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January 22, 1999

983-7037

Norcal Waste Systems, Inc.
235 North First Street
Dixon, California 95620

ATTN: Mr. Tim Daleiden

**RE: DESIGN REPORT AND CONSTRUCTION DOCUMENTS
B&J SANITARY LANDFILL, DISPOSAL MODULE 11.2
SOLANO COUNTY, CALIFORNIA**

Golder Associates Inc. (Golder) is pleased to submit this design report and construction documents for the construction of Disposal Module (DM) 11.2 at the B&J Sanitary Landfill in Solano County, California. B&J Drop Box, Inc., a subsidiary of Norcal Waste Systems, owns and operates the B&J Sanitary Landfill as a Class II solid waste disposal facility. This report presents the grading plan and base liner design for DM 11.2, which has been designed as a Class II disposal unit in compliance with the design requirements specified in the site's Waste Discharge Requirements (WDR's) Order No. 97-145. Figure 1 shows the site development plan and the limits of the DM 11.2 base liner.

1. FINAL BASE GRADING

The grading plan for DM 11.2 generally conforms to the conceptual design developed by Geosyntec (1995). The design includes minor modifications to the lateral extent and base grades as a result of the incorporation of two sumps within the DM 11 footprint. The original conceptual design only included a single sump within DM 11. The incorporation of multiple sumps provides redundancy and increased efficiency in the leachate collection and removal system (LCRS).

Grading for DM 11.2 will involve excavation or placement of general fill to the design grades shown on Drawing 3 of the construction plans (Appendix A). The final base grades maintain a minimum 2 percent grade on the floor and 1 percent grade along the Leachate Collection and Removal System (LCRS) drainage pipes, which are consistent with the construction of previous cells at the site. The base grading and construction requirements are designed to provide positive drainage to the collection sump and to provide a firm, stable foundation for the containment system.

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SACRAMENTO
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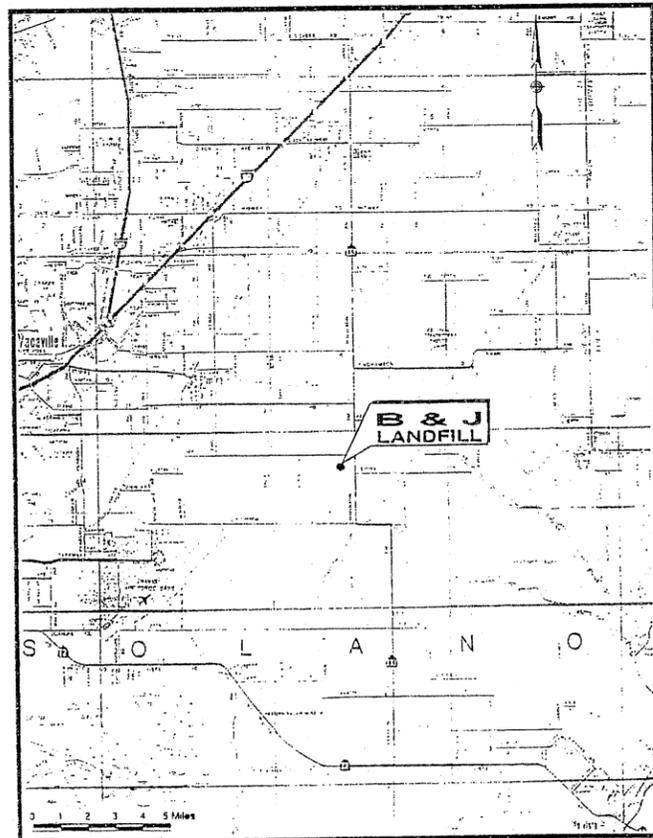
CONSTRUCTION DRAWINGS

 **B&J DROP BOX
SANITARY LANDFILL
DISPOSAL MODULE 11.2**

SOLANO COUNTY, CALIFORNIA



LOCATION MAP



DRAWING NO.	TITLE
1	COVER SHEET
2	SITE PLAN
3	SUBGRADE PLAN
4	CROSS-SECTIONS
5	SUMP PLAN AND DETAILS
6	CONTAINMENT SYSTEM DETAILS
7	CONTINUATION DETAILS
8	EXISTING SOIL BORROW CONDITIONS
9	SOIL BORROW AREA EXCAVATION PLAN

PREPARED BY:



PROJECT NO.: 983-7037
PREPARED: JANUARY 1999

