CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. R2-2006-0008

AMENDMENT OF WASTE DISCHARGE REQUIREMENTS
ORDER NO. R2-2002-0066

WEST COUNTY LANDFILL, INC.
WEST CONTRA COSTA SANITARY LANDFILL, INC.
REPUBLIC SERVICES, INC.

WEST CONTRA COSTA SANITARY LANDFILL, CLASS II WASTE MANAGEMENT FACILITY
RICHMOND, CONTRA COSTA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board), finds that:

DISCHARGERS AND LOCATION

1. Owner, operator, and dischargers named: West County Landfill, Inc. currently owns the West Contra Costa Sanitary Landfill Class II waste management facility (WCCSL). West Contra Costa Sanitary Landfill, Inc. currently operates WCCSL. West County Landfill, Inc. and West Contra Costa Sanitary Landfill, Inc. were acquired by Republic Services, Inc. in May 2001. West County Landfill, Inc., West Contra Costa Sanitary Landfill, Inc., and Republic Services, Inc. are hereinafter referred to as the Dischargers. The Board issued Order No. R2-2002-0066 to the Dischargers on June 19, 2002 to regulate the discharge of Class II waste at WCCSL.

2. Landfill location and description: WCCSL is located north of Interstate 580 and the Richmond-San Rafael Bridge along the San Pablo Bay shoreline at the west end of Parr Boulevard, as shown in Figure 1. WCCSL is a Class II facility consisting of approximately 160 acres. Adjacent to WCCSL is a Class I landfill consisting of approximately 28 acres. The Class I and Class II landfills were formed by placing waste upon Bay Muds. Commercial and industrial areas surround the landfills.

PURPOSE OF ORDER UPDATE

3. Modification of Deadlines: The purpose of this Order is to amend Waste Discharge Requirements as necessary to allow disposal of waste to continue at WCCSL for eight months beyond the January 31, 2006, deadline specified in Order No. R2-2002-0066, so that surface grades necessary for proper landfill closure can be obtained. This Order also modifies the deadlines for the submittal of technical reports specified in Order No. R2-2002-0066.

BASIS FOR ORDER AMENDMENT

4. Lower than anticipated filling rates: In a October 21, 2005, letter report and a October 14, 2005, Revised Closure Plan, the Dischargers at WCCSL documented filling rates at WCCSL that were significantly less than those anticipated at the time Order No. R2-2002-0066 was adopted. The reduced filling rates were due to changes in landfill operations, changes in final grade configurations, and associated delays in obtaining required city and county use and grading permits. Because of the lower than expected filling rates, significant landfill capacity will remain at WCCSL after January 31, 2006. An additional eight months of filling will allow the Dischargers to bring WCCSL up to the needed grade and more properly close the landfill.

5. Reduction of potential for water quality impacts: Order No. R2-2002-0066 specified the height and grade necessary at WCCSL to promote sufficient stormwater runoff and prevent excessive settlement and generation of landfill leachate. The Dischargers have estimated that attainment of the height and grade necessary to minimize stormwater infiltration and leachate generation will be reached within eight months of WCCSL's current waste acceptance deadline. The Dischargers have reported that an additional eight months of filling will not increase the potential for any adverse water quality impacts or increase the total volume of waste discharged at WCCSL anticipated at the time Order No. R2-2002-0066 was adopted.

6. CEQA: This amendment is exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15301, Title 14 of the California Code of Regulations.

7. Public notification: This Board has notified the Dischargers and interested agencies and persons of its intent to amend Waste Discharge Requirements, and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.

8. Public meeting: The Board, in a public meeting, heard and considered all comments pertaining to this amendment of Waste Discharge Requirements.

IT IS HEREBY ORDERED THAT:

1. Page 15 of Order No. R2-2002-0066 is amended to include the following new provision:

13.a. **UPDATED LEACHATE MANAGEMENT PLAN**

COMPLIANCE DATE: **January 24, 2006**

The Dischargers shall submit a technical report, acceptable to the Executive Officer, which provides an updated leachate management plan. The plan shall evaluate the current site conditions and the methods for leachate collection, extraction, conveyance, and disposal at and from the Class II landfill. The plan shall also take into consideration the site conditions and leachate issues at the adjacent Class I landfill. The plan shall address and, if needed, propose changes in order to prevent water quality impacts potentially associated with excess landfill leachate generation as a result of continued waste acceptance beyond January 31, 2006. Acceptance of this management plan by the Executive Officer is necessary prior to waste acceptance beyond January 31, 2006. Should the Dischargers not submit this plan, acceptable to the Executive Officer, by the January 24, 2006, compliance date, the Executive Officer shall determine whether the plan is acceptable within seven calendar days of its actual receipt.

2. Page 15, Provision C.13 of the WDRs Order No. R2-2002-0066 is amended as follows:

13.b. **REVISED CLOSURE SCHEDULE**

COMPLIANCE DATE: **April 15, 2006**

The Dischargers shall submit a technical report, acceptable to the Executive Officer, which includes a revised schedule for final closure of the landfill. The

schedule shall include provisions to cease all waste disposal at the landfill no later than **September 30, 2006**, and complete final closure no later than **September 30, 2008**. The final closure date of September 30, 2008, shall not be dependent on waste volume received. If necessary, the Dischargers will need to modify final closure grades in order to meet the September 30, 2008, final closure date. The schedule shall propose earlier dates for ceasing waste disposal and completion of final closure if warranted by the report evaluating landfill stability required under Provision C.10.

3. Page 16, Provision C.14 of Order No. R2-2002-0066 is amended as follows:

14. **FINAL CLOSURE REPORT**

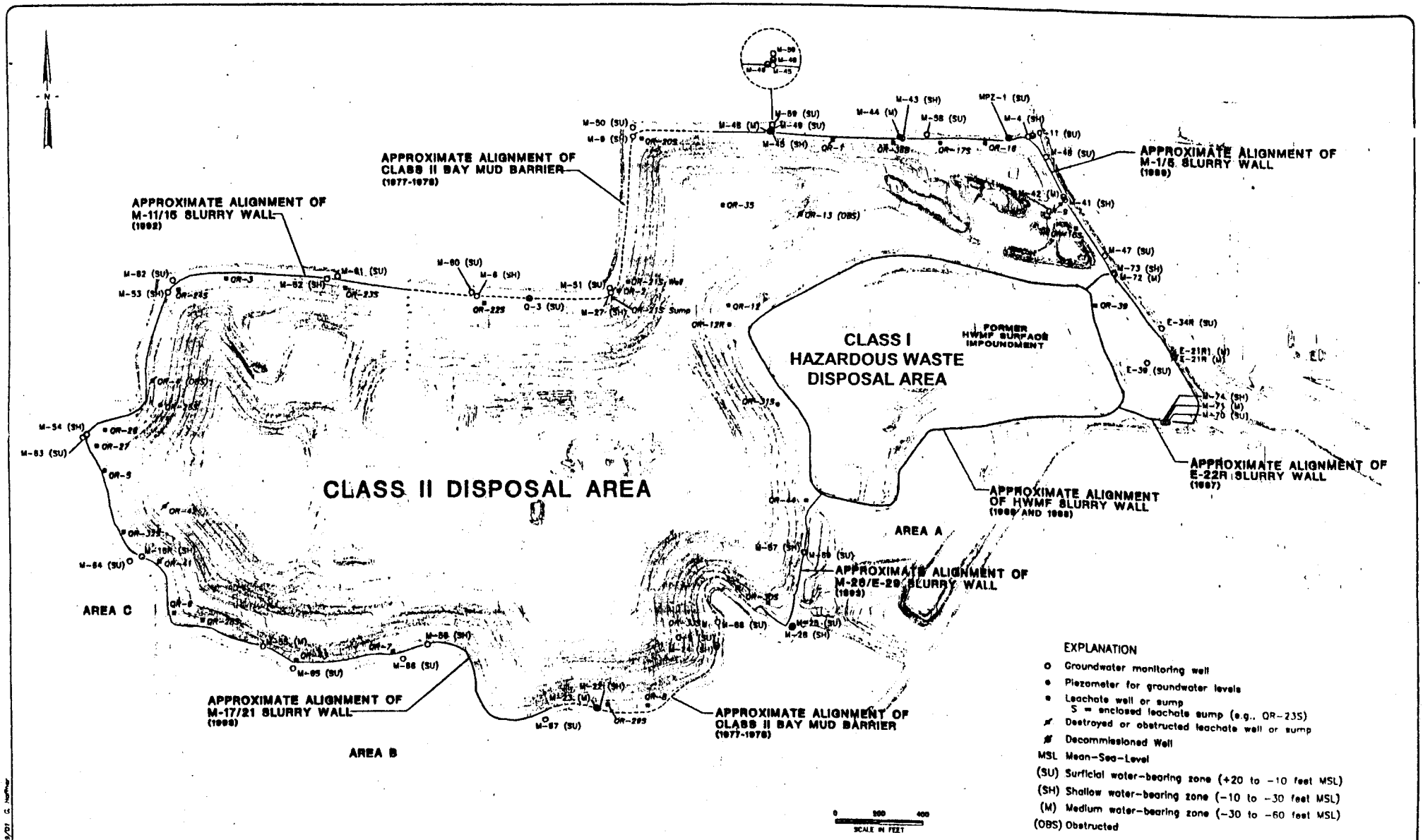
COMPLIANCE DATE: **January 30, 2009**

The Dischargers shall submit a technical report, acceptable to the Executive Officer, which documents final closure of the landfill. Final closure shall be conducted in accordance to the 1994 closure plan as modified herein together with any modifications to the closure plan approved by the Executive Officer in the technical report submitted pursuant to Provision C.10.

I, Bruce H. Wolfe, Executive Officer, do hereby certify that the foregoing is a full, complete, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on January 11, 2006.

Bruce H. Wolfe
Executive Officer

Attachment: Figure 1, Site Location Map



Topographic base map compiled using photogrammetric methods.
Date of photography: June 2001.

Pegasus Geoscience

WEST COUNTY LANDFILL, INC.
WEST CONTRA COSTA SANITARY LANDFILL
CLASS II WASTE MANAGEMENT FACILITY
RICHMOND, CALIFORNIA
CORRECTIVE ACTION GROUNDWATER MONITORING PROGRAM MONITORING LOCATIONS

FIGURE NO. 1

PROJECT NO. 122.02.01