clean Water Program Industrial General Permit Workshop

December 16, 2014

## Who's In Who's Out of the Industrial General Permit Making Referrals to RWQCB

Presented by Tim Potter  
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# Overview of Presentation

- Review of Municipal Regional Permit
  - Requirement to make referrals
- Review Industrial General Permit (IGP)
  - Emphasis on Attachment A
- Practical Discussion of Who's In and Who's Out
- “Straw” Proposal for Making RWQCB Referrals
- Summary and Questions

# Review of Municipal Regional Permit

- Local Program Oversight of Businesses Subject to Industrial General Permit (IGP)
  - MRP Section C.4.b.ii.(2)(a) – Include IGP facilities in Inspection Plan
  - MRP Section C.4.b.ii.(4)(d) – Verification of coverage under the IGP, if applicable
  - Recordkeeping provisions re: IGP coverage
- Historic Practices
- Current Condition Requiring Referrals Related to IGP
  - MRP Section C.4.c.111.(4) – Include in Annual Report facilities requiring IGP coverage but have not filed

# Review Industrial General Permit (IGP)

- If Facility Subject to IGP (to be reviewed in detail), then Business...
  - Must file Notice of Intent (NOI) for coverage under IGP (we call these NOI facilities)
  - Develop and implement a Storm Water Pollution Prevention Plan (SWPPP)
  - Conduct inspections to assess BMPs
  - Conduct sampling during qualifying events unless participate in group to record compliance
  - File annual compliance reports
  - Pay annual fee to State of California

# Review Industrial General Permit (IGP)

- Two Primary Alternatives To Full Coverage If Subject to IGP
- No Exposure of Process Activities to Stormwater
  - Some Light Manufacturing in Current IGP
  - No Exposure Certification (NEC) in Modified IGP
- Full Containment of Stormwater On-Site
  - Requires a Notice of Non-Applicability (NONA)

# Review Industrial General Permit (IGP)

- Determining Facilities That Are Subject to the IGP
- Facilities Identified in Attachment A
  - SIC Code Emphasis
  - Importance of Process Activities
- Attachment A Facilities Operating Under a NPDES Permit that Regulates Stormwater Exposed to Process Activities or are Covered Under Another General Permit are Not Subject to IGP

# Modified IGP Attachment A Headings

1. Facilities Subject To Storm Water Effluent Limitations Guidelines, New Source Performance Standards, or Toxic Pollutant Effluent Standards Found in 40 Code of Federal Regulations, Chapter I, Subchapter N (Subchapter N)
2. Manufacturing Facilities (combines #2 and #10 of current IGP)
3. Oil and Gas/Mining Facilities
4. Hazardous Waste Treatment, Storage, or Disposal Facilities
5. Landfills, Land Application Sites, and Open Dumps
6. Recycling Facilities
7. Steam Electric Power Generating Facilities
8. Transportation Facilities
9. Sewage or Wastewater Treatment Works

# Attachment A In More Detail

- Category 1 – Identifies Facilities Subject to National Storm Water Standards in Specified Code of Federal Regulations (CFR) Sections
- Scope and Applicability Section for Each 40 CFR Category
- Titles Intuitive
  - Some overlap with other categories
  - Some facilities in Contra Costa County



# Attachment A In More Detail

- Category 2 – Manufacturing Facilities Operating Under Specific SIC Codes
  - 460 Individual SIC Codes
- Modified IGP Creates Flux for Facilities in Category 10 of current IGP
  - Will be required to file No Exposure Certification (NEC) vs. self-determination
- Common Category in Contra Costa County

Major Group 20: Food And Kindred Products

Major Group 21: Tobacco Products

Major Group 22: Textile Mill Products

Major Group 23: Apparel And Other Finished Products Made From Fabrics And Similar Materials

Major Group 24: Lumber And Wood Products, Except Furniture

Major Group 25: Furniture And Fixtures

Major Group 26: Paper And Allied Products

Major Group 27: Printing, Publishing, And Allied Industries

Major Group 28: Chemicals And Allied Products

Major Group 29: Petroleum Refining And Related Industries

Major Group 30: Rubber And Miscellaneous Plastics Products

Major Group 31: Leather And Leather Products

Major Group 32: Stone, Clay, Glass, And Concrete Products

Major Group 33: Primary Metal Industries

Major Group 34: Fabricated Metal Products, Except Machinery And Transportation Equipment

Major Group 35: Industrial And Commercial Machinery And Computer Equipment

Major Group 36: Electronic And Other Electrical Equipment And Components, Except Computer Equipment

Major Group 37: Transportation Equipment

Major Group 38: Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks

Major Group 39: Miscellaneous Manufacturing Industries

Industry Group 422: Public Warehousing And Storage

4221 Farm Product Warehousing and Storage

4222 Refrigerated Warehousing and Storage

4225 General Warehousing and Storage

Industry Group 361: Electric Transmission And Distribution Equipment

- 3612 Power, Distribution, and Specialty Transformers
- 3613 Switchgear and Switchboard Apparatus

Industry Group 362: Electrical Industrial Apparatus

- 3621 Motors and Generators
- 3624 Carbon and Graphite Products
- 3625 Relays and Industrial Controls
- 3629 Electrical Industrial Apparatus, Not Elsewhere Classified

Industry Group 363: Household Appliances

- 3631 Household Cooking Equipment
- 3632 Household Refrigerators and Home and Farm Freezers
- 3633 Household Laundry Equipment
- 3634 Electric Housewares and Fans
- 3635 Household Vacuum Cleaners
- 3639 Household Appliances, Not Elsewhere Classified

Industry Group 364: Electric Lighting And Wiring Equipment

- 3641 Electric Lamp Bulbs and Tubes
- 3643 Current-Carrying Wiring Devices
- 3644 Noncurrent-Carrying Wiring Devices
- 3645 Residential Electric Lighting Fixtures
- 3646 Commercial, Industrial, and Institutional Electric Lighting Fixtures
- 3647 Vehicular Lighting Equipment
- 3648 Lighting Equipment, Not Elsewhere Classified

Industry Group 365: Household Audio And Video Equipment, And Audio

- 3651 Household Audio and Video Equipment
- 3652 Phonograph Records and Prerecorded Audio Tapes and Disks

Industry Group 366: Communications Equipment

- 3661 Telephone and Telegraph Apparatus
- 3663 Radio and Television Broadcasting and Communications Equipment
- 3669 Communications Equipment, Not Elsewhere Classified

Industry Group 367: Electronic Components And Accessories

- 3671 Electron Tubes
- 3672 Printed Circuit Boards
- 3674 Semiconductors and Related Devices
- 3675 Electronic Capacitors
- 3676 Electronic Resistors
- 3677 Electronic Coils, Transformers, and Other Inductors
- 3678 Electronic Connectors
- 3679 Electronic Components, Not Elsewhere Classified

Industry Group 369: Miscellaneous Electrical Machinery, Equipment, and Supplies

- 3691 Storage Batteries
- 3692 Primary Batteries, Dry and Wet
- 3694 Electrical Equipment for Internal Combustion Engines
- 3695 Magnetic And Optical Recording Media
- 3699 Electrical Machinery, Equipment, and Supplies, Not Elsewhere

Industry Group 271: Newspapers: Publishing, Or Publishing And Printing

- 2711 Newspapers: Publishing, or Publishing and Printing

Industry Group 272: Periodicals: Publishing, Or Publishing And Printing

- 2721 Periodicals: Publishing, or Publishing and Printing

Industry Group 273: Books

- 2731 Books: Publishing, or Publishing and Printing
- 2732 Book Printing

Industry Group 274: Miscellaneous Publishing

- 2741 Miscellaneous Publishing

Industry Group 275: Commercial Printing

- 2752 Commercial Printing, Lithographic
- 2754 Commercial Printing, Gravure
- 2759 Commercial Printing, Not Elsewhere Classified

Industry Group 276: Manifold Business Forms

- 2761 Manifold Business Forms

Industry Group 277: Greeting Cards

- 2771 Greeting Cards

Industry Group 278: Blankbooks, Looseleaf Binders, And Bookbinding

- 2782 Blankbooks, Looseleaf Binders and Devices
- 2789 Bookbinding and Related Work

Industry Group 279: Service Industries For The Printing Trade

- 2791 Typesetting
- 2796 Platemaking and Related Services

# Attachment A In More Detail

- Category 3 – Oil and Gas/Mining Facilities Operating Under Specific SIC Codes
- Not a Common Category in Contra Costa County

# Attachment A In More Detail

- Category 4 – Hazardous Waste Treatment, Storage, or Disposal Facilities (TSDF)
  - Not limited to RCRA Permitting per State Board
  - Applicability to HHW Collection Facilities Under Review (possibly under Recycling Facilities Category)
- Not a Common Category in Contra Costa County

# Attachment A In More Detail

- Category 5 – Landfills, Land Application Sites, and Open Dumps
  - Received industrial wastes from facilities in other categories
  - Subject to RCRA Subtitle D
  - Accepted wastes from construction activities
- Limited Number of Facilities in Contra Costa County
  - Most in unincorporated areas

# Attachment A In More Detail

- Category 6 – Recycling Facilities
  - Two SIC Codes identified: 5015 and 5093
  - Distinguishing process activities per State Board
    - Who sorts? Public or Facility
    - Crushing at Facility
    - Bailing at Facility
- Common in Contra Costa County
  - Applicability to Grocery Store Recycling Operations
    - State Board input is generally “coverage not required”



# Attachment A In More Detail

- Category 7 – Steam Electric Power Generating Facilities
  - Overlap with Category 1
  - Process Activity
- Limited Facilities in Contra Costa County
- Applicability to Cogen Operations
  - Being researched

# Attachment A In More Detail

- Category 8 – Transportation Facilities
  - SIC Codes identified (33 individual SIC Codes)
  - Must also conduct specified process activity
    - Vehicle Maintenance (e.g. rehabilitation, repairs, painting, fueling, lubrication)
    - Equipment Cleaning
    - Airport Deicing
- Many Facilities in Contra Costa County
- Applicability When Mobile Services Used On-Site

## Division E: Transportation, Communications, Electric, Gas, And Sanitary Services

Major Group 40: Railroad Transportation

Major Group 41: Local And Suburban Transit And Interurban Highway Passenger Transportation

Major Group 42: Motor Freight Transportation And Warehousing  
(Except 4221-25 which is included in Category 2)

Major Group 43: United States Postal Service

Major Group 44: Water Transportation

Major Group 45: Transportation By Air

5171 Petroleum Bulk Stations and Terminals

# Attachment A In More Detail

- Category 9 – Sewage or Wastewater Treatment Works
  - Specified process activity involving the processing of sewage including on-site biosolids disposal
  - Design capacity greater than 1 million gallons per day or required to have a Pretreatment Program
- Some Facilities in Contra Costa County
- IGP Not Applicable When NPDES Permit Covers Stormwater

# Practical Discussion of Who's In and Who's Out

- Some Facilities Filed NOIs While Other Similar Facilities Have Not
  - Protective Filers vs. Non-Filers
- Businesses Subject to IGP But No Other Similar Businesses Have Filed NOI
  - Encourage/require change to on-site practices if applicable
  - Communicate with RWQCB
- Facility is Not Subject to IGP
  - Advise facility to consider filing Notice of Termination (NOT)?

# “Straw” Proposal for Making RWQCB Referrals

- Inform Facility of Determination and Need to File NOI (or NEC for certain light manufacturing facilities)
  - Allow business to file for coverage prior to referral
- After Specified Number of Days (90?) Refer Facility to RWQCB
  - Method of referral?
    - Email to be timely then summarize in Annual Report
  - Who initiates referral?
    - Inspector after notifying city stormwater coordinator since more knowledgeable about specific site conditions

# Who's In Who's Out of the IGP

## Summary and Questions

Contact Info

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