

THE STUDY ON THE SOLID WASTE MANAGEMENT FOR THE KATHMANDU VALLEY

(Monitoring and Follow-up Phase)

FINAL REPORT

VOLUME IV: DRAWINGS

March 2007

NIPPON KOEI CO., LTD.

YACHIYO ENGINEERING CO., LTD.





No.



THE STUDY ON THE SOLID WASTE MANAGEMENT FOR THE KATHMANDU VALLEY

(Monitoring and Follow-up Phase)

FINAL REPORT

VOLUME IV: DRAWINGS

March 2007

NIPPON KOEI CO., LTD.

YACHIYO ENGINEERING CO., LTD.



LIST OF VOLUMES

Volume I	:	Executive Summary
Volume II	:	Main Report
Volume III	:	Supporting Report
Volume IV	:	Drawings

- Exchange Rate; Rs 1 =	USD 0.0148 USD 1	= JPY 1.776 = JPY 119.78
		As of March, 2007
- Fiscal Year; July 16th –	·	Ashadha (Nepalese)

Volume IV : Drawings

Table of Contents

- A Drawing of Banchare Danda Long-Term Landfill Site
- B Drawing of Balaju Transfer Station
- C Drawing of Afadole Transfer Station

Final Report

Drawings

Drawings A

Drawing of Banchare Danda Long-Term Landfill Site

DWG No	Drawing Title
1	List of Drawings
2	Project Location
3	Topography Map Plan
4	Cadastral Map
5	Borehole Location Map
6	Geological Plan
7	Geological Longitudinal Section
8	Geological Map Cross Section - 1
9	Geological Map Cross Section - 2
10	Layout Plan of Phase - 1
11	Layout Plan of Phase - 2
12	Layout Plan After Completion
13	Typical Section
14	Ground Improvement Plan
15	Ground Improvement Longitudinal Section
16	Ground Improvement Cross Section - 0 & 1
17	Ground Improvement Cross Section - 2 & 3
18	Ground Improvement Cross Section - 4 & 5
19	Ground Improvement Cross Section - 6 & 7
20	Ground Improvement Cross Section - 8 & 9
21	Ground Improvement Cross Section - 10 & 11
22	Ground Improvement Cross Section - 12 & 13
23	Ground Improvement Cross Section - 14 & 15
24	Ground Improvement Cross Section - 16 & 17
25	L-Section of Waste Storage Dam Axis
26	Cross-Section of Waste Storage Dam
27	Plan of Block Embankment
28	Cross-Section of Block Embankment
29	Plan of Saddle Dam
30	L-Section of Saddle Dam
31	Cross-Section of Saddle Dam
32	Liner System Facility Plan
33	Details of Liner System Facility Plan
34	Detail of Horizontal Liner at Waste Storage Dam
35	Leachate Collection Pipe and Gas Vent Facility Plan
36	Detail of Leachate Collection Pipe and Gas Vent Facility - 1
37	Detail of Leachate Collection Pipe and Gas Vent Facility - 2
38	Leachate Facility Plan of Ponds
39	Cross Section - No. 2

DWG No	Drawing Title
40	Cross Section - No.3
41	Plan of Ponds
42	Section A11 - A 11
43	Section A1 - A1
44	Section of A2 & A3
45	Section S11 - S11
46	Typical Section S1 & S2
47	Typical Section S3
48	Details of Aeration Pipe Plan
49	Blower House Detail
50	Road Facility Plan
51	Operation Road Longitudinal Section
52	Detail of Road Facility
53	Rainwater Drainage Plan
54	Detail of Rainwater Drainage
55	Administration Facilities Plan
56	Cross Section of Administrative Facilities
57	Administrative Building and Garage Plan
58	Administrative Building Elevation
59	Detail of Administrative Building
60	Garage Elevation
61	Weighbridge Detail
62	Detail of Vehicle Wash Pool
63	Detail of Guard House
64	Vertical Liner - 1 (Alternative)
65	Vertical Liner - 2 (Alternative)
66	Soil Cover
67	River Diversion Layout Plan
68	River Diversion Plan
69	River Diversion Upstream Part of Diversion Fall
70	River Diversion Downstream Part of Diversion Fall
71	River Diversion Section
72	River Diversion Section
73	River Diversion Cross-Section
74	River Diversion Cross-Section
75	River Diversion Cross-Section
76	River Diversion Cross-Section
77	River Diversion Cross-Section
78	River Diversion Cross-Section
79	Details of Fencing

Clean Kathmandu Valley Study

Banchare Danda Landfill Site

Japan International Cooperation Agency

Dwg.no. 01 List of Drawings



