



SWRCB IGP ACHIEVING COMPLIANCE FACTOID

(State Water Resources Control Board Industrial General Permit, Order 2014-0057-DWQ)

Achieving compliance with the State Water Resources Control Board's (SWRCB) New Industrial General Permit (IGP) is complex for a host of reasons. Determining whether or not a specific facility and/or operation requires coverage or qualifies for a No Exposure Certification (NEC) or Notice of Non-Applicability (NONA) status and even when a Notice of Intent (NOI) must be filed may require consultation with a Qualified Professional. Qualified Professionals include those who hold a valid SWRCB Qualified Industrial Stormwater Practitioner's (QISP) Certification. List of QISP's can be found at: http://www.swrcb.ca.gov/water_issues/programs/stormwater/industrial.shtml &/or <http://wcieca.org/>.

The goals of the Permit are simple: (1) Eliminate or reduce the discharge of pollutants in: (a) storm water runoff, (b) authorized non-storm water discharges; and (2) prohibits unauthorized non-storm water discharges.

TIME SCHEDULE to ensure compliance and avoid SWRCB mandatory minimum penalties, "Regulated Facilities" (*Attachment A of Permit*) must adhere to the following time schedule and submit all required documents electronically via the SWRCBs Stormwater Multiple Application Report Tracking System (SMARTS) in the prescribed form to be deemed complete:

- 7/1/15-Coverage under 97-03-DWQ IGP expires,
 - Streamlined Annual Reports, updated / Site Map / SWPPP due
- ~~7/1/15~~¹-New Permit 2014-0057-DWQ goes into effect,
 - PRDs (*SWPPP, Signed Statement*) must be filed ~~7/1/15~~¹
 - ~~7/1/15~~¹-NOI Coverage must be completed,
- 7/1/15-Discharges to outfalls (*Ca Ocean Plan*)
 - Streamlined Annual Report due,
- 10/1/15-NEC Coverage must be completed
- ERA Level 1 Coverage,
 - Status change file by 7/1/15,
 - Evaluation by 10/1/15 prior to implementation,
 - Level 1 Report 1/1/16 (*QISP designation, evaluation, summary site / BMP changes in SWPPP*)
- 1 - File by 8/14/15 as of 7/3/15
- ERA Level 2 Coverage
 - Status changes file by 7/1/16
 - Action Plan for addressing exceedances submit by 1/1/16,
 - Technical Report: QISP designation, evaluation, treatment / *Structural BMPs Implemented*,
 - Implementation Extension – 1 x up to 6 months automatic
- ERA Level 2 Documentation – Technical Report can include
 - Industrial activity BMP demonstration
 - Non-Industrial pollutant source demonstration
 - Natural background demonstration
- Training Schedule
 - QISP Trainer of Record June 2015
 - QISP Enrollment winter 2015
- Annual Reports due 7/15 yearly via SMARTS

KEY PROGRAM CHANGES / FACTS

1. Discharge Prohibitions
2. Effluent Limitations
3. Strict Liability for Exceedance of Receiving Water Quality Objectives
4. Other Discharge Prohibitions & Limitations
5. 303(d)
6. TMDLs
7. Three (3) Tier Risk Level System
8. Abolishes conditional exemption for light industry
9. Electronic Reporting Requirements
10. QISP
11. SWPPP Checklist & BMP Descriptions
12. BMP Descriptions, Sizing & SWPPP Checklist
13. **Increased Regulatory Oversight:** Local agencies required to inspect facilities, report violations, & non-filers to RWQCB.
14. Defines Qualifying Storm Event (*QSE*)
15. Sample Collection
16. Sample Locations
17. Sample Frequency
18. Sample Parameters
19. No Discharge Certification (*NONA*)
20. No Exposure Certification (*NEC*)
21. Exceedance Response Actions (*ERA*)
22. BAT / BCT Compliance Demonstration
23. Non-Industrial Source Demonstration
24. Natural Background Demonstration
25. Compliance Groups
26. **Mandatory minimum penalties apply**
27. **Records retention 5 years.**

KEY PLAYERS

- **Operators** – facility operators implement BMPs
- **Duly Authorized Representative (DAR)** - Discharger must designate, has responsibility of facility operations
- **Qualified Industrial Stormwater Practitioner (QISP)** (*Required for NONA's, Level 1 & 2 NAL & CG work*)
- **Data Entry Person (DEP)** - can upload documentation (*i.e. PRDs, annual reports*)
- **Legally Responsible Party (LRP)** For municipalities can only be: (*Mayor or City Manager*), companies can delegate
- **Professional Engineer** (*Must prepare, sign & submit NONA*)
- **Trainers of Record (ToR)** required for CGL
- **Compliance Group Leader (CGL)** – primary contact for a compliance group, must be a QISP & ToR
- **Discharger** – any person, company, agency that is the operator of an industrial facility covered by this Permit.



IGP OVERVIEW & KEY CONCEPTS

This factoid provides a brief overview of some of the key concepts of the New IGP that “**Regulated Facilities**” should become familiar & **comply with prior to 8/14/15**¹. Note that the SWRCB has indicated that mandatory minimum penalties (*\$5k 1 x; if current permit lapses then up to \$11k/day/discharge*) shall apply for non-filers (*i.e. non-compliance*) with this new order. It is recommended that facility owners / operators contact a “**Qualified Professional**” asap & visit the SWRCB IGP website to determine applicability at: http://www.swrcb.ca.gov/water_issues/programs/stormwater/industrial.shtml.

IGP regulates industrial storm water discharges & authorized non-storm water discharges (*NSWDs*) from “regulated” industrial facilities throughout California. All facilities (*Attachment A of Permit*) must comply with the same Permit.

Regulated Facilities - Facilities that are regulated by the New IGP are those with industrial storm water discharges & authorized *NSWDs* listed in Attachment A of the Permit. This General Permit does not apply to industrial storm water discharges & *NSWDs* that are regulated by other individual or general NPDES permits. Some facilities that are regulated under this permit may qualify for a NONA & are not covered under the New IGP.

- **Certification** – A Discharger’s (*i.e. Regulated Facility*) LRP seeking coverage under the New IGP shall certify all Permit Registration Documents (*PRDs*) for *NOI* or *NEC* coverage. All documents shall be submitted via SMARTS by the Discharger’s LRP or Duly Authorized Representative (*DAR*).
- **Minimum BMPs** – the Permit clearly defines minimum BMPs: Housekeeping, preventative maintenance, spill & Leak Response, material handling, erosion & sediment control, training, & quality assurance & record keeping.
- **Advanced BMPs** – defined in Permit, are typically applicable when a NAL Trigger is hit & include: treatment control, exposure reduction, storm water containment & discharge reduction, & utilizing storm water infiltration & reuse BMPs.

REGULATED FACILITIES / DISCHARGERS are required to:

- I. **Designate a QISP for each facility** the Discharger operates that has entered Level 1 &/or 2 status in the Exceedance Response Action (*ERA*) process,
- II. **Develop & Implement an Approved Storm Water Pollution Prevention Plan (SWPPP)** – Key SWPPP elements can be found in Appendix I of the IGP. For details on SWPPP requirements read further.
- III. **Develop & Implement “Sampling, Visual Observations, Reporting & Record Keeping”** (a) Conduct annual comprehensive facility compliance evaluation, (b) monthly visual observations, (c) evaluate whether measures to reduce or prevent industrial pollutant loads identified in the Discharger’s SWPPP denoting that they are adequate & properly implemented in accordance with the terms of this General Permit, & (c) determine whether additional control measures are needed, this includes: (i) electronically self-reporting any violations via SMARTS, (ii) comply with the Level 1 & 2 status Exceedance Response Action (*ERA*) requirements, when applicable, & (iii) adequately address & respond to any Regional Water Board comments on the Discharger’s compliance reports. (*Note: NEC sites are exempt from the Sampling, visual observation... provisions*). **Qualifying Storm Events (QSE)** (*storm event produces discharge for at least one drainage basin & is preceded by 48 hours with no discharge*) for Sampling & Monitoring provisions – establishes that the number of QSEs required to be sampled each year can be reduced when the Discharger demonstrates: (a) consistent compliance with this Permit, (b) consistent effluent water quality sampling, & (c) analysis results that do not exceed numerical action levels. QSE: Two from July 1 to December 31st & two from January 1 to June 30th per Reporting Year, from each drainage location within four hours or the start of the scheduled facility operating hours, if the QSE occurred in the previous twelve (12) hours.
 - **Baseline Status** – All Dischargers with *NOI* coverage have to perform Baseline Water Quality Sampling & Monitoring; if a Trigger (*Water Quality Objective Exceedance*) occurs, then
 - **Level 1 Status** – Discharger must review SWPPP, implement operational BMPs (*Level 1 Report – template via CASQA*) & designate a QISP by July 1st of next year; if a Trigger (*Water Quality Objective Exceedance*) occurs, then
 - **Level 2 Status** – Dischargers develop & implement structural source control &/or treatment BMPs & prepare & submit a Level 2 Technical Report Demonstration {(1) *Industrial Activity BMP demonstration (BAT/BCT)*, (2) *Non-Industrial Pollutant Source ID*, & (3) *Natural Background Pollutant Source ID*}.
 - *Compliance Determination can be assessed by applying Figure 3 at page 45 of the FactSheet from the Permit for NAL & Instantaneous Maximum NALs.*
- 1) **Monitoring Parameters:** (a) pH screening, if no pH Effluent Limitation Guidelines (*ELG*), (b) Alternative discharge locations, (c) Representative Sampling Reductions, (d) Qualified combined samples, (e) Sample frequency reduction. (*Table 2, page 43 of Permit*). Additional parameters may be site, operational, waterway status (*TMDL listed, 303d listed*) and RWQCB objectives **specific**.
- 2) **Monitoring Baseline Status includes:** (a) Numeric action levels (*NAL*), Minimum BMPs / possibly Advanced BMPs, (b) Inspection, implementation & maintenance, (c) Visual monitoring, (d) Sample 4 QSE per reporting year.
- 3) **ERA:** If a Numeric Action Level (*NAL*) is exceeded, a Discharger shall comply with multiple objective performance measurement systems that may include: (a) *NALs*, (b) new comprehensive training requirements, (c) Level 1 *ERA Reports*, (d) Level 2 *ERA Technical Reports*, and (e) Level 2 *ERA Action Plans* when required. These are based upon:



IGP OVERVIEW & KEY CONCEPTS *(Continued)*

REGULATED FACILITIES / DISCHARGERS are required to:

III. Develop and implement “Sampling, Visual Observations, Reporting and Record Keeping”.

3) ERA *(Continued)*:

i. **NAL – Numeric Action Levels** occur when one of the parameters comes back above the designated **Parameter Values in Table 2 of the Permit at page 43. There are two types of NALs:**

- a. **Annual NALs** - exceedance occurs when the **average** of all analytical results from all samples taken at a facility during a reporting year (7/1 – 6/30) for a given parameter (*does not include pH*) exceed an Annual NAL value (*Based on USEPA Benchmarks*), or
- b. **Instantaneous Maximum NALs** - exceedance occurs when two or more analytical results from samples taken for any parameter (*TSS, Oil & Grease, or pH*) within a reporting year (7/1 – 6/30) exceed the instantaneous maximum NAL value for specific California SIC codes and that occur at least two (2) times in a sample season.

Note: Average concentrations calculated by SMARTS, except for pH.

ii. **Non-Industrial Source Pollutant Demonstration (NISPD)** for a Level 2 ERA NAL exceedance Discharger can submit a NISPD Report to demonstrate that exceedances are caused by adjoining properties &/or aerial deposition.

iii. **Design storm standards for all treatment control BMPs** based on standards in SWRCB Order 2000-0011 regarding Standard Urban Storm Water Mitigation Plans (*SUSMPs*) which are consistent with BAT/BCT, to be protective of water quality, & to be effective for most pollutants.

Note: (1) Permit incorporates USEPA benchmark values as NALs. When NALs are exceeded in accordance with “triggers”, action is required. (2) Potential “off-ramps” include (a) Prove non-industrial sources affecting results (*atmospheric deposition, run-on, etc.*), (b) Prove BAT/BCT already met (*easier said than done...*), (c) Propose alternative NALs. If 4 consecutive QSE discharges sampled reflect parameters tested for within limits, then a facility can submit to go back to Baseline Status.

Compliance Group is a group of Dischargers (*Compliance Group Participants*) that share common types of pollutant sources & industrial activity characteristics that collaborate to achieve compliance. Must: (a) designate a “Compliance Group Leader” (*CGL – a QISP & ToR*) who will then serve as the primary contact for the group; (b) each participant must register with SMARTS; (c) wait for SWRCB Executive Director approval. CG must: (a) sample 1 event / discharge location every 6 months (*4 events per year*); (b) conduct within 4 hours of start of discharge or start of facility operation, (c) sample for TSS, Oil & Grease, pH & facility specific constituents, (d) report via SMARTS within 30 days of analyses.

NONA – Two options to qualify for a NONA: (1) Facility designed to contain maximum historic precipitation event, or (2) the facility is located in basin or other physical location that are hydrologically not connected to waters of the U.S. To file a NONA a P.E. must complete, submit and certify via SMARTS the SWRCB NONA application & a No Discharge Technical Report (*Signed by a PE*). **Note:** To qualify the NONA must account for a maximum historic precipitation event (*i.e. largest storm ever*) or series of events & the PE must establish historic rainfall.

No Exposure Certification (NEC) – A site’s QISP or CGL applies & submits documentation demonstrating that a facility has no exposure of industrial activities, nor materials to storm water discharges; can be exempt from the SWPPP, sampling requirements, & monitoring requirements in this General Permit. Must still certify & submit applicable PRDs (*NEC: form, checklist, site map*) electronically via SMARTS. Annual inspections, re-certifications, & fees are required in subsequent years.

A facility qualifies for a no exposure certification, only if industrial materials and activities are not exposed to rainfall. If a facility qualifies, then they do not have to prepare and follow a Stormwater Pollution Prevention Plan (SWPPP). This likely will mean facilities can avoid significant costs related to SWPPP development, sampling, and monitoring. The California State Water Resources Control Board (SWRCB) has a very specific definition of no exposure and criteria necessary to qualify for the no exposure certification. Remember:

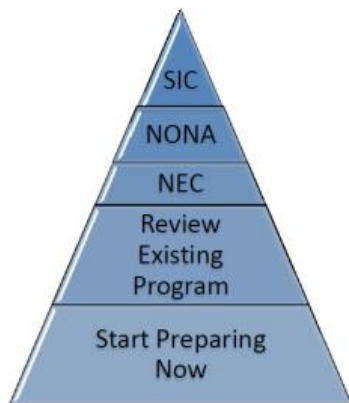
- A site map still must be submitted via SMARTS
- The legally responsible person (LRP) must certify that 11 materials/activities are not exposed to precipitation
- NEC must be completed by October 1st
- Need to file for conditional exclusion each year

Termination of Coverage – if operations at a Regulated Facility (a) have transferred to another entity, (b) have ceased, completed closure activities, & removed all industrial related pollutants, or (c) have changed & are no longer subject to the General Permit, then site QISP & /or CGL may certify & submit a Notice of Termination (*NOT*) via SMARTS. Until a valid NOT is received, the Discharger remains responsible for compliance with this Permit & payment of accrued annual fees.



DETERMINING PERMIT APPLICABILITY

Hierarchy of Strategies



Confirm Permit Applicability

- Is the SIC code covered – available at: www.osha.gov/pls/imis/sicsearch.html
- Does facility discharge
- Does facility qualify for no exposure certification

Review Existing Program

- Compare historical data to NALs
- Identify potential sources
- Assess BMP effectiveness
- Identify data gaps

Start Preparing Now

- Minimize number of applicable drainage areas
- Anticipate Level 1 & 2 Assessments
- Revise sampling program now to answer them
- Train staff now



IGP OVERVIEW & KEY CONCEPTS *(Continued)*

QISP Qualified Industrial Storm Water Practitioner – A professional that completed a SWRCB approved training course. No prerequisites to become a QISP, 16 hours of on-line training with 1 day classroom training.

Unauthorized NSWDS are Non-Storm Water Discharges not permitted by the New IGP & shall be either eliminated or permitted by a separate NPDES permit.

WQBEL – This Permit establishes what are known as Water Quality Based Effluent Limitations which are not numeric based, but instead based upon the implementation of minimum BMPs & applicable advanced BMPs.

Receiving Water Limitations - This General Permit requires compliance with receiving water limitations based on water quality standards. In effect, discharges shall not cause or contribute to an exceedance of applicable water quality standards.

TMDL – This permit requires compliance with receiving waters TMDL standards from all Point Sources.

- TMDL-specific permit requirements are not limited by the Best Available Technology Economically Achievable (*BAT*)/ Best Conventional Pollutant Control Technology (*BCT*) technology-based standards

California Ocean Plan (OP) applicability – Regulated facilities with discharges to the Ocean that adhere to the model monitoring provisions of the OP must strictly adhere to those provisions. Direct discharges to Areas of Special Biological Significance are prohibited.

SWPPP – KEY ELEMENTS OF A STORM WATER POLLUTION PREVENTION PLAN INCLUDE:

Section 1 – SWPPP Requirements: Includes the following: Introduction, Permit Registration Documents, SWPPP Availability & Implementation, Pollution Prevention Team, Duly Authorized Representative, Permits & Governing Documents, SWPPP Amendments, Retention of Records, ERAs, Annual Comprehensive Facility Compliance Evaluation, Annual Report, Termination & Changes to General Permit Coverage,

Section 2 – Facility Information: Includes the following: Facility Description, Facility Location, Facility Operations, Existing Conditions, Description of Drainage Areas & Existing Drainage, Stormwater Run-On From Offsite Areas, Geology & Groundwater, Operations Schedule, Pollutant Source Assessment, Description of Potential Pollutant Sources, Significant Spills & Leaks, Identification of Non-Stormwater Discharges (*NSWDS*), Required Site Map(s) Information

Section 3 – Best Management Practices: Includes the following: Minimum BMPs {*Good housekeeping, preventative maintenance, spill & leak prevention & response, material handling & waste management, erosion & sediment controls, employee training program, quality assurance & record keeping, advanced BMPs, exposure minimization BMPs, stormwater containment & discharge reduction BMPs, treatment control BMPs, other advanced BMPs, & BMP summary table*},

Section 4 BMP Implementation: Includes the following: Details BMP: designated implementation schedule, & inspection & maintenance schedule,

Section 5 Monitoring Implementation Plan (MIP): Includes the following: Purpose, weather & rain event tracking, monitoring locations, sample collection & visual observation exceptions, visual observation procedures, monthly visual observations, outdoor facility operation observations, BMP observations, non-stormwater discharge observations, sampling event visual observations, visual monitoring procedures, visual monitoring follow-up & reporting, visual monitoring locations, sampling & analysis procedures, sampling schedule, sampling locations, monitoring preparation, analytical constituents, sample collection, sample analysis, data evaluation & reporting, training of sampling personnel, sample collection & handling, sample collection, sample handling, sample documentation procedures, quality assurance & quality control, filed logs, clean sampling techniques, chain of custody, QA/QC samples, field duplicates, equipment blanks, field blanks, travel blanks, data verifications & records retention,

Attachments: Includes the following: MIP Attachment 1 - Weather Reports, MIP Attachment 2 - Monitoring Reports, MIP Attachment 3 - Example Forms, MIP Attachment 4 - Field Meter Instructions, MIP Attachment 5 - Other Regulatory Documents, & Section 6 – References,

Appendices include at a minimum. A – Site Map(s), B – Permit Registration Documents, C – Training Reporting Form, D – Responsible Parties, E – SWPPP Amendment Certifications, F – Calculations, G – CASQA Stormwater Handbook Portal: Industrial & Commercial Fact Sheets, H – BMP Implementation Log, I – BMP Observation Forms, J – Industrial General Permit

Re-Certification: Existing Permittees will need to file a Notice of Termination (Close out their existing Permit) and resubmit under the new Permit. This will require their existing WDID# and **Secret Code Number**. Contact the SWRCB.

Note: Individual SWPPPs may require additional information based upon site specifics, RWQCB regulatory requirements, agency specific requirements & of course local water quality objective requirements.

Disclaimer: This factoid is for informational purposes only & provides a simple overview of the new SWRCB IGP requirements that may or may not apply to a specific facility / business operation. It is the responsibility of the property / business owner to research & implement all applicable regulatory requirements & Best Management Practices.

Note: Pollutants never disappear; they are merely transferred from one medium to another - from land to air & water, from air to land & water & etcetera.



ATTACHMENT A – FACILITIES COVERED UNDER IGP PERMIT

- 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):**
Cement Manufacturing (40 C.F.R. Part 411); Fertilizer Manufacturing (40 C.F.R. Part 418), Phosphate Manufacturing (40 C.F.R. Part 422), Asphalt Emulsion (40 C.F.R. Part 443), Landfills (40 C.F.R. Part 445),
- MANUFACTURING FACILITIES:**
Facilities with Standard Industrial Classifications (SIC) 20XX through 39XX, 4221 through 4225. (...)
2000 FOOD AND KINDRED PRODUCTS
2011 MEAT PACKING PLANTS
2013 SAUSAGES & OTHER PREPARED MEAT PRODUCTS
2015 POULTRY SLAUGHTERING AND PROCESSING
2020 DAIRY PRODUCTS
2024 ICE CREAM & FROZEN DESSERTS
2030 CANNED, FROZEN & PRESERVD FRUIT, VEG & FOOD SPECIALTIES
2033 CANNED, FRUITS, VEG, PRESERVES, JAMS & JELLIES
2040 GRAIN MILL PRODUCTS
2050 BAKERY PRODUCTS
2052 COOKIES & CRACKERS
2060 SUGAR & CONFECTIONERY PRODUCTS
2070 FATS & OILS
2080 BEVERAGES
2082 MALT BEVERAGES
2086 BOTTLED & CANNED SOFT DRINKS & CARBONATED WATERS
2090 MISCELLANEOUS FOOD PREPARATIONS & KINDRED PRODUCTS
2092 PREPARED FRESH OR FROZEN FISH & SEAFOODS
2100 TOBACCO PRODUCTS
2111 CIGARETTES
2200 TEXTILE MILL PRODUCTS
2211 BROADWOVEN FABRIC MILLS, COTTON
2221 BROADWOVEN FABRIC MILLS, MAN MADE FIBER & SILK
2250 KNITTING MILLS
2253 KNIT OUTERWEAR MILLS
2273 CARPETS & RUGS
2300 APPAREL & OTHER FINISHD PRODS OF FABRICS & SIMILAR MATL
2320 MEN'S & BOYS' FURNISHGS, WORK CLOTHG, & ALLIED GARMENTS
2330 WOMEN'S, MISSES', AND JUNIORS OUTERWEAR
2340 WOMEN'S, MISSES', CHILDREN'S & INFANTS' UNDERGARMENTS
2390 MISCELLANEOUS FABRICATED TEXTILE PRODUCTS
2400 **LUMBER & WOOD PRODUCTS** (NO FURNITURE)
2421 SAWMILLS & PLANTING MILLS, GENERAL
2434 Kitchen cabinets wood
2430 MILLWOOD, VENEER, PLYWOOD, & STRUCTURAL WOOD MEMBERS
2451 MOBILE HOMES
2452 PREFABRICATED WOOD BLDGS & COMPONENTS
2510 **HOUSEHOLD FURNITURE**
2511 WOOD HOUSEHOLD FURNITURE, (NO UPHOLSTERED)
2520 OFFICE FURNITURE
2522 OFFICE FURNITURE (NO WOOD)
2531 PUBLIC BLDG & RELATED FURNITURE
2540 PARTITIONS, SHELVG, LOCKERS, & OFFICE & STORE FIXTURES
2590 MISCELLANEOUS FURNITURE & FIXTURES
2600 PAPERS & ALLIED PRODUCTS
2611 PULP MILLS
2621 PAPER MILLS
2631 PAPERBOARD MILLS
2650 PAPERBOARD CONTAINERS & BOXES
2670 CONVERTED PAPER & PAPERBOARD PRODS (NO CONTANERS/BOXES)
2673 PLASTICS, FOIL & COATED PAPER BAGS
2711 NEWSPAPERS: PUBLISHING OR PUBLISHING & PRINTING
2721 PERIODICALS: PUBLISHING OR PUBLISHING & PRINTING
2731 BOOKS: PUBLISHING OR PUBLISHING & PRINTING
2732 BOOK PRINTING
2741 MISCELLANEOUS PUBLISHING
2750 COMMERCIAL PRINTING
2761 MANIFOLD BUSINESS FORMS
2771 GREETING CARDS
2780 BLANKBOOKS, LOOSELEAF BINDERS & BOOKBINDG & RELATD WORK
2790 SERVICE INDUSTRIES FOR THE PRINTING TRADE
2800 CHEMICALS & ALLIED PRODUCTS
2810 INDUSTRIAL INORGANIC CHEMICALS
2820 PLASTIC MATERIAL, SYNTH RESIN/RUBBER, CELLULOS (NO GLASS)
2821 PLASTIC MATERIALS, SYNTH RESINS & NONVULCAN ELASTOMERS
2833 MEDICINAL CHEMICALS & BOTANICAL PRODUCTS
2834 PHARMACEUTICAL PREPARATIONS
2835 IN VITRO & IN VIVO DIAGNOSTIC SUBSTANCES
2836 BIOLOGICAL PRODUCTS, (NO DISGNOSTIC SUBSTANCES)
2840 SOAP, DETERGENTS, CLEANG PREPARATIONS, PERFUMES, COSMETICS
2842 SPECIALTY CLEANING, POLISHING AND SANITATION PREPARATIONS
2844 PERFUMES, COSMETICS & OTHER TOILET PREPARATIONS
2851 PAINTS, VARNISHES, LACQUERS, ENAMELS & ALLIED PRODS
2860 INDUSTRIAL ORGANIC CHEMICALS
2870 AGRICULTURAL CHEMICALS
2890 MISCELLANEOUS CHEMICAL PRODUCTS
2891 ADHESIVES & SEALANTS
2911 PETROLEUM REFINING
2950 ASPHALT PAVING & ROOFING MATERIALS
2990 MISCELLANEOUS PRODUCTS OF PETROLEUM & COAL
3011 TIRES & INNER TUBES
3021 RUBBER & PLASTICS FOOTWEAR



3050 GASKETS, PACKG & SEALG
DEVICES & RUBBER & PLASTICS HOSE
3060 FABRICATED RUBBER PRODUCTS, NEC
3080 MISCELLANEOUS PLASTICS PRODUCTS
3081 UNSUPPORTED PLASTICS FILM & SHEET
3086 PLASTICS FOAM PRODUCTS
3089 PLASTICS PRODUCTS, NEC
3100 LEATHER & LEATHER PRODUCTS
3140 FOOTWEAR, (NO RUBBER)
3211 FLAT GLASS
3220 **GLASS & GLASSWARE, PRESSED OR BLOWN**
3221 GLASS CONTAINERS
3231 GLASS PRODUCTS, MADE OF PURCHASED
GLASS
3241 CEMENT, HYDRAULIC
3250 STRUCTURAL CLAY PRODUCTS
3260 POTTERY & RELATED PRODUCTS
3270 CONCRETE, GYPSUM & PLASTER PRODUCTS
3272 CONCRETE PRODUCTS, EXCEPT BLOCK &
BRICK
3281 CUT STONE & STONE PRODUCTS
3290 ABRASIVE, ASBESTOS & MISC NONMETALLIC
MINERAL PRODS
**3310 STEEL WORKS, BLAST FURNACES & ROLLING &
FINISHING MILLS**
3312 STEEL WORKS, BLAST FURNACES & ROLLING
MILLS (COKE OVENS)
3317 STEEL PIPE & TUBES
3320 IRON & STEEL FOUNDRIES
3330 PRIMARY SMELTING & REFINING OF
NONFERROUS METALS
3334 PRIMARY PRODUCTION OF ALUMINUM
3341 SECONDARY SMELTING & REFINING OF
NONFERROUS METALS
3350 ROLLING DRAWING & EXTRUDING OF
NONFERROUS METALS
3357 DRAWING & INSULATING OF NONFERROUS
WIRE
3360 NONFERROUS FOUNDRIES (CASTINGS)
3390 MISCELLANEOUS PRIMARY METAL PRODUCTS
3411 METAL CANS
3412 METAL SHIPPING BARRELS, DRUMS, KEGS &
PAILS
3420 CUTLERY, HANDTOOLS & GENERAL
HARDWARE
3430 HEARING EQUIP, EXCEPT ELEC & WARM AIR; &
PLUMBING FIXTURES
3433 HEATING EQUIPMENT, EXCEPT ELECTRIC &
WARM AIR FURNACES
3440 FABRICATED STRUCTURAL METAL PRODUCTS
3442 METAL DOORS, SASH, FRAMES, MOLDINGS &
TRIM
3443 FABRICATED PLATE WORK (BOILER SHOPS)
3444 SHEET METAL WORK
3448 PREFABRICATED METAL BUILDINGS &
COMPONENTS
3451 SCREW MACHINE PRODUCTS
3452 BOLTS, NUTS, SCREWS, RIVETS & WASHERS
3460 METAL FORGINGS & STAMPINGS
3470 COATING, ENGRAVING & ALLIED SERVICES
3480 ORDNANCE & ACCESSORIES, (NO
VEHICLES/GUIDED MISSILES)
3490 MISCELLANEOUS FABRICATED METAL
PRODUCTS
3510 ENGINES & TURBINES
3523 FARM MACHINERY & EQUIPMENT

3524 LAWN & GARDEN TRACTORS & HOME LAWN &
GARDENS EQUIP
3530 CONSTRUCTION, MINING & MATERIALS
HANDLING MACHINERY & EQUIP
3531 CONSTRUCTION MACHINERY & EQUIP
3532 MINING MACHINERY & EQUIP (NO OIL & GAS
FIELD MACH & EQUIP)
3533 OIL & GAS FIELD MACHINERY & EQUIPMENT
3537 INDUSTRIAL TRUCKS, TRACTORS, TRAILORS &
STACKERS
3540 **METALWORKG MACHINERY & EQUIPMENT**
3541 MACHINE TOOLS, METAL CUTTING TYPES
3550 SPECIAL INDUSTRY MACHINERY (NO
METALWORKING MACHINERY)
3555 PRINTING TRADES MACHINERY & EQUIPMENT
3559 SPECIAL INDUSTRY MACHINERY, NEC
3560 GENERAL INDUSTRIAL MACHINERY &
EQUIPMENT
3561 PUMPS & PUMPING EQUIPMENT
3562 BALL & ROLLER BEARINGS
3564 INDUSTRIAL & COMMERCIAL FANS & BLOWERS
& AIR PURIFYING EQUIP
3567 INDUSTRIAL PROCESS FURNACES & OVENS
3569 GENERAL INDUSTRIAL MACHINERY &
EQUIPMENT, NEC
3570 COMPUTER & OFFICE EQUIPMENT
3571 ELECTRONIC COMPUTERS
3572 COMPUTER STORAGE DEVICES
3575 COMPUTER TERMINALS
3576 COMPUTER COMMUNICATIONS EQUIPMENT
3577 COMPUTER PERIPHERAL EQUIPMENT, NEC
3578 CALCULATING & ACCOUNTING MACHINES (NO
ELECTRONIC COMPUTERS)
3579 OFFICE MACHINES, NEC
3580 REFRIGERATION & SERVICE INDUSTRY
MACHINERY
3585 AIR-COND & WARM AIR HEATG EQUIP & COMM
& INDL REFRIG EQUIP
3590 MISC INDUSTRIAL & COMMERCIAL MACHINERY
& EQUIPMENT
3600 ELECTRONIC & OTHER ELECTRICAL
EQUIPMENT (NO COMPUTER EQUIP)
3612 POWER, DISTRIBUTION & SPECIALTY
TRANSFORMERS
3613 SWITCHGEAR & SWITCHBOARD APPARATUS
3620 ELECTRICAL INDUSTRIAL APPARATUS
3621 MOTORS & GENERATORS
3630 HOUSEHOLD APPLIANCES
3634 ELECTRIC HOUSEWARES & FANS
3640 ELECTRIC LIGHTING & WIRING EQUIPMENT
3651 HOUSEHOLD AUDIO & VIDEO EQUIPMENT
3652 PHONOGRAPH RECORDS & PRERECORDED
AUDIO TAPES & DISKS
3661 TELEPHONE & TELEGRAPH APPARATUS
3663 RADIO & TV BROADCASTING &
COMMUNICATIONS EQUIPMENT
3669 COMMUNICATIONS EQUIPMENT, NEC
3670 ELECTRONIC COMPONENTS & ACCESSORIES
3672 PRINTED CIRCUIT BOARDS
3674 SEMICONDUCTORS & RELATED DEVICES
3677 ELECTRONIC COILS, TRANSFORMERS & OTHER
INDUCTORS
3678 ELECTRONIC CONNECTORS
3679 ELECTRONIC COMPONENTS, NEC
3690 MISCELLANEOUS ELECTRICAL MACHINERY,
EQUIPMENT & SUPPLIES
3695 MAGNETIC & OPTICAL RECORDING MEDIA



3711 MOTOR VEHICLES & PASSENGER
CAR BODIES

3713 TRUCK & BUS BODIES

3714 MOTOR VEHICLE PARTS & ACCESSORIES

3715 TRUCK TRAILERS

3716 MOTOR HOMES

3720 AIRCRAFT & PARTS

3721 AIRCRAFT

3724 AIRCRAFT ENGINES & ENGINE PARTS

3728 AIRCRAFT PARTS & AUXILIARY EQUIPMENT,
NEC

3730 SHIP & BOAT BUILDING & REPAIRING

3743 RAILROAD EQUIPMENT

3751 MOTORCYCLES, BICYCLES & PARTS

3760 GUIDED MISSILES & SPACE VEHICLES & PARTS

3790 MISCELLANEOUS TRANSPORTATION
EQUIPMENT

3812 SEARCH, DETECTION, NAVIGATION,
GUIDANCE, AERONAUTICAL SYS

3821 LABORATORY APPARATUS & FURNITURE

3822 AUTO CONTROLS FOR REGULATING
RESIDENTIAL & COMM ENVIRONMENTS

3823 INDUSTRIAL INSTRUMENTS FOR
MEASUREMENT, DISPLAY, AND CONTROL

3824 TOTALIZING FLUID METERS & COUNTING
DEVICES

3825 INSTRUMENTS FOR MEAS & TESTING OF
ELECTRICITY & ELEC SIGNALS

3826 LABORATORY ANALYTICAL INSTRUMENTS

3827 OPTICAL INSTRUMENTS & LENSES

3829 MEASURING & CONTROLLING DEVICES, NEC

**3841 SURGICAL & MEDICAL INSTRUMENTS &
APPARATUS**

3842 ORTHOPEDIC, PROSTHETIC & SURGICAL
APPLIANCES & SUPPLIES

3843 DENTAL EQUIPMENT & SUPPLIES

3844 X-RAY APPARATUS & TUBES & RELATED
IRRADIATION APPARATUS

3845 ELECTROMEDICAL & ELECTROTHERAPEUTIC
APPARATUS

3851 OPHTHALMIC GOODS

3861 PHOTOGRAPHIC EQUIPMENT & SUPPLIES

3873 WATCHES, CLOCKS, CLOCKWORK OPERATED
DEVICES/PARTS

3910 JEWELRY, SILVERWARE & PLATED WARE

3911 JEWELRY, PRECIOUS METAL

3931 MUSICAL INSTRUMENTS

3942 DOLLS & STUFFED TOYS

**3944 GAMES, TOYS & CHILDREN'S VEHICLES (NO
DOLLS & BICYCLES)**

3949 SPORTING & ATHLETIC GOODS, NEC

3950 PENS, PENCILS & OTHER ARTISTS' MATERIALS

3960 COSTUME JEWELRY & NOVELTIES

**3990 MISCELLANEOUS MANUFACTURING
INDUSTRIES**

4221 Farm Product Warehousing and Storage

4222 Refrigerated Warehousing and Storage

4225 General Warehousing and Storage ~~fine self storage~~
~~per RWQCB 4/21/15 yes per RWQCB 5/6/15 no~~

4226 ~~Special Warehousing and Storage, not elsewhere
classified~~

3. **Oil and Gas/Mining Facilities:**

Facilities classified as SICs **10XX through 14XX**, including active or inactive mining operations ...

4. **Hazardous Waste Treatment, Storage, or Disposal Facilities:**

Hazardous waste treatment, storage, or disposal facilities, including any facility operating under interim status or a general permit under Subtitle C of the Federal Resource, Conservation, and Recovery Act.

5. **Landfills, Land Application Sites, and Open Dumps:**

Landfills, land application sites, and open dumps that receive or have received industrial waste ... and facilities that have accepted wastes from construction activities (*construction activities include any clearing, grading, or excavation that results in disturbance*).

6. **Recycling Facilities:**

Facilities involved in the recycling of materials, including metal scrapyards, battery reclaimers, salvage yards, and automobile junkyards, including ... 5015 and 5093.

8. **Transportation Facilities:**

Facilities with SICs **40XX through 45XX** (*except 4221-25*) and 5171 with vehicle maintenance shops, equipment cleaning operations, Only those portions of the facility involved in vehicle maintenance (*including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication*) or other operations identified under this Permit as associated with industrial activity.

9. **Sewage or Wastewater Treatment Works:**

Facilities used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, ... with a design flow of one million gallons per day or more, or required to have an approved pretreatment program under

III. **TECHNICAL RATIONALE FOR REQUIREMENTS IN THIS GENERAL PERMIT**

A. **Receiving General Permit Coverage** - The SIC manual also discusses "**AUXILIARY**" **FUNCTIONS** of establishments.

Auxiliary functions provide management or support services to the establishment. Examples of auxiliary functions are warehouses and storage facilities for the establishment's own materials, maintenance and repair shops of the establishment's own machinery, automotive repair shops or storage garages of the establishment's own vehicles, administrative offices, research, development, field engineering support, and testing conducted for the establishment. When auxiliary functions are performed at physically separate facilities from the establishment they serve, they generally are not subject to General Permit coverage. **If auxiliary functions are performed at the same physical location as the establishment, then they are subject to General Permit coverage if they are associated with industrial activities.**



IV. **1.0 SMARTS QUICK START GUIDE (Update 7/26/15)**

- 1) All SMARTS users must Sign Up for an individual SMARTS User Account.
- 2) The Legally Responsible Person (LRP) can link LRPs, Duly Authorized Representatives (DARs), and Data Entry Persons (DEPs) to assist in managing new and existing Permit Registration Documents (PRDs).
- 3) Important: A signed hardcopy of the LRP **Electronic Authorization (eAuthorization) Form must be mailed to the State Water Board** for each Organizations LRP and DAR certifying and submitting information to the State Water Board in SMARTS (See Section 2.0).
- 4) **Hardcopy submittals to the State Water Board**
 - a. Fee Statement and checks
 - b. Signed Electronic Authorization (eAuthorization) Forms Mailed to:
Storm Water Section
P.O. Box 1977
Sacramento, CA 95812-1977
- 5) SMARTS Checklists
SMARTS Recertification of an existing Industrial General Permit NOI
SMARTS Registration for a new Notice of Non Applicability (NONA)
 - LRP must Sign Up for a SMARTS account
 - Certify and submit Industrial NONA application
 - Verify that your eAuthorization form has been mailed in for this Organization
 - Upload a No Discharge Technical Report certified by a California licensed professional engineer
- 6) **Current Fee Schedule (7/26/15)** - http://www.swrcb.ca.gov/resources/fees/docs/fy1415_stormwater_fees.pdf
- 7) **Secret Code Number?** Contact the State Water Board at (866) 563-3107 or stormwater@waterboards.ca.gov to obtain the Secret Code Number if you cannot locate the Secret Code Number previously mailed by the State Water Board

For additional questions, contact the SMARTS Help Center at:

1-866-563-3107 stormwater@waterboards.ca.gov - Monday through Friday (excluding State Holidays) 8:00 a.m. - 5:00 p.m, or

SIC Codes can be found at: <http://siccode.com/en/siccode/list/directory> and at: www.osba.gov/pls/imis/sicsearch.html

SWRCB - Laurel Warddrip (916) 341-5531 or lwarddrip@waterboards.ca.gov

SWRCB - Leo Cosentini – (916) 341-5524 or lcosentini@waterboards.ca.gov