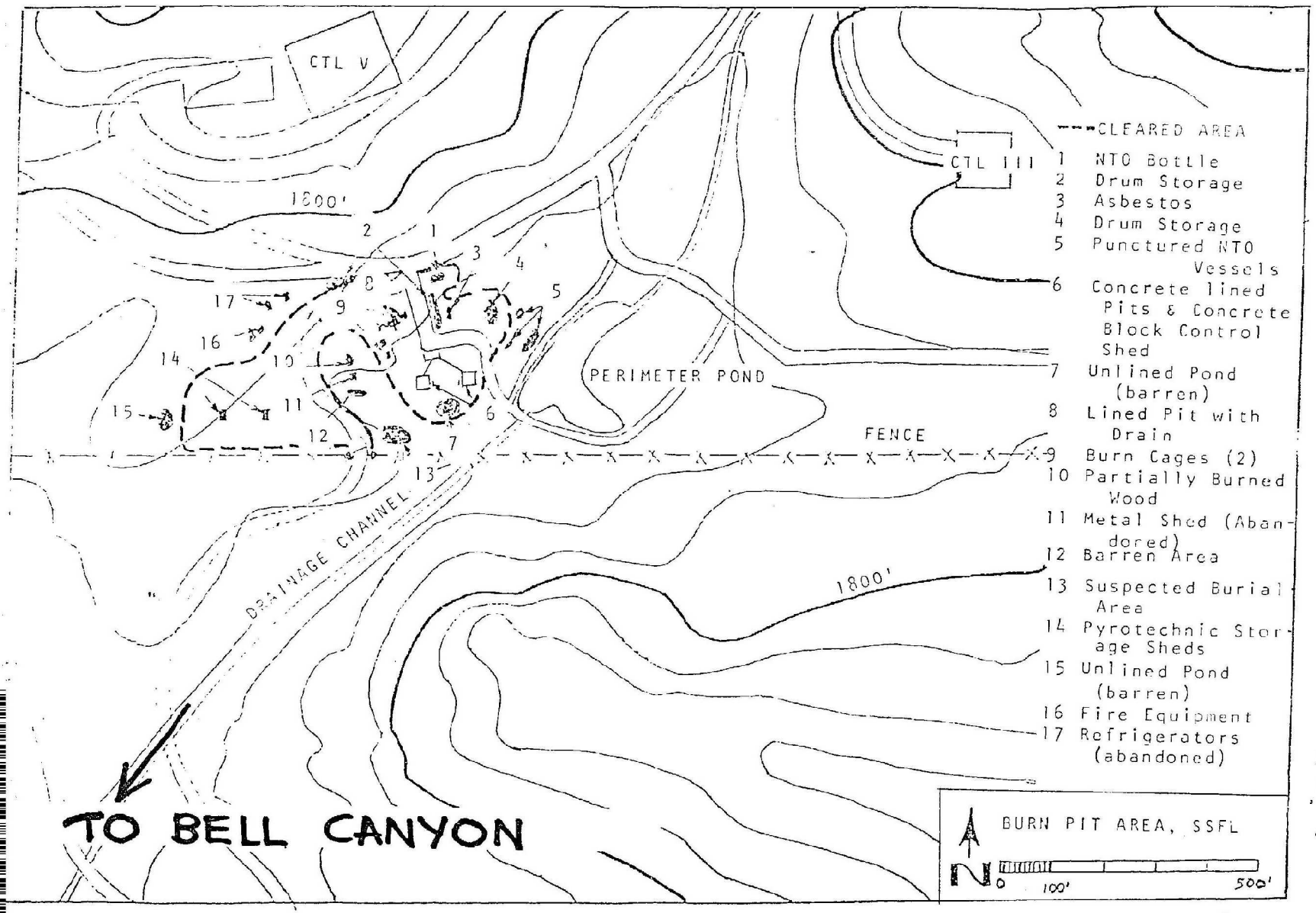
THE LEACHABLE LEGACY
SSFL BURNPIT

N. S. FUJIKAWA
31 JULY 1980

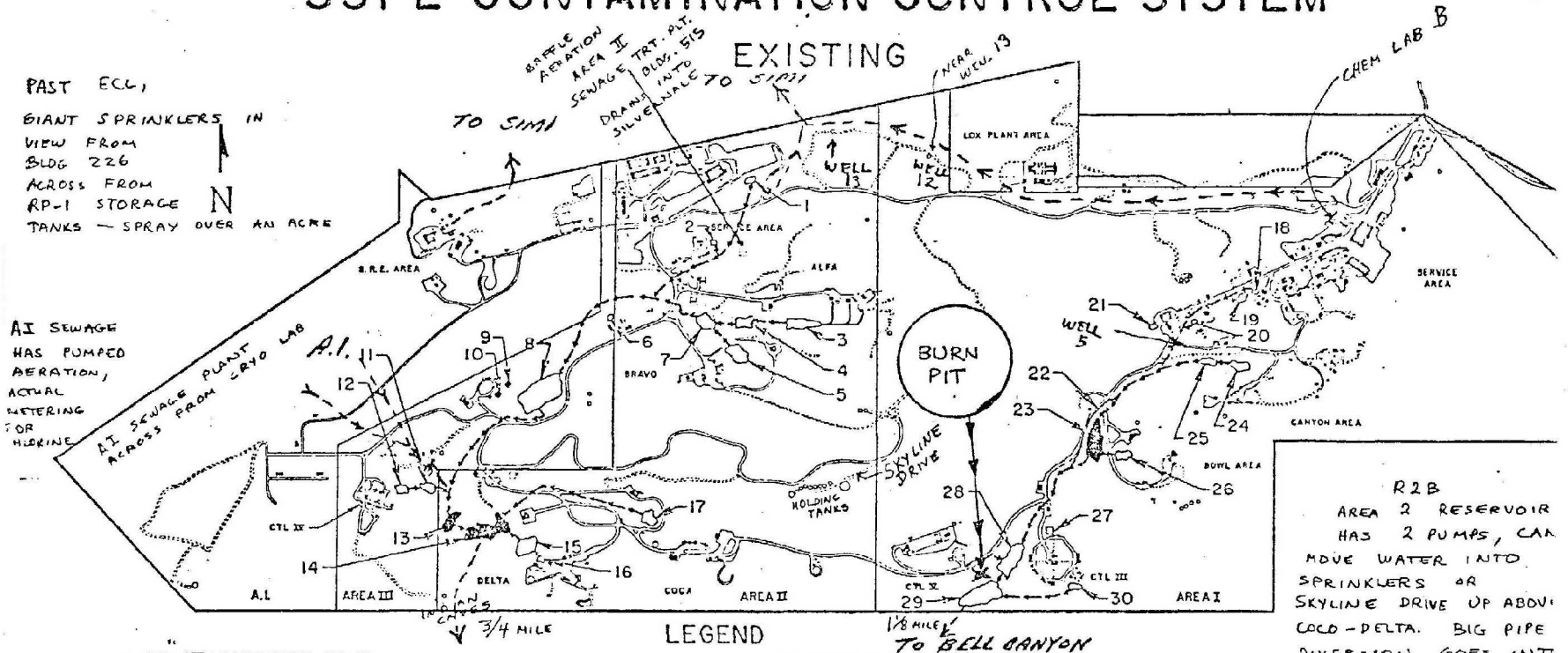
SSFL BURNPIT DESCRIPTION

- 3-5 ACRES OF GROUND BETWEEN CTL III AND CTL V, ADJACENT TO DRAINAGE CHANNEL TO BELL CANYON ESTATES
- USE DATES FROM 1961
- OVER 500,000 GALLONS OF HAZARDOUS WASTES "DISPOSED OF" THERE



SILVERNALE IS THE LARGE POND BEHIND 5TH
ECL DOES NOT DRAIN INTO SILVERNALE — ECL JOINS SILVERNALE EXIT WATER
FROM A PIPE THAT FLOWS INTO CONCRETE DRAIN JUST BEFORE ENTRANCE ROAD.

SSFL CONTAMINATION CONTROL SYSTEM



PAST ECL;
GIANT SPRINKLERS IN VIEW FROM BLDG 226 ACROSS FROM RP-1 STORAGE TANKS — SPRAY OVER AN ACRE

N

A.I. SEWAGE HAS PUMPED AERATION; ACTUAL METERING FOR HEADLINE

A.I. SEWAGE PLANT ACROSS FROM CRYO LAB

LEGEND

1. CTL II RETENTION POND
2. FLOWMETER CATCH POND
3. ALFA RETENTION POND
4. ALFA SKIM POND
5. BRAVO SKIM POND
6. STORABLE PROPELLANT SKIM POND — CATCH POND BEHIND HERE OPEN AREA
7. ALFA/BRAVE SKIM POND
8. SILVERNALE RESERVOIR
9. * LANCE SERVICE AREA POND #1 = GUNNITED ECL POND W/ POLYETHYLENE LINING
10. * LANCE SERVICE AREA POND #2 — ECL DIRT POND USED AS BACK-UP; ALSO GETS WELL WATER
11. CTL III RETENTION POND #1
12. CTL III RETENTION POND #2
13. * AREA II RESERVOIR (R2-A) — ALL WEEDY
14. * AREA II RESERVOIR (R2-B) — REAL POND — ROCK SIDES
15. DELTA SKIM POND
16. DELTA 3-C SKIM POND
17. COCA POND
18. PROPULSION RESEARCH AREA RETENTION POND #1
19. PROPULSION RESEARCH AREA RETENTION POND #2
20. COMPONENTS HEAT TRANSFER LABORATORY POND
21. CTL I RETENTION POND
22. AREA I RESERVOIR STORM BY-PASS
23. * AREA I RESERVOIR
24. CANYON SKIM POND
25. CANYON RETENTION POND
26. BOWL SKIM POND
27. CTL III SKIM POND
28. PROPERTY LINE POND
29. PERIMETER LINE POND
30. CTL III SKIM POND
31. CRYO LAB

CHEM LAB:
* = WATCH THESE CAREFULLY

R2B AREA 2 RESERVOIR HAS 2 PUMPS, CAN MOVE WATER INTO SPRINKLERS OR SKYLINE DRIVE UP ABOVE COCA-DELTA. BIG PIPE DIVERSION GOES INTO BELL CANYON. BIG CONCRETE CONDUIT GOES INTO BELL CANYON.

RECYCLE SYSTEM PUMPS FROM AREA II (UPHILL) TO BIG TANKS ON SKYLINE DRIVE WHERE IT GRAVITY FEEDS DOWN TO ANYONE WHO NEEDS IT.

2/7/80/73

Internal Letter

Rockwell International

DATE: · 7 July 1980

AUTH. NO.: · 80FE-257

TO: · J. H. Lieb
· Rocketdyne-Canoga
· 539, 055-AC10

FROM: · A. R. Bjorklund
· Rocketdyne-Canoga
· 540, 055-BA65

SUBJECT: · Analytical Chemistry Lab Support

The Environmental Protection Agency has recently published hazardous waste management regulations. These regulations specify "Extraction Procedures" which are applicable to our efforts to identify and evaluate the scope of the problem presented by the burn-pit area at SSFL. It is in Rocketdyne's best interest that this problem be resolved as soon as possible. Therefore, it is requested that a budget of 40 hours be provided to the analytical chemistry lab to determine minor equipment requirements for performing the extraction procedure. It is necessary to make these determinations as soon as possible so that these equipment items can be available when the lab is ready to analyze the burn pit samples at the start of the next fiscal year.

Although the immediate need is 40 hours, the longer term requirements of performing the analytical tasks will be rather extensive and should be recognized in preparing next year's burden budget.

A. R. Bjorklund
Director
Facilities & Industrial Engineering

IDENTIFICATION OF HAZARDOUS WASTE
EPA REG. 40-261

- IGNITABLE
- CORROSIVE
- REACTIVE
- EXTRACTION PROCEDURE TOXIC
- ACUTE HAZARDOUS
- TOXIC

ANALYTICAL CHEMISTRY SUPPORT

- MINIMUM OF 450 HOURS AND $5,000 SAMPLING EQUIPMENT FIRST-PASS PROFILE
- SUBMIT RECOMMENDATIONS FOR ACTION BASED ON FINDINGS
  - ROCKETDYNE MAY HAVE TO EXCAVATE
  - ROCKETDYNE MAY REQUEST "GRID" SAMPLING TO PREVENT "LOVE CANAL" CHARGES