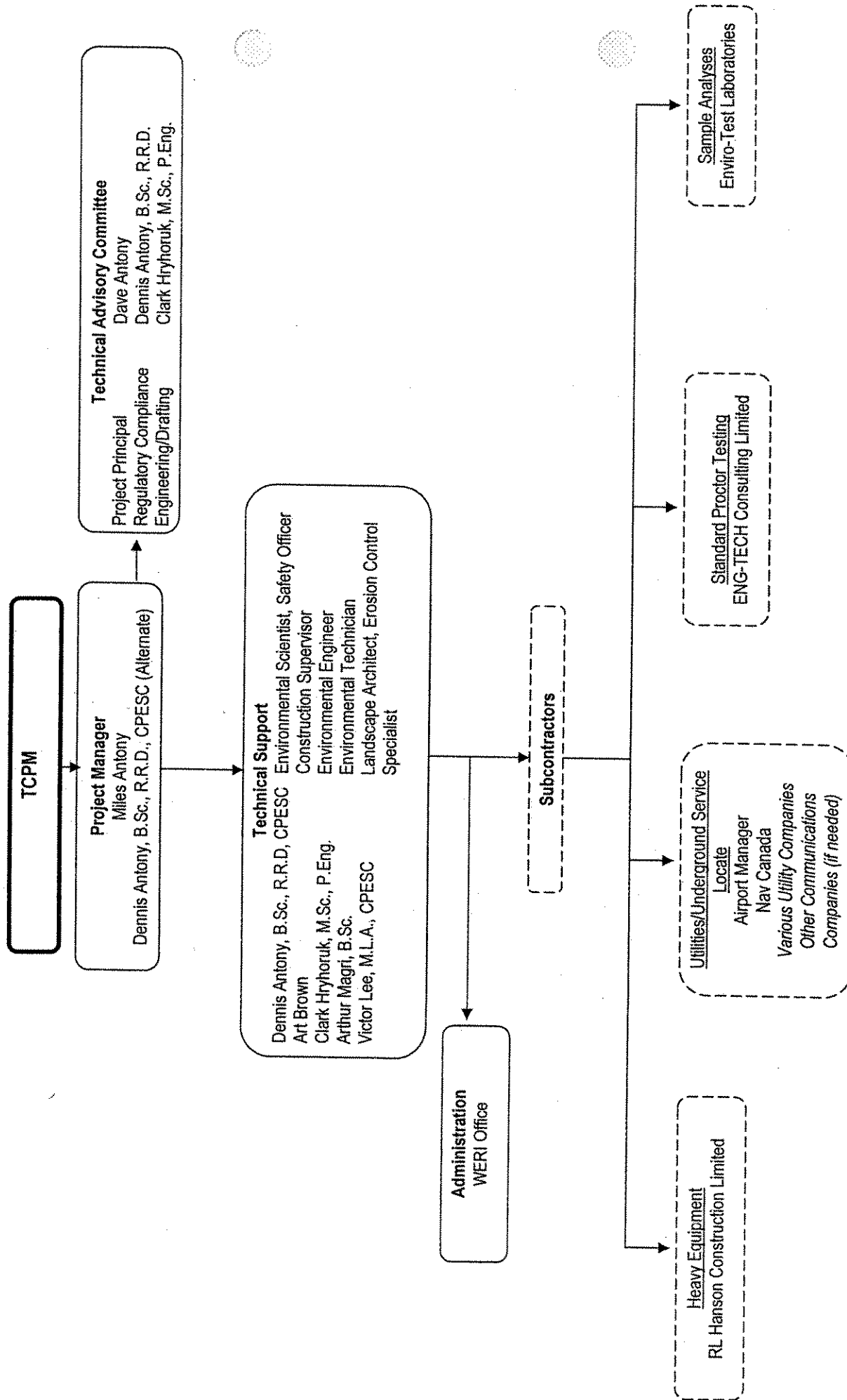


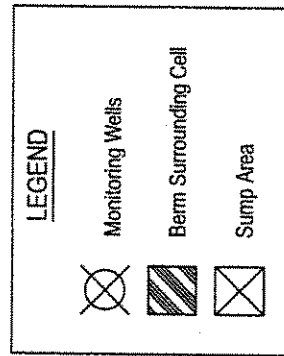
APPENDIX A

FIGURES.

Figure 1: Project Team Organization

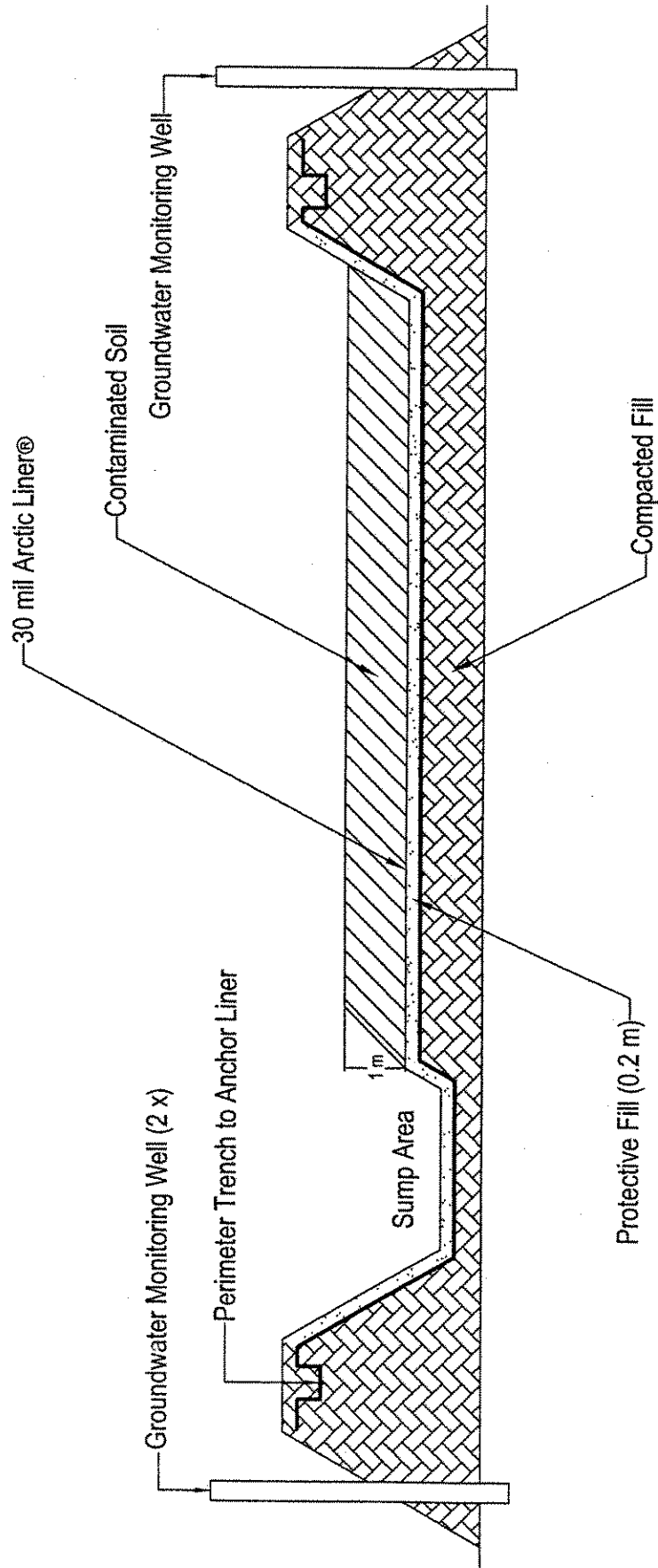


WERI

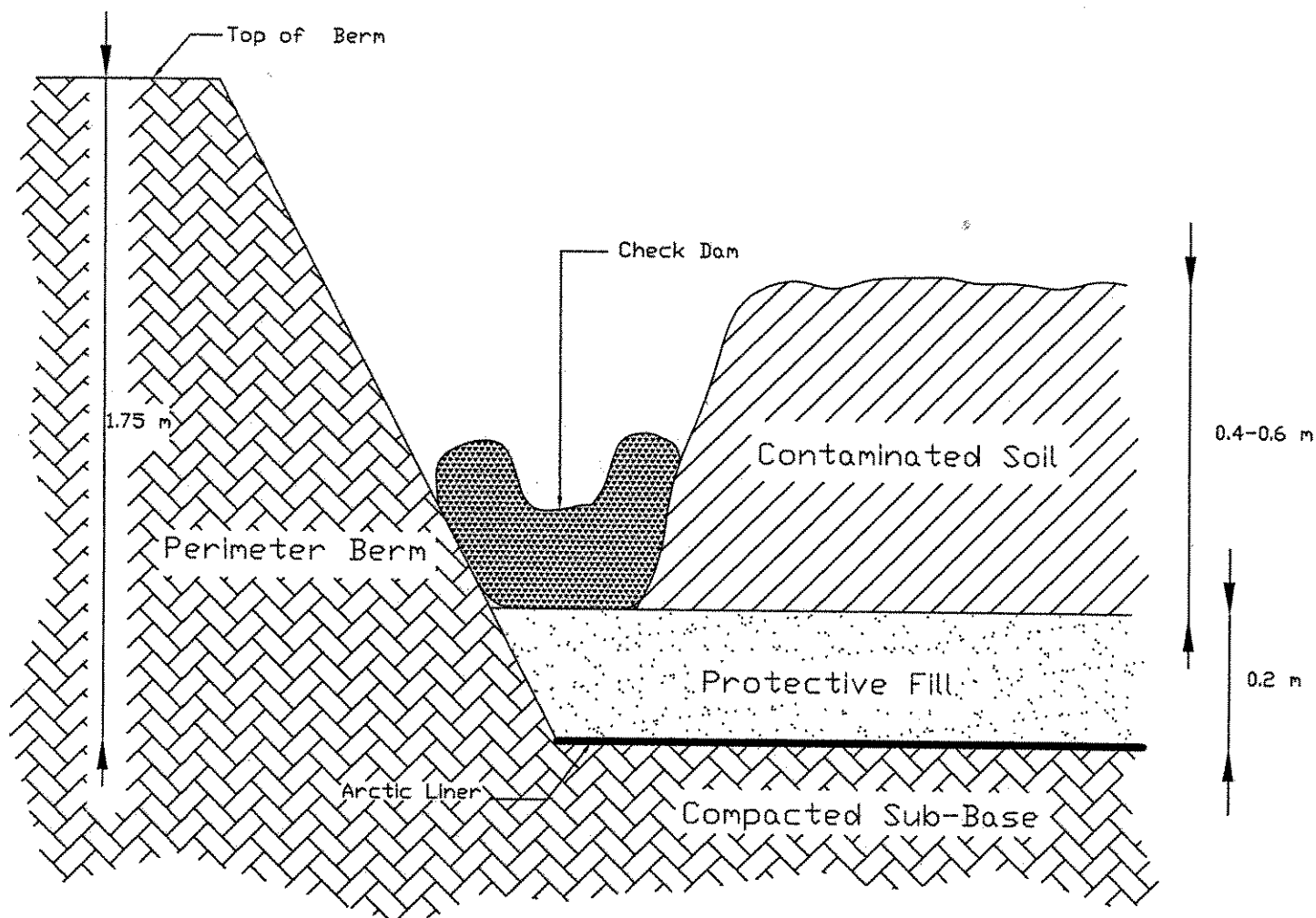


1. 1 m wide swale is left between the impacted soil and the berm.
2. Check dams are placed in swale along lengthwise berm to dissipate water flow energy. Check dams are composed of geotextile material, 150 mmØ and 1.5 m in length.
3. Pump areas in corners of sump area are 1 x 1 m in dimension. The pump area is excavated 1 m below sump grade.
4. The sump area will be designed to withstand a 1 in 10 year storm event.

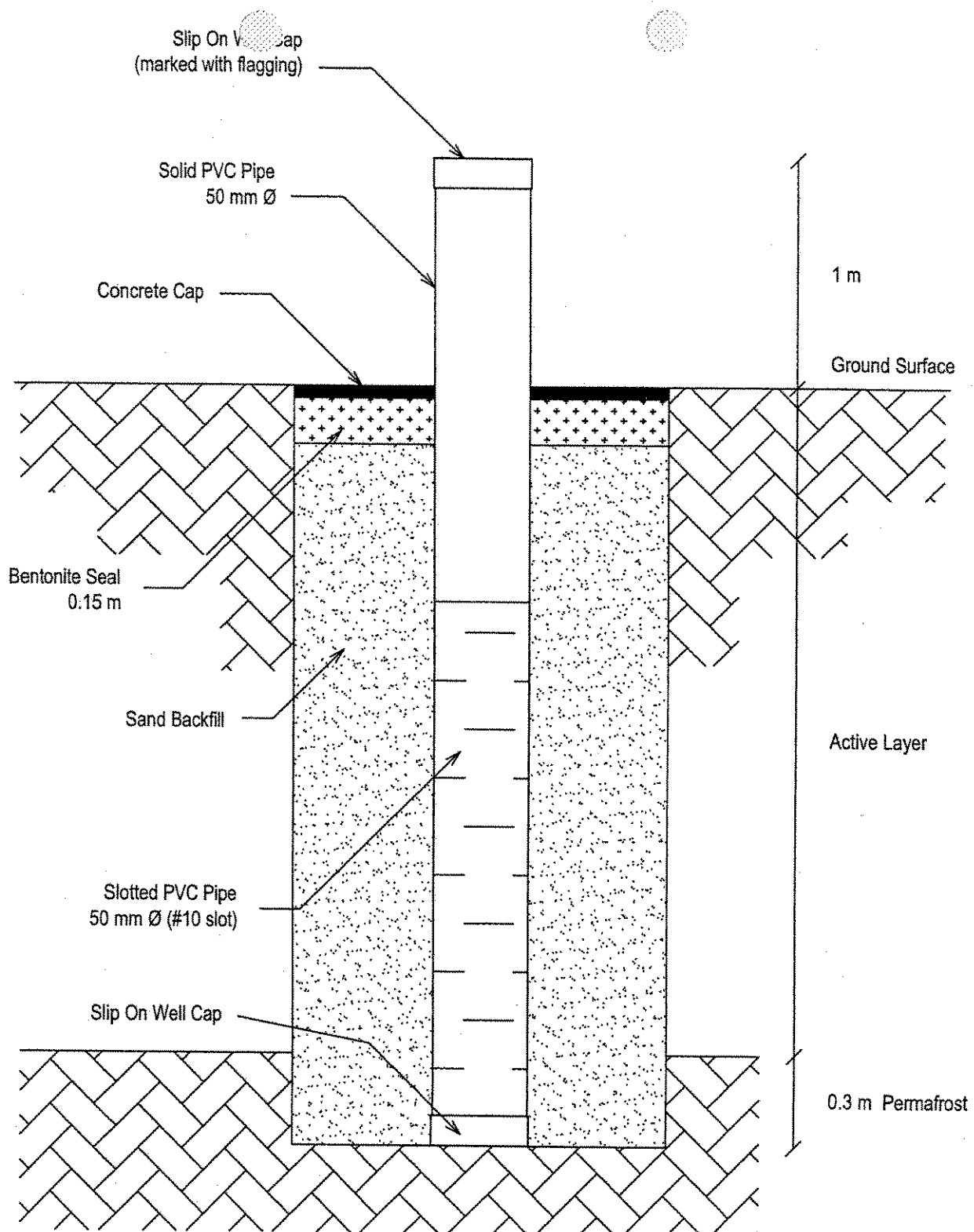
<u>WERI</u>	Client: Transport Canada		Iqaluit Airport Iqaluit, Nunavut LTU Design
	Scale: NTS	Units: Metres	
Drawn By: AM	Date: November 2004		Figure No.: 2



WERI	Client: Transport Canada	Iqaluit Airport Iqaluit, Nunavut Cross-Section of LTU	
Drawn By: AM	Scale: NTS	Units: As shown	Date: November 2004 Figure No.: 3

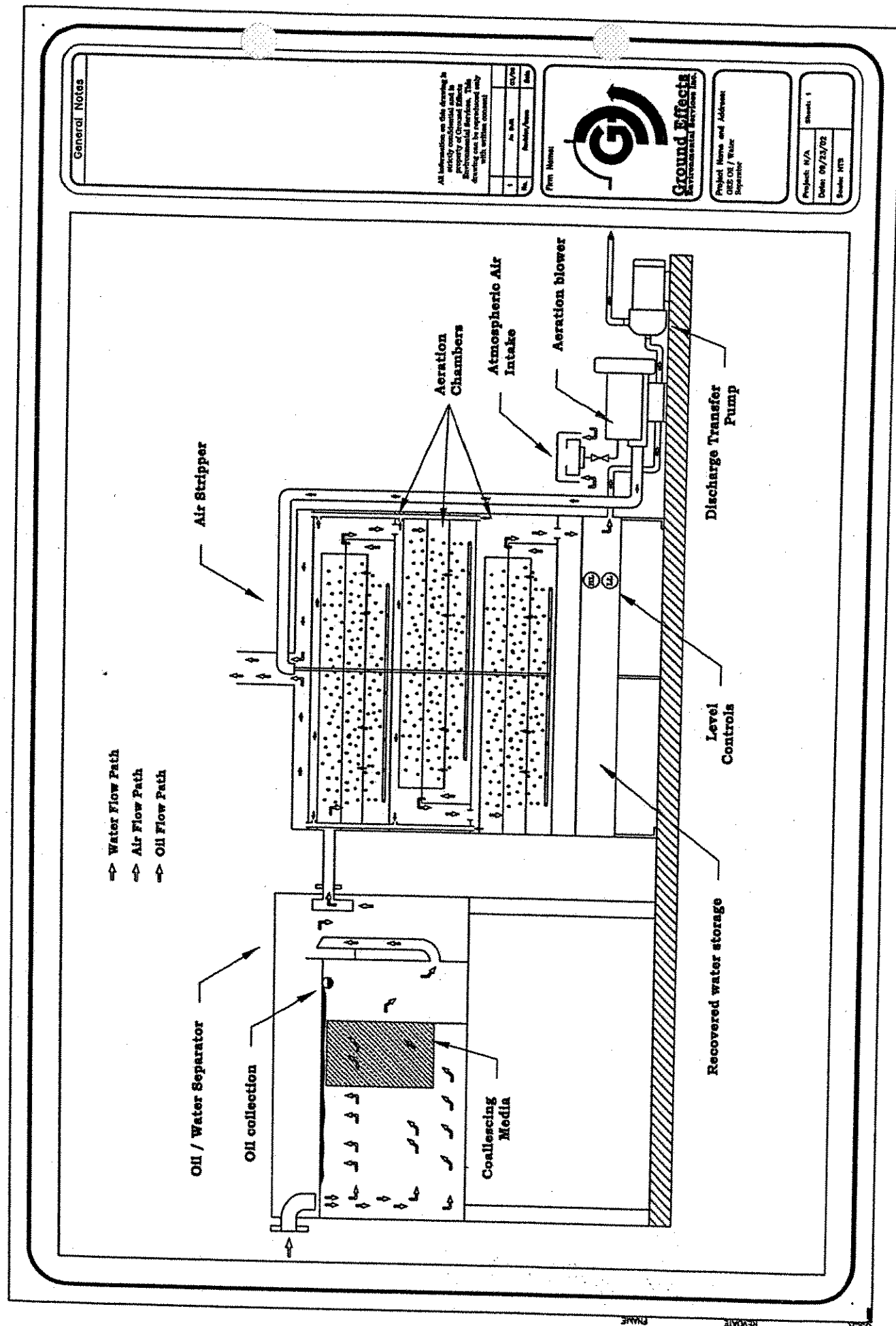


WERI	Client: Transport Canada	Iqaluit Airport Iqaluit, Nunavut Profile of Treatment Area and Sub-Base		
Drawn By: AM	Scale: NTS	Units: As shown	Date: November 2004	Figure No.: 4



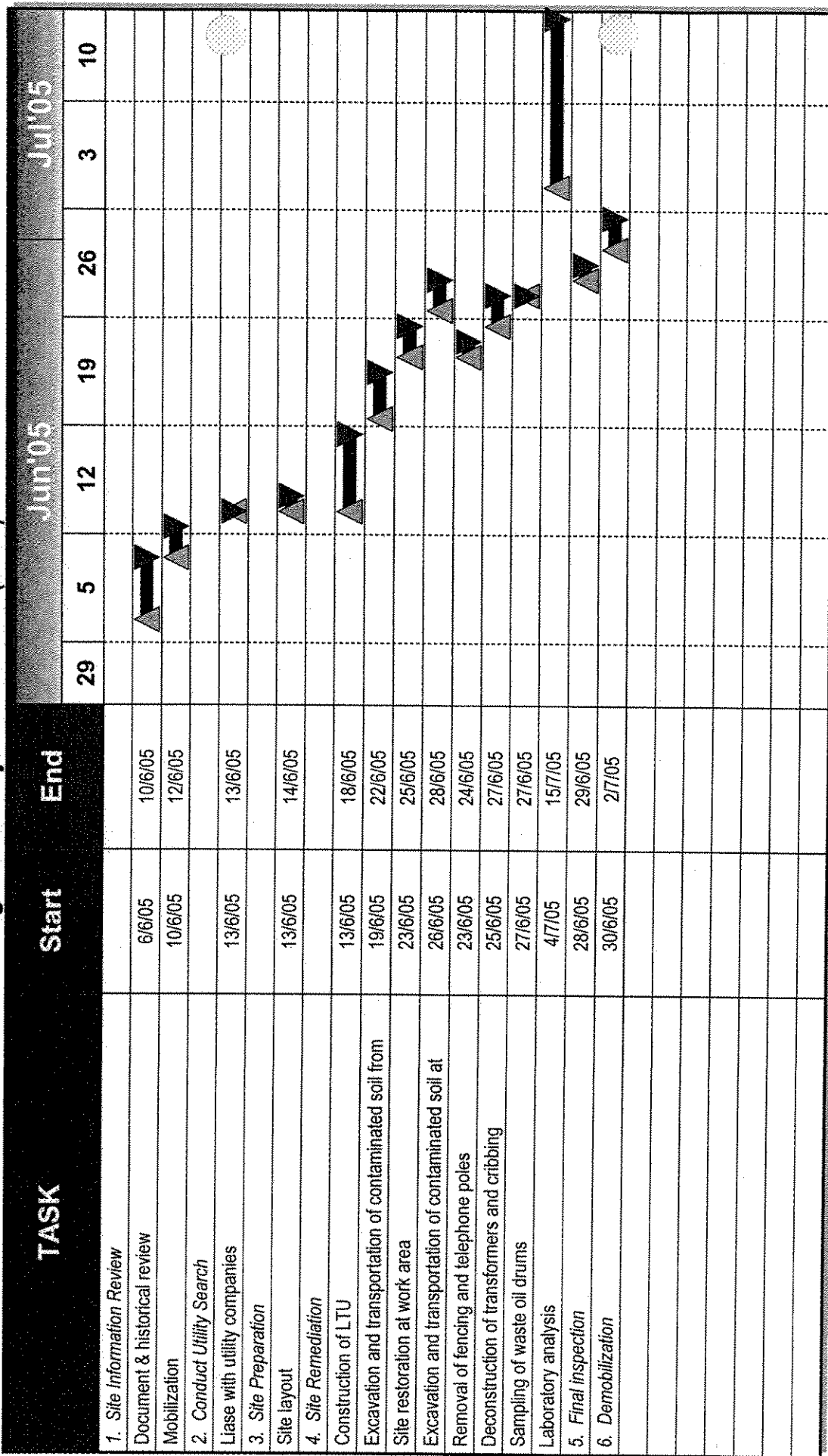
WERI	Client: Transport Canada		Iqaluit Airport Iqaluit, Nunavut Groundwater Monitoring Well Detail	
Drawn By: AM	Scale: NTS	Units: As shown	Date: November 2004	Figure No.: 5

Figure 6: Oil/Water Separator and Air Sparging System



Former Military Facility Clean Up

Figure 7: Project Schedule (2005)



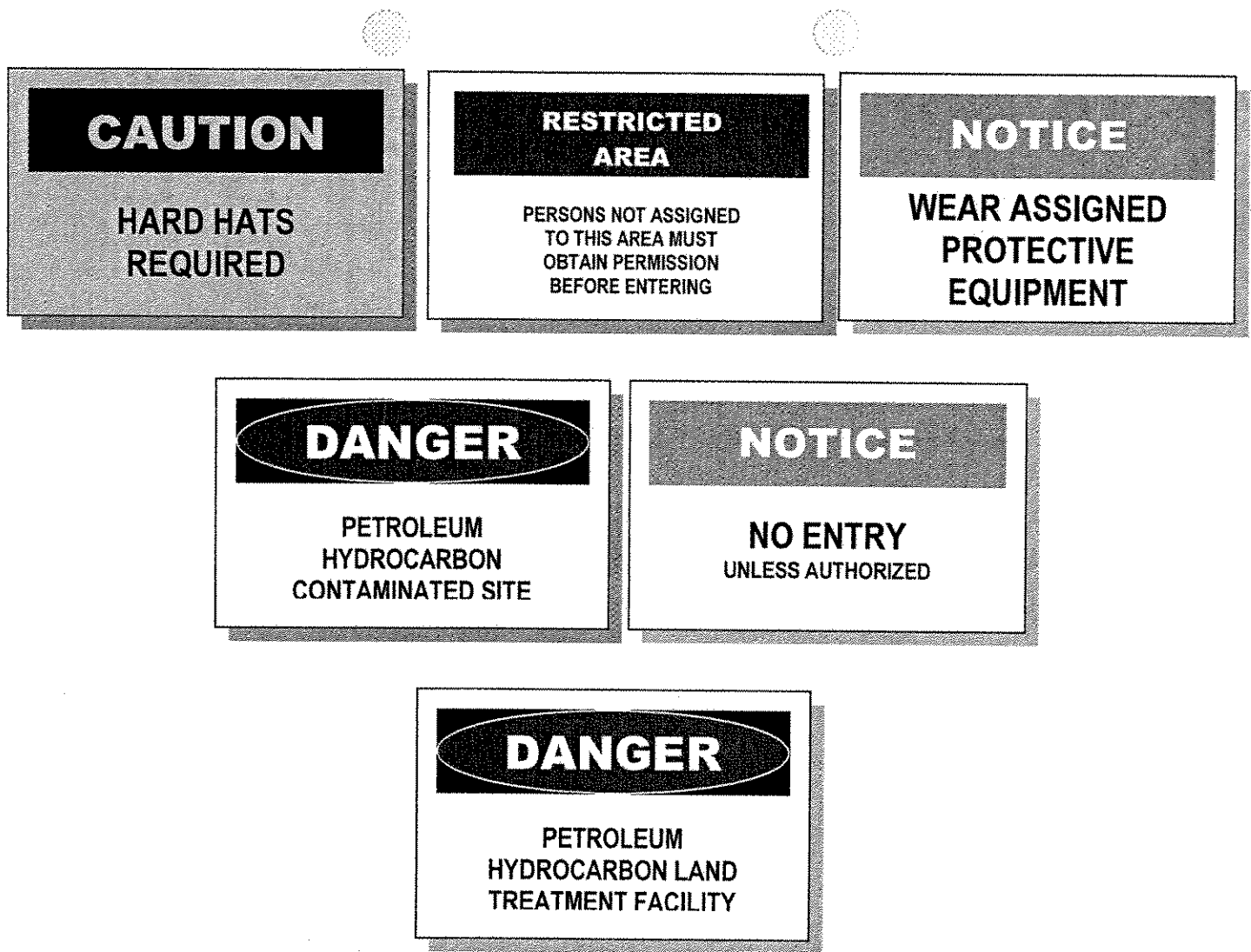


Figure 8: Warning signs to be posted during remedial activities.

APPENDIX - B.

GEOMEMBRANE TEST FORMS



CERTIFICATE OF FINAL INSPECTION AND ACCEPTANCE

PROJECT NAME: _____
PROJECT NUMBER: _____ DATE: _____
OWNER: _____
LOCATION: _____

Scope of Installation(s): **THE WORK**

Part 1 – LAYFIELD ENVIRONMENTAL SYSTEMS LTD.

I, _____, a duly appointed representative of Layfield Environmental Systems Ltd. (LESL), have visually observed the installations (as outlined above), and have found the Work to be complete and free of defects and declare that the Work was completed in accordance with the project specifications, Layfield Environmental Systems' QC program and the terms and conditions of the contract.

Layfield Environmental Systems Representative:

Name: _____
Title: _____
Date: _____ Signature: _____

Part 2 – OWNER (or Representative)

I, _____, a duly appointed representative of _____, do hereby take over and accept the installation(s) described above, and confirm that the work has been completed in accordance with the project specifications and the terms of the conditions of the contract.

I have evaluated and measured the work together with the Layfield Environmental Systems representative, and agree that the measurements shown are both true and correct, and that the installation has met our approval.

Owners Representative:

Name: _____
Title: _____
Company: _____
Date: _____ Signature: _____

Comments: _____



CERTIFICATE OF ACCEPTANCE OF SOIL SUBGRADE SURFACE

PROJECT NAME: _____
PROJECT NUMBER: _____
OWNER: _____
LOCATION: _____

I, the undersigned, a duly appointed representative of Layfield Environmental Systems Ltd. (LESL), have visually observed the soil subgrade described below, and found it to be an acceptable surface on which to install geomembrane.

This certification is based on observations of the surface of the subgrade only. No subterranean inspections or tests have been performed by Layfield Environmental Systems, and LESL makes no representations or warranties regarding conditions which may exist below the surface of the subgrade. Layfield Environmental Systems accepts no responsibility for conformance of the subgrade to this project's specifications.

The soil subgrade accepted on this date refers to its present condition. Any changes in the subgrade condition that result from the effects of inclement weather and/or other forces beyond the control of Layfield Environmental Systems and remedial work to correct the resulting deficiencies, will be the direct responsibility of the General Contractor.

Area Being Accepted: _____

LAYFIELD ENVIRONMENTAL SYSTEMS REPRESENTATIVE:

Date: _____
Signature: _____
Name: _____
Title: _____

OWNERS REPRESENTATIVE:

Date: _____
Signature: _____
Name: _____
Title: _____
Company: _____



LAYFIELD ENVIRONMENTAL SYSTEMS



LAYFIELD

PROJECT NUMBER:

OWNER:

LOCATION:

TE - # F1510N

TX-# = EXTRUSION

TS-# = SOLVENT

[illegible]

SUBMITTED BY: _____
DATE: _____

Layfield Environmental Systems

LS FORM 3



GEOMEMBRANE SEAM LOG

PROJECT NUMBER: _____ PROJECT TITLE: _____

OWNER: _____

CONTACTOR: _____

LOCATION: _____

PASSING TRIAL SEAMS

	NO.	TIME	TECH ID
FUSION			
EXTRUSION			
SOLVENT			

SHEET NUMBER: _____

DATE: _____

[illegible]

DAILY TOTAL

* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR, OR A POINT LOCATION ON THE SEAM.

SUBMITTED BY: _____

DATE: _____

LS FORM 4

LAYFIELD ENVIRONMENTAL SYSTEMS



VACUUM BOX _____

AIR LANCE _____

SHEET NUMBER: _____

[illegible]

LS FORM 6

LAYFIELD ENVIRONMENTAL SYSTEMS

SUBMITTED BY: _____

DATE: _____



DATE: _____
SHEET NUMBER: _____

* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR NUMBER, OR A POINT ON THE SEAM.
 ** RECORD ANY QUANTITY OF LEAKS DETECTED AND REFERENCE NEW DEFECT CODE IN REMARKS.

LAYFIELD ENVIRONMENTAL SYSTEMS



PROJECT NUMBER: _____

OWNER: _____

LOCATION: _____

PROJECT TITLE: _____

CONTRACTOR: _____

SHEET NUMBER: _____

[illegible][illegible]

REPAIR TYPE	4B - ANIMAL RELATED DAMAGE	4C - PARTNERSHIP EQUIPMENT DAMAGE	4D - PRESSURE TEST CUT
5 - UNDETERMINED HORN HEAD	EXT - EXTENSION	51 - SOIL SURFACE RECTIFICATION	
60 - ELKSON WILDER, BURN	FM - FRESHMOUTH	52 - SLAG ON TEXTURED SHEET	
61 - ROOTS/SHIRT FROM FHL PENETRATION	FS - FAILED SEAM LENGTH	T - THESE PANEL INTERSECTION	
62 - CHANGE OF OVERLAP	FTS - FIELD TEST STUP	VL - VACUUM TEST LEAK	
63 - CRACK	HT - HEAT TACK BURN	WR - WRINKLE	
64 - INSTALLATION DAMAGE	IO - INSUFFICIENT OVERLAP (QUICKER SPEC.)	WS - WELDED TEST PART	
65 - DESTRUCTIVE TEST NUMBER	MD - MANUFACTURE/DELIVERY DAMAGE	OTHER	
REPAIR TYPE: P - PATCH, C - CAP, RS - RECONSTRUCTED SEAM, GRW - GROUNDWELD			

SUBMITTED BY: _____
DATE: _____

*** COLUMNS TO BE USED BY THE PROJECT SUPERVISOR OR LEAD TECHNICIAN ONLY.
LPT FORM 7
LAYFIELD ENVIRONMENTAL SYSTEMS



LAYFIELD

PROJECT NUMBER: _____

OWNER: _____

LOCATION: _____

DESTRUCTIVE TEST NUMBER*: _____

SEAM NUMBER: _____

SAMPLE LOCATION: _____

DATE SEAMED / SAMPLED: _____

"TYPE OF SEAM:"_____

PROJECT TITLE:

CONTRACTOR: _____

SHEET NUMBER: _____

TEST DATE: _____

ARCHIVE LPL OWNER ENGINEER

3RD PARTY YES NO WHO?

DATE FORWARDED TO LAB _____

DATE LAB TEST RESULTS REC'D _____

FIELD TEST RESULTS (units = lbf./in. width = ppi)

SHEAR STRENGTH			PEEL ADHESION					
SPECIMEN NUMBER	SEAM STRENGTH	** LOCUS OF BREAK CODE	SPECIMEN NUMBER	INSIDE SEAM		OUTSIDE SEAM		** LOCUS OF BREAK CODE
				ADHESION STRENGTH	LOCUS OF BREAK CODE	ADHESION STRENGTH		
1			2					
3			4					
5			6					
7			8					
9			10					
11			12					

TEST	DATE	TIME	STATUS
1	10/10/2023	10:00	FAIL
2	10/10/2023	10:05	FAIL
3	10/10/2023	10:10	FAIL
4	10/10/2023	10:15	FAIL
5	10/10/2023	10:20	FAIL
6	10/10/2023	10:25	FAIL
7	10/10/2023	10:30	FAIL
8	10/10/2023	10:35	FAIL
9	10/10/2023	10:40	FAIL
10	10/10/2023	10:45	FAIL
11	10/10/2023	10:50	FAIL
12	10/10/2023	10:55	FAIL
13	10/10/2023	11:00	FAIL
14	10/10/2023	11:05	FAIL
15	10/10/2023	11:10	FAIL
16	10/10/2023	11:15	FAIL
17	10/10/2023	11:20	FAIL
18	10/10/2023	11:25	FAIL
19	10/10/2023	11:30	FAIL
20	10/10/2023	11:35	FAIL
21	10/10/2023	11:40	FAIL
22	10/10/2023	11:45	FAIL
23	10/10/2023	11:50	FAIL
24	10/10/2023	11:55	FAIL
25	10/10/2023	12:00	FAIL
26	10/10/2023	12:05	FAIL
27	10/10/2023	12:10	FAIL
28	10/10/2023	12:15	FAIL
29	10/10/2023	12:20	FAIL
30	10/10/2023	12:25	FAIL
31	10/10/2023	12:30	FAIL
32	10/10/2023	12:35	FAIL
33	10/10/2023	12:40	FAIL
34	10/10/2023	12:45	FAIL
35	10/10/2023	12:50	FAIL
36	10/10/2023	12:55	FAIL
37	10/10/2023	13:00	FAIL
38	10/10/2023	13:05	FAIL
39	10/10/2023	13:10	FAIL
40	10/10/2023	13:15	FAIL
41	10/10/2023	13:20	FAIL
42	10/10/2023	13:25	FAIL
43	10/10/2023	13:30	FAIL
44	10/10/2023	13:35	FAIL
45	10/10/2023	13:40	FAIL
46	10/10/2023	13:45	FAIL
47	10/10/2023	13:50	FAIL
48	10/10/2023	13:55	FAIL
49	10/10/2023	14:00	FAIL
50	10/10/2023	14:05	FAIL
51	10/10/2023	14:10	FAIL
52	10/10/2023	14:15	FAIL
53	10/10/2023	14:20	FAIL
54	10/10/2023	14:25	FAIL
55	10/10/2023	14:30	FAIL
56	10/10/2023	14:35	FAIL
57	10/10/2023	14:40	FAIL
58	10/10/2023	14:45	FAIL
59	10/10/2023	14:50	FAIL
60	10/10/2023	14:55	FAIL
61	10/10/2023	15:00	FAIL
62	10/10/2023	15:05	FAIL
63	10/10/2023	15:10	FAIL
64	10/10/2023	15:15	FAIL
65	10/10/2023	15:20	FAIL
66	10/10/2023	15:25	FAIL
67	10/10/2023	15:30	FAIL
68	10/10/2023	15:35	FAIL
69	10/10/2023	15:40	FAIL
70	10/10/2023	15:45	FAIL
71	10/10/2023	15:50	FAIL
72	10/10/2023	15:55	FAIL
73	10/10/2023	16:00	FAIL
74	10/10/2023	16:05	FAIL
75	10/10/2023	16:10	FAIL
76	10/10/2023	16:15	FAIL
77	10/10/2023	16:20	FAIL
78	10/10/2023	16:25	FAIL
79	10/10/2023	16:30	FAIL
80	10/10/2023	16:35	FAIL
81	10/10/2023	16:40	FAIL
82	10/10/2023	16:45	FAIL
83	10/10/2023	16:50	

3RD PARTY / LAB:	PASS
	FAIL

CHECKED BY: _____

DATE: _____

LAYFIELD ENVIRONMENTAL SYSTEMS