

FACT SHEET/STATEMENT OF BASIS

**GENERAL MULTI-SECTOR PERMIT FOR STORM WATER DISCHARGES
ASSOCIATED WITH INDUSTRIAL ACTIVITY**

PERMIT NUMBER UTR000000

GROUP 5-PERMIT RENEWAL (SECTORS J, K, L, N, O, Q, S, V, X, Y and Z)

DRAFT DATE OCTOBER 31, 2012

STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM MINERAL MINING AND PROCESSING FACILITIES, HAZARDOUS WASTE TREATMENT FACILITIES, LANDFILLS AND LAND APPLICATION SITES, SCRAP RECYCLING AND WASTE RECYCLING FACILITIES, STEAM ELECTRIC POWER GENERATING FACILITIES, VEHICLE MAINTENANCE AREAS AND EQUIPMENT CLEANING AREAS OF WATER TRANSPORTATION FACILITIES, VEHICLE MAINTENANCE AREAS AND EQUIPMENT CLEANING AREAS OR AIRPORT DEICING OPERATIONS LOCATED AT AIR TRANSPORTATION FACILITIES, TEXTILE MILLS, APPAREL AND OTHER FABRIC PRODUCT MANUFACTURING FACILITIES, PRINTING AND PUBLISHING FACILITIES, RUBBER AND MISCELLANEOUS PLASTIC PRODUCT MANUFACTURING FACILITIES AND LEATHER TANNING AND FINISHING FACILITIES.

GENERAL DESCRIPTION OF DISCHARGES AUTHORIZED UNDER THE MULTI SECTOR GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY:

Storm water drainage areas covered by this permit include but are not limited to discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters; sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and finished products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. Areas on industrial sites which are not regulated and need not be included in this permit (providing the storm water from these areas do not mix with storm water from regulated areas) are any undisturbed areas, office complexes not immediately connected with other industrial areas, and parking lots for office complexes (unless industrial materials or equipment travel over these parking lots).

This permit regulates storm water only. A facility may have other permitted discharges at the site such as process water covered under a separate UPDES permit. Also allowed in a storm water discharge under this permit are fire hydrant flushings; potable water sources including waterline flushings; drinking fountain water; irrigation drainage; lawn watering; routine external building wash down that does not use detergents or other compounds; pavement wash waters where spills or leaks of toxic or hazardous materials (including oils and fuels) have not occurred (unless all spilled material has been removed) and where detergents are not used; air conditioning condensate; uncontaminated compressor condensate; uncontaminated springs; uncontaminated ground water; and foundation or footing drains where flows are not contaminated with process materials such as solvents.

STATEMENT OF BASIS

General Multi-Sector Industrial Storm Water Permit

Page 2

For administrative reasons the permit sectors were broken out into five groups. Although the permit is designed and structured to allow coverage for any sector it is the intention of DWQ to primarily provide coverage only for discharges from the inclusive sectors of Group 5 under this permit renewal for Group 5 (Sectors J, K, L, N, O, Q, S, V, X, Y, and Z).

MSGP GROUP 5:

The term for this renewal of MSGP Group 5 permit is January 1, 2013 to December 31, 2017. MSGP Group 5 covers facilities where the primary industrial activity is from Sectors J, K, L, N, O, Q, S, V, X, Y, and Z, Storm Water Discharges Associated with Industrial Activity from Mineral Mining and Processing Facilities, Hazardous Waste Treatment Storage or Disposal Facilities, Landfills and Land Application Sites. Scrap Recycling and Waste Recycling Facilities, Steam Electric Power Generating Facilities, Vehicle Maintenance Areas and Equipment Cleaning Areas of Water Transportation Facilities, Vehicle Maintenance Areas and Equipment Cleaning Areas or Airport Deicing Operations Located at Air Transportation Facilities, Textile Mills, Apparel and Other Fabric Product Manufacturing Facilities, Printing and Publishing Facilities, Rubber and Miscellaneous Plastic Product Manufacturing Facilities and Leather Tanning and Finishing Facilities. Other industrial activities at a facility that are covered under a MSGP Group 5 permit but are classified in other Sectors may be covered by this permit if the other activity is secondary to the activities of the Sectors listed above.

COVERAGE:

This general permit covers all facilities with a primary standard industrial classification under the definitions of Sectors J, K, L, N, O, Q, S, V, X, Y and Z and may include storm water discharges associated with industrial activity under other sectors as long as they are secondary to the above sectors. Sectors J, K, L, N, O, Q, S, V, X, Y, and Z includes facilities under standard industrial classification codes 14, 5093, 44, 45, 22, 23, 31, 2711-2732, 2741, 2752, 2754, 2759, 2761-2791, 2796, 30, 39, , 3299, 10, 20, 21, 34, 391, and all active hazardous waste treatment storage or disposal facilities, landfill and land application sites and steam electric power generating facilities.

PERMIT CONDITIONS:

The strategy for storm water permitting is to focus on source control rather than, but not precluding, traditional end of pipe treatment. The major portion of this permit requires a pollution prevention plan to be designed by the facility to accomplish the following:

- 1) Identify personnel for a pollution prevention team, responsible for developing the pollution prevention plan and assisting the facility or manager in its implementation, maintenance, and revision.
- 2) Identify and describe potential storm water pollution sources. Steps to accomplish this are listed below:
 - a) develop site maps showing drainage, structural controls, spill areas, areas with pollution risks, areas with erosion risks, and water bodies;
 - b) generate and maintain an inventory of exposed materials;

STATEMENT OF BASIS

General Multi-Sector Industrial Storm Water Permit

Page 3

- c) list times and locations of significant spills or leaks of toxic or hazardous pollutants;
 - d) certify that there are no non-storm water discharges except those allowed in the permit;
 - e) evaluate the risks of storm water pollution on industrial activities that take place on site;
- 3) Identify and implement management and structural control measures to prevent storm water pollution. Steps to accomplish this are listed below:
- a) maintain good housekeeping;
 - b) provide inspection and maintenance of storm water equipment;
 - c) identify spill areas and provide material handling procedures, storage requirements, and clean up responses and equipment;
 - d) provide training programs for employees affected by the pollution prevention plan;
 - e) develop record keeping systems and reporting systems for inspections, reports, spills, and maintenance;
 - f) develop plans to reduce erosion from storm water or the transport of sediment by storm water;
 - g) develop a plan for the management of storm water considering the most effective use of traditional or source control storm water management systems.
- 4) Provide comprehensive site compliance evaluations.
- 5) Perform visual monitoring of storm water runoff during storms that is representative of permitted areas of the site.

EFFLUENT LIMITATIONS AND BASIS FOR EFF. LIMITATIONS

Effluent limitations included in the permit are for coal pile runoff (if applicable). Coal pile runoff must maintain a pH in the range of 6.5 to 9.0 in accordance with secondary treatment standards (*UAC R317-1-3.2*), and must maintain a total suspended solids limit of 50 mg/L based on the limit given to steam electric power generating Best Available Technologies (*40 CFR 423.12(b)(9)*).

PERMIT DURATION: The permit duration shall be five years to commence on the effective date of the general permit.

Drafted by
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DWQ
October 31, 2012