STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI-9140
FOR

TRIMARK PACIFIC – MANDALAY BAY, LLC
MANDALAY BAY AT NORTH SHORE
NORTHEAST OF HARBOR BOULEVARD AND W. FIFTH STREET INTERSECTION
OXNARD, CALIFORNIA

ENROLLMENT UNDER REGIONAL BOARD
ORDER NO. R4-2002-0030 (Series No. 062)
FILE NO. 06-147

I. MONITORING AND REPORTING REQUIREMENTS

A. Trimark Pacific – Mandalay Bay, LLC (Discharger) shall implement this monitoring program on the effective date of this enrollment (August 8, 2006) under Regional Board Order No. R4-2002-0030. The first monitoring report under this program, for the monitoring period July – September 2006 shall be received at the Regional Board by October 15, 2006. Subsequent monitoring reports shall be received at the Regional Board according to the following schedule:

Monitoring Period	Report Due
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15
Annual Summary Report	March 1 of each year

B. If there is no discharge during any reporting period, the report shall so state. Monitoring reports must be addressed to this Regional Board, Attention: Information Technology Unit.

C. By March 1 of each year, beginning March 1, 2007, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall explain the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with this Order.

D. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance

with this Order. This section shall be located at the front of the report and shall clearly list all non-compliance with this Order, as well as all excursions of effluent limitations.

E. The Discharger shall comply with requirements contained in Section G. of Order No. R4-2002-0030 "*Monitoring and Reporting Requirements*"in addition to the aforementioned requirements.

II. WATER QUALITY MONITORING

A. Influent Monitoring

Representative samples of groundwater from the pumping operation within the VOC contamination plume (Figure 1) shall be obtained prior to any treatment.

The following shall constitute the influent-monitoring program for these groundwater extraction wells:

Constituents	Units[1]	Type of Sample	Minimum Frequency of Analysis[2]
pH[3]	pH units	grab	Monthly
temperature[3]	°F	grab	Monthly
total dissolved solids	mg/L	grab	Monthly
sulfate	mg/L	grab	Monthly
chloride	mg/L	grab	Monthly
total petroleum hydrocarbons (as gasoline)	µg/L	grab	Monthly
benzene	µg/L	grab	Monthly
toluene	µg/L	grab	Monthly
ethylbenzene	µg/L	grab	Monthly
total xylenes	µg/L	grab	Monthly
1,1-dichloroethane	µg/L	grab	Monthly
cis-1,2,-dichloroethene	µg/L	grab	Monthly
tetrachloroethene	µg/L	grab	Monthly
trichloroethene	µg/L	grab	Monthly
vinyl chloride	µg/L	grab	Monthly
CAM metals	mg/L	grab	Quarterly

[1] µg/L - micrograms per liter; mg/L – milligrams per liter; °F - degrees Fahrenheit
[2] The sampling event is required within the first month from the effective day of this permit.
[3] This constituent can be monitored using a field instrument.

B. Effluent Monitoring

A sampling station shall be established at the point of discharge (the end point of the groundwater treatment system) and shall be located where representative samples of the effluent can be obtained. This sampling station shall not be changed and any proposed change of sampling location shall be identified and approved by the Executive Officer prior to its use.

The following shall constitute the effluent monitoring program for the treated groundwater prior to discharge as dust suppressant:

Constituents	**Units[1]**	**Type of Sample**	**Minimum Frequency of Analysis**
pH[2]	pH units	grab	Quarterly
total dissolved solids	mg/L	grab	Quarterly
sulfate	mg/L	grab	Quarterly
chloride	mg/L	grab	Quarterly
total petroleum hydrocarbons (as gasoline)	µg/L	grab	Quarterly
benzene	µg/L	grab	Quarterly
toluene	µg/L	grab	Quarterly
ethylbenzene	µg/L	grab	Quarterly
total xylenes	µg/L	grab	Quarterly
1,1-dichloroethane	µg/L	grab	Quarterly
cis-1,2,-dichloroethene	µg/L	grab	Quarterly
tetrachloroethene	µg/L	grab	Quarterly
trichloroethene	µg/L	grab	Quarterly
vinyl chloride	µg/L	grab	Quarterly
CAM metals	mg/L	grab	Quarterly

[1] µg/L - micrograms per liter; mg/L – milligrams per liter; °F - degrees Fahrenheit
[2] This constituent can be monitored using a field instrument.

C. Groundwater Monitoring

A groundwater-monitoring program shall be designed to detect and evaluate impacts associated with the dust suppression activities. The following monitoring wells shall constitute the monitoring program MW-4, MW-6, MW-7, MW-9, MW-11, MW-13, MW-14 (Figure 1). These sampling stations shall not be changed and any proposed change of monitoring locations shall be identified and approved by the Regional Board Executive Officer (Executive Officer) prior to their use.

The following shall constitute the groundwater monitoring program:

Constituents	Units[1]	Type of Sample	Minimum Frequency of Analysis
pH[2]	pH units	grab	Quarterly
total dissolved solids	mg/L	grab	Quarterly
sulfate	mg/L	grab	Quarterly
chloride	mg/L	grab	Quarterly
total petroleum hydrocarbons (as gasoline)	µg/L	grab	Quarterly
benzene	µg/L	grab	Quarterly
toluene	µg/L	grab	Quarterly
ethylbenzene	µg/L	grab	Quarterly
total xylenes	µg/L	grab	Quarterly
1,1-dichloroethane	µg/L	grab	Quarterly
cis-1,2,-dichloroethene	µg/L	grab	Quarterly
tetrachloroethene	µg/L	grab	Quarterly
trichloroethene	µg/L	grab	Quarterly
vinyl chloride	µg/L	grab	Quarterly
CAM metals	µg/L	grab	Quarterly

[1] µg/L - micrograms per liter; mg/L – milligrams per liter; °F - degrees Fahrenheit
[2] This constituent can be monitored using a field instrument.

All groundwater monitoring reports must include, at minimum, the following:

a. Well identification, date and time of sampling;
b. Sampler identification, and laboratory identification; and
c. Quarterly observation of groundwater levels, recorded to 0.01 feet mean sea level and groundwater flow direction.

III. WASTE HAULING REPORT

In the event that wastes are hauled for further treatment or to a disposal site, the name and address of the hauler of the waste shall be reported in each quarterly monitoring report, along with quantities hauled during the quarter, and the location of the final point of disposal. If no wastes are hauled during the reporting period, a statement to that effect shall be submitted in the quarterly monitoring report.

IV. OPERATION AND MAINTENANCE REPORT

The Discharger shall file a technical report with this Regional Board, no later than 30 days after receipt of these Waste Discharge Requirements, relative to the operation and

maintenance program for the groundwater treatment system. The information to be contained in that report shall include, at a minimum, the following:

1. The name, address, and telephone number of the person or company responsible for operation and maintenance of the groundwater treatment system;

2. Type of maintenance (preventive or corrective); and

3. Frequency of maintenance, if preventive.

V. MONITORING FREQUENCIES

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

VI. REMEDIATION PROGRESS REPORT

The Discharger shall submit quarterly and annual progress reports of the remediation activities conducted at the site. The progress report shall includes a summary of the remediation activities conducted at the site during the reporting period and planned activities for the next reporting period.

VII. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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 a fine and imprisonment.

Executed on the _____day of _____

at _____

_____(Signature)

_____(Title)"

All records and reports submitted in compliance with this Order are public documents and will be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region, upon request by interested parties. Only proprietary information, and only at the request of the Discharger will be treated as confidential.

Ordered by: _____ Date: August 8, 2006
Jonathan S. Bishop
Executive Officer

Figure 1:
Current Activities at Northshore at Mandalay Bay Project Site