2010

WC3

CONSTRUCTION QUALITY ASSURANCE PLAN

# CONSTRUCTION QUALITY ASSURANCE PLAN

## Disposal Modules 3.2 & 3.3 Liner System

## Recology Hay Road Landfill

## Vacaville, California

## Revision 1

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SACRAMENTO
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10 JUN 29 AM 10: 01

**Submitted To:** Recology Hay Road
235 North First Street
Dixon, California, 95620

**Submitted By:** Golder Associates Inc.
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REGISTERED PROFESSIONAL ENGINEER
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STATE OF CALIFORNIA

**Distribution:**

June 2010

103-97128

A world of capabilities delivered locally

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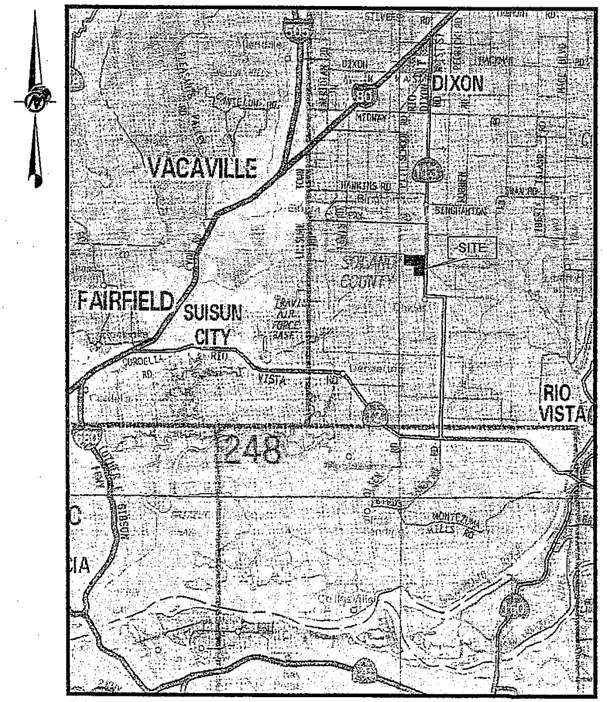
## CONSTRUCTION DRAWINGS

# RECOLOGY HAY ROAD DISPOSAL MODULES 3.2 & 3.3 BASE LINER SYSTEM

## SOLANO COUNTY, CALIFORNIA

## REVISION 1




Reference: Thomas Bros. Maps, The Thomas Guide, California Road Atlas and Drivers Guide, 2000.

20,000 0 20,000 40,000
SCALE FEET

**LOCATION MAP**

| DRAWING NO. | TITLE |
|---|---|
| 1 | COVER SHEET |
| 2 | SITE PLAN |
| 3 | SUBGRADE PLAN |
| 4 | SUBGRADE SURVEY GRID PLAN |
| 5 | SOIL BORROW EXCAVATION PLAN |
| 6 | CROSS-SECTIONS |
| 7 | CONTAINMENT SYSTEM DETAILS |
| 8 | CONTAINMENT SYSTEM DETAILS |
| 9 | SUMP DETAILS |
| 10 | SUMP DETAILS |
| 11 | LEACHATE EXTRACTION SYSTEM PLAN AND DETAILS |

RECEIVED
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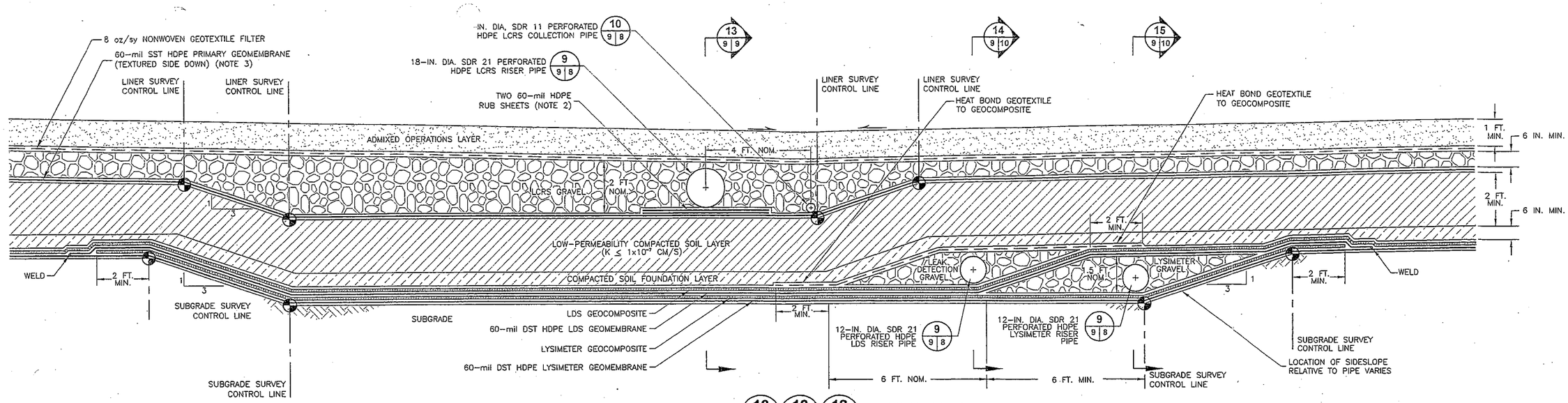
PREPARED BY:
Golder Associates
Roseville, California

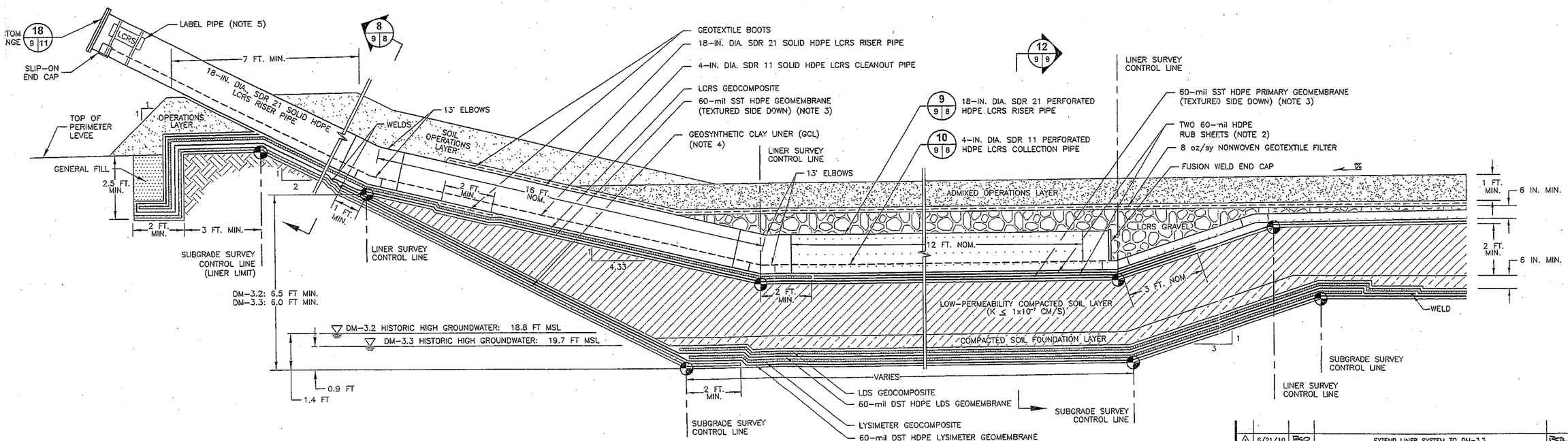
PROJECT NO.: 103-97128
PREPARED: JUNE 2010

10397128 FILE No. RHR DM32 D1 CADD JTK DATE 05/5/10




## LATERAL SUMP DETAIL

SCALE 2 0 2 FEET




## SUMP DETAIL AT LCRS RISER PIPE

SCALE 2 0 2 FEET

## LEGEND

| | |
|---|---|
| 1/2 | SLOPE INDICATOR |
| 2% | GRADE INDICATOR |
| | SURVEY CONTROL INDICATOR (NOTE 6) |
| DST | DOUBLE-SIDED TEXTURE |
| SST | SINGLE-SIDED TEXTURE |

8 / 3 6 — DETAIL/SECTION DESIGNATION; DRAWING WHERE SECTION/DETAIL IS LOCATED; DRAWING WHERE SECTION/DETAIL IS REFERENCED

## NOTES

1) GEOSYNTHETICS THICKNESS EXAGGERATED FOR CLARITY.

2) TWO 5 FT WIDE 60-MIL HDPE RUB SHEETS OR ONE 5 FT WIDE GEOCOMPOSITE RUB SHEET SHALL BE PLACED UNDER THE 18 IN. DIAMETER LCRS PIPE WHERE IT LAYS OVER THE FLOOR GEOMEMBRANE. OVERLAP RUB SHEETS WITH LCRS GEOCOMPOSITE.

3) AS AN ALTERNATIVE TO SINGLE-SIDED TEXTURE, THE PRIMARY GEOMEMBRANE MAY BE TEXTURED ON BOTH SIDES.

4) GCL SHALL INCLUDE A 30-MIL HDPE GEOMEMBRANE BACKING. GEOMEMBRANE BACKING SHALL BE PLACED WITH THE GEOMEMBRANE IN CONTACT WITH THE SUBGRADE.

5) ALL RISER PIPES SHALL BE LABELED AS LCRS, LDS, LYS (LYSIMETER), OR INJ (INJECTION) WITH A METAL SIGN BANDED TO PIPE AT TOP OF RISER TERMINATION. SUBMIT SIGN DESIGN TO OWNER FOR APPROVAL PRIOR TO INSTALLATION.

6) REFER TO DRAWINGS 3 AND 4 FOR CONTROL POINT INFORMATION.

REGISTERED PROFESSIONAL ENGINEER PETER E. BOWERS NO. C85436 EXP. 09/30/09 CIVIL STATE OF CALIFORNIA

| REV | DATE | DES | REVISION DESCRIPTION | CADD | CHK | RVW |
|---|---|---|---|---|---|---|
| 1 | 6/21/10 | PEB | EXTEND LINER SYSTEM TO DM-3.3 | JTK | KGH | RVW |

PROJECT

RECOLOGY HAY ROAD
DM-3.2 AND DM-3.3 LINER DESIGN
SOLANO COUNTY, CA

TITLE

# SUMP DETAILS

Golder Associates
Roseville, CA

| | | | | |
|---|---|---|---|---|
| PROJECT No. | | 103-97128 | FILE No. | RHR DM32 7-10 |
| DESIGN | PEB | 5/14/10 | SCALE AS SHOWN | REV. 1 |
| CADD | JTK | 5/14/10 | 9 | |
| CHECK | RVW | 5/14/10 | | |
| REVIEW | KGH | 5/14/10 | | |