

**ST. PAUL RESTORATION ADVISORY BOARD MEETING
DRAFT MINUTES
MAY 11, 2000
ST. PAUL, ALASKA**

The St. Paul Restoration Advisory Board (RAB) met on Thursday, May 11, in St. Paul, Alaska. The meeting was called to order by Community Co-Chair Victor Mercurief.

Attendance

The following members were present:

Aquilina Bourdukofsky, St. Paul At-Large
Jason Bourdukofsky, St. Paul At-Large
Louis Howard, ADEC
Victor Mercurief, Co-Chair, TDX Corp.
Anthony Philemonoff, TDX Corp.
Ron Philemonoff, TDX Corp.
Anthony Pierpoint, Co-Chair, NOAA

Other guests present:

David Ausman, PCA
Tara Bourdukofsky, CBSFC
Wilford Burson, NOAA
Dennis Hall, NOAA
Charles Hostetler, CESI
Mark Howard, USCG
Louis Jones, City of St. Paul
John Lindsay, NOAA
Andrey Mandregan, City of St. Paul
Clark Milne, Nortech
Laura Ogar, ADEC
Julianna Shane, BSE
Simeon Swetzof, Jr., City of St. Paul
Phil Zavadil, Tribal Government

AGENDA

Introductions, Public Comments, and Approval of Meeting Minutes

A copy of the meeting agenda can be found as Attachment A. A list of the current RAB membership is provided as Attachment B.

Anthony Pierpoint spoke of the importance of having at least one RAB meeting per year on the Islands. The meetings are intended to offer community members the opportunity to provide input, voice concerns, and obtain information concerning the restoration effort. Scheduling meetings on the islands provides the best opportunity to meet those objectives. Dr. Pierpoint thanked the attendees for taking the time to participate in the meeting. He also thanked John Lindsay for his outstanding work to move the restoration work forward and for his dedication to this effort.

John Lindsay reported that funding has been committed for this year, and the remaining funding available is minimal. There are a number of projects and limited staffing to cover them.

There was a request to make a revision to the meeting agenda to include a discussion of the budget, local hire provisions specified under the Public Law 104-91, and future clean-up needs. It was agreed to add the issues to the end of the agenda.

A motion was made and approved to schedule approval of the previous meeting minutes for the next full RAB meeting.

St. Paul Landfill Closure and New Landfill Development

John Lindsay reported that NOAA has contracted with Nortech to verify the location of the tract boundary. The work is expected to be complete in late June. Mr. Lindsay is also working on a cooperative agreement with the City of St. Paul to close the active areas of the landfill, and make space available in another more appropriate location for continued disposal over the next five to six years.

Ron Philemonoff indicated that he is not sure whether disposal is occurring outside the existing cell. He asked whether Nortech is going to determine the boundaries of the landfill and examine the possibility that disposal is occurring outside the boundaries of the landfill. John Lindsay replied that they intend to identify the boundaries of the landfill and that it may be necessary to erect a fence around the landfill to prevent migration outside the boundary.

Laura Ogar indicated that there is a need to clarify the boundary of the five-acre tract owned by NOAA, but there is also a need to be able to determine the boundary of the entire waste area. This may require digging test pits to determine the area required for capping. John reported that work is in progress to identify the entire area.

Ms. Ogar also reported that a 50-foot buffer is necessary between the waste and adjacent property. She also expressed concern regarding the height of the landfill, and indicated that the landfill is at or close to its height limit. She also reiterated concern that additional space will be necessary to allow for disposal over the next five to six years.

Ron Philemonoff indicated that TDX Corp. is in support of opening a temporary landfill, and indicated that TDX Corp. is willing to provide the space to NOAA. Jason Bourdukofsky expressed concern regarding the temporary landfill, and suggested the permanent solutions

should be the objective. He also expressed concern regarding the safety issues with the airport. Andrey Mandregan expressed similar concern. John Lindsay agreed that the landfill needs to be closed and that NOAA will work to close it. He also stated that NOAA is not responsible for opening a new landfill, and that the community needs to work towards resolving the waste disposal issues so that the existing landfill can be closed. Any new landfill should be the responsibility of the island community.

Phil Zavadil spoke on the Tribal Government's activities regarding waste disposal. He indicated that the Tribal Government has established a waste management task group to examine methods of disposal. Currently, minimal funding is available, but additional funding is expected.

Mr. Philemonoff requested that Laura Ogar provide her suggestions on possible locations for a new landfill. Ms. Ogar indicated that Polovina Hill may have an adequate location, but indicated that alternative waste treatment methods, such as incineration, need to be examined. Phil Zavadil suggested that incineration is too expensive for St. Paul.

Clean-up Program Status and Schedule

John Lindsay handed out fact sheets on the status of the clean-up effort and provided an overview of some of the sites. The following is a short list of the information presented:

1. The bulldozer has been removed from the bog.
2. Debris removal at the dune vehicle bone yard was delayed due to snow.
3. Tract 46 site characterization is beginning.
4. NOAA is working to remove debris and material from several buildings that are planned for transfer.
5. An enhanced thermal desorption system for treatment of contaminated soil will be transported to St. Paul.
6. A drilling rig will be shipped to St. Paul. There is a plan to install a number of monitoring wells and sites are being selected.
7. Preliminary disposal efforts are underway for waste chemicals.

Fact sheets are provided as Attachment C. Mr. Lindsay indicated that the fact sheets will also be made available on the NOAA web page.

Ron Philemonoff asked whether NOAA planned to demolish the old power plant annex. He also indicated that there are several other old buildings which should be torn down. John Lindsay replied that there was a plan to demolish the old annex and suggested that the community come forward with their concerns regarding the safety condition of the buildings. Mr. Philemonoff indicated that the old equipment shed should be torn down. The barreling shed is also a concern.

Anthony Pierpoint suggested that the NOAA Real Property Management Division be consulted to establish whether the buildings should be torn down, and to address historical and preservation issues.

Coast Guard Status Report

Cdr. Mark Howard provided some briefing materials on the status of the remediation effort at Loran Station. The briefing materials are provided as Attachment D. Cdr. Howard reported that the city wells are sampled in March and September. The March sampling showed no petroleum contamination. The perimeter monitoring wells on the Coast Guard property are sampled every September. During recent sampling, five of the seven wells showed no contamination. Minimal contamination was identified in the others. Cdr. Howard also reported that the vapor extraction system is not operational. The Coast Guard is waiting for filters. Once the filters are replaced the system will be operational.

There was a question regarding the frequency of testing on the Coast Guard facility. It was reported that initially sampling was performed quarterly, but the frequency was reduced because of low variance in results.

There was also a suggestion that the Coast Guard allow a community member to maintain the vapor extraction system. Cdr. Howard suggested that any interested parties contact Tessa Meuhllehner to discuss the matter.

PCS Stockpile Treatment

Dennis Hall provided an overview of the stockpile treatment process. The process to be used is known as heated air vaporization or enhanced thermal desorption. The treatment system essentially heats the soil, using heated air at 1100 degrees Fahrenheit, to allow vaporization of contaminants from the soil. Following treatment the clean soil is removed. The system is capable of treating 600 cubic yards at a time. TDX Corp. will be trained on how to construct and operate the system.

The system will be shipped to St. Paul in June.

Tract 46 Site Characterization

Charles Hostetler, Ph.D. provided a briefing on the site characterization work. The purpose of the characterization work is to fully establish the nature and extent of soil and groundwater contamination, and Dr. Hostetler has developed a strategy for soil and groundwater sampling to fully assess the contamination. The strategy was based on existing sampling data, reports from the community, historical records, and visual inspections. Dr. Hostetler continues to work with the community and will modify the sampling scheme as additional information becomes available.

Debris Removal

Clark Milne, Nortech, provided a list and status of the debris removal work. The information is provided as Attachment F. Mr. Milne indicated that work with BSE has gone extremely well. There were 14 sites requiring removal. Some of the work included the removal of the Bulldozer,

and Barges C and D. TPA Site 7 is also complete. Cliff-side landfill is approximately 80% complete.

A barge is scheduled to remove the debris from the island. John Lindsay indicated that there may be additional space available on the barge for the removal of other waste on the island.

Budget Review and Local Hire

As there was limited time, Ron Philemonoff suggested that a discussion of the budget be waived. He indicated that the local community needs work now more than ever, and that NOAA should consider using local personnel on any projects. John Lindsay suggested that he is limited by contracting requirements, but asked for suggestions on how NOAA might utilize local personnel quickly.

Public Comments/Adjourn

Meeting adjourned at approximately 3:00 p.m.

Attachment A

**St. Paul Restoration Advisory Board Meeting
May 11, 2000
St. Paul, Alaska**

Meeting Agenda

9:00 a.m. - 9:15 a.m.	Opening and Introductions	RAB Co-Chairs
9:15 a.m. - 9:30 a.m.	Public Comments	
9:30 a.m. - 9:35 a.m.	Approval of Previous Meeting Minutes	RAB
9:35 a.m. - 10:15 a.m.	St. Paul Landfill Closure New Landfill Development	John Lindsay, NOAA Laura Ogar, ADEC Phil Zavadil, St. Paul
10:15 a.m. - 10:30 a.m.	Clean-up Program Status and Schedule Fact Sheets	John Lindsay, NOAA
10:30 a.m. - 10:45 a.m.	Break	
10:45 a.m. - 11:15 a.m.	Coast Guard Status Report	Tessa Muehlechner, USCG
11:15 a.m. - 11:45 a.m.	PCS Stockpile Treatment	John Lindsay, NOAA
11:45 a.m. - 12:00 p.m.	Tract 46 Site Characterization	CESI
12:00 p.m. - 12:25 p.m.	Debris Removal	NORTECH
12:25 p.m. - 12:35 p.m.	Next Meeting Agenda Items Dates/Location	
12:35 p.m. - 12:45 p.m.	Public Comments/Adjourn	

Attachment B

PRIBILOF RESTORATION ADVISORY BOARD

RAB Co-Chairs

Elary Gromoff, Jr.
Tony Pierpoint

Island Co-Chairs

Max Malavansky
Elary Gromoff
Victor Mercurieff

City of St. George
Max Malavansky & Victor Malavansky
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Alternate: Richard Legatski

ADEC
Louis Howard
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Anchorage, AK 99501
Phone: (907) 269-0298, Fax: (907) 269-7649

US Coast Guard
Ms. Tessa Meuhllehner
Environmental Engineer
Civil Engineering Unit Juneau
P.O. Box 21747
Juneau, AK 99802
Phone: 907-463-2433; Fax: 907-463-2404

Aleut Corporation
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City of St. Paul
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St. George IRA Council
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Fax: (907) 859-2242

St. Paul IRA Council
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Alternate: Steve Melovidof

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Bret Coburn
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Fax: (907) 859-2230
Alternate: Laurence Lestenkof

TDX Corporation
Victor Mercurieff
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St. Paul, AK 99660
Phone: (907) 546-2312
Fax: (907) 546-2366
Alternate: Anthony Philemonoff

Ron Philemonoff
1500 West 33rd Ave., Suite 220
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Phone: (907) 278-2312
Fax: (907) 278-2316
Alternate: Neon Krukoff

St. George At-Large
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St. Paul At-Large
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Aquilina (Debbie) Bourdukofsky
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St. Paul, AK 99660
Phone: (907) 546-3190
Fax: (907) 546-2573
*Alternate: Simeon Swetsof

Attachment C

NOAA Pribilof Project Office Fact Sheet

Name: St. Paul Island Lukanin Bay Debris Site

Site Number: TPA Site No. 12

Description: This TPA site was a surface and buried disposal area for both household and industrial debris. It which extended from the intersection of Public Works and Diamond Hill Roads to the top of Diamond Hill, and from the shoreside dunes of south Lukanin Bay to approximately 100' west of Diamond Hill Road.

In 1986, the DOD FUDS Chase Construction project removed the bulk of the surface debris including drums, fuel tanks, vehicles and equipment. Vegetated and unvegetated pits can be seen where debris and sand removal occurred.

In the January 1997, ESI final report, Hart Crowser discusses the magnetometer and ground penetrating surveys conducted over the TPA site, and estimated a range of 630 to 1,350 cubic yards of PCS exceeding ADEC Matrix Category B levels. Hart Crowser recommended that the PCS be left in place, and no further action occur. The ESI recommendations were based upon site and the weathered PCS characteristics, risk to residents, groundwater and fur seals, and the intent to prevent additional dune erosion.

In 1997, additional debris was removed by NOAA Phase I BSE cooperative agreement. Confirmation sampling was never done. BSE Phase One Closeout Report, Feb 98, States "The site was returned to a natural state, no contaminated soils were found at this site, and can now be considered clean". Substantiating data was never provided.

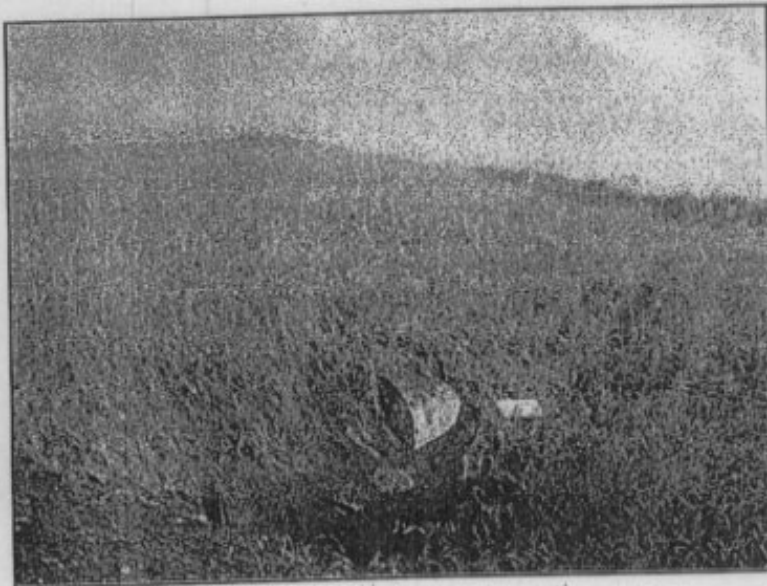
In 1999, additional exposed debris removed. Dune erosion initiated by All Terrain Vehicle (ATV) recreational traffic has exposed formerly buried debris including one AST, three corroded drums and miscellaneous metal. At least three ASTs, drums, two station wagons, and two small trucks were also reported as being buried in this same area, where the dune exposure has occurred. On the west side of Diamond Hill Road, wind erosion and subsidence is beginning to expose other formerly buried debris, including wiring, piping, machine parts, sheet metal, cable, and miscellaneous metal and concrete pieces.

CY2000 Plans: Remove debris from site and request NFA.

Plans:

Current Status: Looking into conducting an interim corrective action at this site during spring 2000.

Picture:



NOAA Pribilof Project Office Fact Sheet

Name: St. Paul Island Salt Lagoon Diesel Seep

Site Number: TPA Site No. 13-1 Salt Lagoon Diesel Seep

Description: The Salt Lagoon Diesel seep has been subdivided into two units: 13-1 Salt Lagoon Diesel Seep and 13-2 Blubber Dump PCS Stockpile.

Site 13-1 originated from operations at the NMFS Fur Seal Carcass Rendering Plant, also known as the "By-Products Plant Diesel and Seal Oil ASTs and Gasoline USTs" were part of the facilities. U.S. Fish and Wildlife Service and Bureau of Commercial Fisheries, predecessor agencies to the National Marine Fisheries Service, buried industrial debris on-site in the 1960's. It is not known whether any of this debris was excavated and removed as part of the Diesel Seep project. Reportedly, operations of the plant by the Government ceased in the 1960's, and the facility was demolished by Tanadgusix Corporation (TDX) in 1988. NOAA files show that the diesel seep was first reported as an environmental concern in 1989.

The site was investigated in 1989 and 1994. In 1994, debris and 9,000 cubic yards of Petroleum Contaminated Soil (PCS) were removed. Another estimated 2,700 cubic yards of PCS remain in a Buffer Strip. The Buffer Strip, approximately 15 feet wide, is situated between the west side of the TPA site and the Salt Lagoon Channel. This area was left in place to avoid erosion and collapse of the channel bank. The 9,000 cubic yards of PCS excavated was stockpiled atop the closed Blubber Dump (Site 13-2).

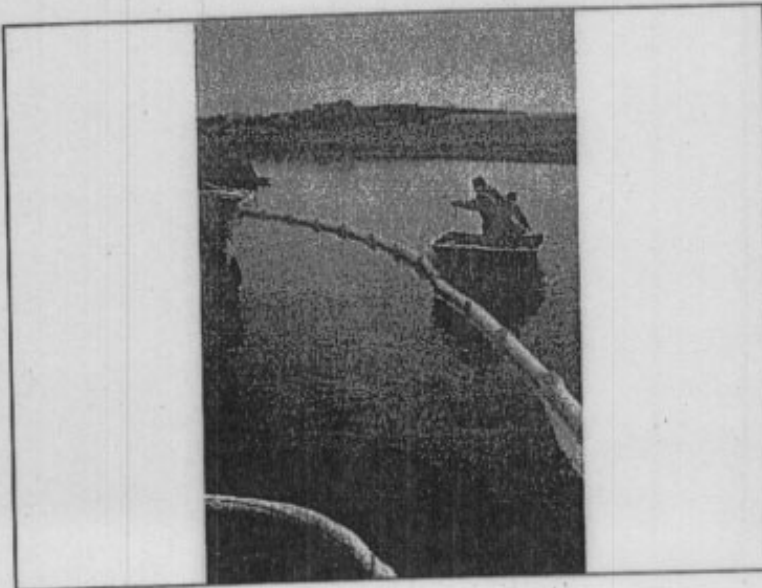
In 1995, the Alaska Department of Environmental Conservation (ADEC) issued a no further action required (NFAR) letter with the condition that NOAA deploy oil containment booms and absorbent materials to capture oil seeping into the channel from the Buffer Strip. NOAA has an "in-kind" account agreement with the City of St. Paul to inspect and maintain the containment boom.

In 1999, NOAA sponsored US Coast Guard Strike Team oil boom placement and maintenance training to City of St. Paul personnel and other island residents. In addition, NOAA replaced and supplemented oil containment materials on the island.

CY2000 Plans: Because of concerns expressed by local residents in 1999, NOAA reconsidered the overall long term impacts associated with maintaining the oil boom and supplies. Based upon this reconsideration, NOAA is intending to evaluate the possibility of a removal action in the buffer strip zone in order to eliminate further seepage into the salt

Current Status: Further site work is pending NOAA's preparation of a corrective action plan.

Picture:



St. Paul On-Island Work Schedule

ID	Task Name	Start	Finish	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
1	Survey of NGS Monuments	Fri 3/3/00	Fri 3/10/00									
2	Debris Removal While Tundra is Frozen	Mon 4/3/00	Fri 4/28/00									
3	Tract 46 Site Characterization Study	Mon 5/8/00	Fri 9/1/00									
4	Debris Removal	Mon 6/5/00	Fri 10/13/00									
5	Soil Treatment	Mon 6/12/00	Fri 10/13/00									
6	City St. Paul Landfill Design	Thu 6/1/00	Tue 8/15/00									
7	Property Boundary Survey	Thu 6/1/00	Fri 6/30/00									

Attachment D

U.S. Department
of Transportation

United States
Coast Guard



Commanding Officer
U.S. Coast Guard
Civil Engineering Unit

P.O. Box 21747
Juneau, AK 99802-1747
Phone: (907) 463-2400
Fax: (907) 463-2404

May 11, 2000 - St. Paul Restoration Advisory Board Meeting Notes

I. Update on City drinking water well sampling

- We are sampling the city wells (South well and Fredreka 2) every March and September.
- The March 2000 sampling results showed no petroleum contamination.
- The next sampling is in September 2000.

II. Update on groundwater monitoring of wells on LORSTA property

- We sample the perimeter monitoring wells on the Coast Guard property once a year in September:
- Please refer to the May 2000 fact sheet for a map showing the monitoring well locations and the September 1999 results.

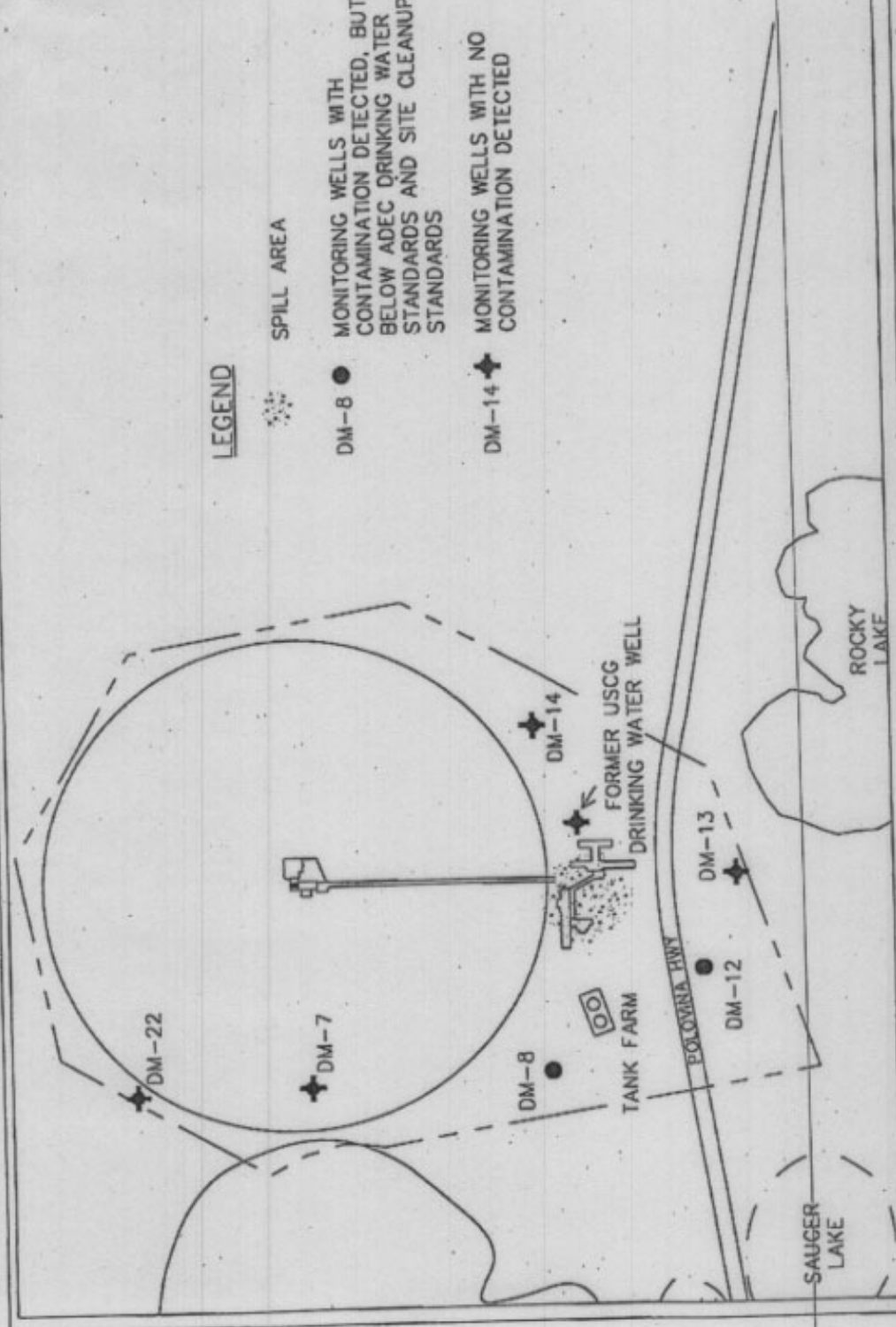
[hand out fact sheet if everyone does not have it yet]

- As shown on the map, five out of the seven perimeter wells did not have any contamination at all. (The ones in blue are clean.)
- The next sampling is in September 2000.
- Copies of the fact sheet will be distributed around St. Paul as in insert in the island newsletter. Thank you to Debbie Bourdakovsky for allowing us to put the insert in the newsletter.

III. Update on High Vacuum Extraction (HVE) System

- For the injection of the treated water back into the ground: all the wastewater discharge permit levels have been met.
- As of the end of March, we had treated approximately 370,000 gallons of contaminated water.
- We have recovered 860 gallons of fuel to date.
- A centrifuge was shipped to St. Paul on 2 May and should be installed by the end of the month. This will help increase the rate at which we are recovering fuel.

Feel free to refer any questions to Tessa Muehlechner at 463-2433.
Phone number is also on bottom of fact sheet.



LEGEND

SPILL AREA

DM-8 ●

MONITORING WELLS WITH CONTAMINATION DETECTED, BUT BELOW ADEC DRINKING WATER STANDARDS AND SITE CLEANUP STANDARDS

DM-14 ✦

MONITORING WELLS WITH NO CONTAMINATION DETECTED

SHEET TITLE

NOV 99 SAMPLING RESULTS PERIMETER MONITORING WELLS

A/E PROJECT NO:	
CAD FILE NAME:	
DESIGNED BY:	
DRAWN BY:	
EDITED BY:	

LORAN STATION ST. PAUL ST. PAUL, ALASKA