

300.15.063

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OCT 14 1986

DEPT. OF ENVIRONMENTAL
CONSERVATION
NRO

FELEC Services, Inc.

4060 East Bijou Street
P.O. Box 15012
Colorado Springs, Colorado 80935-5012
Telephone: (303) 574-5850 Telex: 452447
anc/0723c/DE-1C/31

8 October 1986

ITT

State of Alaska
Department of Environmental Conservation
Northern Regional Office
P.O. Box 1601
Fairbanks, Alaska 99707-1601

Attention: Mr. Richard Cormack
Environmental Field Officer

Reference: Your letter dated 29 August 1986

Dear Mr. Cormack:

Enclosed please find the result of the latest chromium analysis done on a surface water sample taken from the CIRI (POW-1) landfill. This analysis, and another on a sample to be taken after the 1987 thaw, were directed by you in the referenced letter.

As you can see, the chromium level of the water dropped from .52 mg/l to .21 mg/l during the period from 31 July 1986 to 2 September 1986. It would appear that the chromium is rapidly dissipating. We have already contracted with Northern Testing Laboratory for the 1987 summer sample and will send you a copy of the analysis as soon as it becomes available.

If you have any questions concerning this subject, please call either myself at 574-5850, extension 462 or Jim Goodwin at extension 472.

Very truly yours,

ITT/FELEC SERVICES, INC.



Vernon D. Finch, P.E.
Manager, Engineering Department

cf: DS/DE
ATTN: Major Worrall



NORTHERN TESTING LABORATORIES, INC.

600 UNIVERSITY PLAZA WEST, SUITE A
6957 OLD SEWARD HWY., SUITE 101

FAIRBANKS, ALASKA 99709
ANCHORAGE, ALASKA 99518

907-479-3115
907-349-8823

Client: FSI / POW-1
Address: P.O. Box 487
Fairbanks, Alaska 99701

Date Arrived : 09-03-86
Time Arrived : 0830
Date Sampled : 09-02-86
Time Sampled : ----
Date Completed: 09-17-86

Source: Waste Pit

Parameter	Unit	Result	Standard
Chromium	mg/l	0.21	0.00

Quality Control Report

Listed below are quality control assurance reference samples with a known concentration prior to analysis. The acceptable limits represent a 95% confidence interval established by the Environmental Protection Agency or by our laboratory through repetitive analyses of the reference sample. The reference samples indicated below were analyzed at the same time as your sample, ensuring the accuracy of your results.

Sample #	Parameter	Unit	Result	Acceptable Limit
284-2	Chromium	mg/l	0.25	0.21 - 0.31

Reported By: Kathleen Siftar, Acting Chemistry Supervisor

Date:



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Telephone: (303) 574-5850 Telex: 452447

cja/DE-1/0723/29

7 October 1986

State of Alaska
Department of Environmental Conservation
Northern Regional Office, North Slope District
P.O. Box 1601
Fairbanks, Alaska 99701-1601

Attention: Mr. Richard Cormack
Environmental Field Officer

Dear Mr. Cormack:

We should soon receive final approval for the proposed POW-1 landfill. At that time we will immediately begin its construction. Concurrently, we wish to complete the gravel work required for closure of the CIRI facility that POW-1 has been using. Since landfill closures require ADEC approval, we request that you review the close-out plan described in this letter and provide your approval or recommendations as soon as possible.

The CIRI landfill and surrounding area has already been cleaned up. All metal objects greater than 2 in X 4 in X 24 in were removed and stock piled at the site retrograde pad. These will eventually be removed from the site under our ongoing Environmental Clean Up Program. All other debris was disposed of in the landfill. Any debris that could be burned without producing black smoke or toxic vapors was burned in a contained fire prior to deposition.

A final cover of gravel, at least two feet thick, was placed and compacted over the entire area. The surface was then graded to facilitate drainage.

One 20 foot by 20 foot cell was constructed and is the only active part of the landfill at this time. This cell is the interim disposal area, and will be used until the POW-1 landfill opens. Once the POW-1 landfill is operational, which we estimate will be no later than 30 October 1986, the interim cell will be covered with two feet of gravel, compacted, and then graded.

Not later than 30 July 1987, the CIRI facility will be fertilized and seeded. The fertilizer will be a 20:20:10 mixture spread at the rate of 450 pounds per acre. A seed mixture of 70% tundra bluegrass and 30% arctired fescue will be spread over the surface at the rate of 40 pounds per acre. Watering should not be necessary, but if the surface appears to be dry, a tank truck with a spreader bar will be used to apply water.

The surface condition of the landfill will be checked by the Station Supervisor after spring melt: washouts and unvegetated areas will be repaired as required. The condition of the landfill will also be inspected by the Facility Engineer on each of his site visits.

Very truly yours,

ITT/FELEC SERVICES, INC.



Vernon D. Finch, P.E.
Manager, Engineering Department

cf: DSO/DE
ATTN: Major Worrall