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2008-000389-0

Recording Dist: 305 - Aleutian Islands
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NOTICE OF RESIDUAL SOIL CONTAMINATION AT
TWO PARTY AGREEMENT SITE 6
ST. GEORGE ISLAND, ALASKA

Pursuant to 18 AAC 75.375, the City of St. George (the City) as the owner, and the U.S. Department of Commerce/National Oceanic and Atmospheric Administration (NOAA), as the operator, hereby provide public notice that property located east of the City on St. George Island, Alaska, 99591 is contaminated with petroleum products. More specifically, the property is described as follows:

Lot 42, Tract 52
Section 29, Township 41 South, Range 129 West, of the Seward Meridian, Alaska.
56° 36' 6.94" North Latitude, 169° 32' 16.14" West Longitude

This property, hereafter referred to as Site 6 (Figures 1 and 2), has been subject to debris and petroleum contaminated soil from a discharge, or release and subsequent cleanup of oil or other hazardous substances, regulated under 18 AAC 75, Article 3 as amended December 2006 and solid waste disposal, which is regulated under 18 AAC 60 as amended August 2003. Adequate soil cover needs to be maintained over the residual petroleum contaminated soil. If contaminated soil is exposed in the future, it must be managed in accordance with laws applicable at that time. These releases and cleanup are documented in the Alaska Department of Environmental Conservation (ADEC) contaminated sites database under Reckey #1994250135434; File ID 2643.38.012.

Site 6 was identified as the *Open Pits Site* pursuant to the *Pribilof Islands Environmental Restoration Two Party Agreement* (TPA) between the State of Alaska and NOAA (NOAA 1996). NOAA addressed the property as TPA Site 6 and NOAA Site 6. Following corrective action, NOAA submitted a request for conditional closure to the ADEC Division of Spill Prevention and Response, Contaminated Sites Program (NOAA 2005a). ADEC determined, in accordance with 18 AAC 75.325(f)(1), that site cleanup has been performed to the maximum extent practicable even though residual petroleum contaminated soil remained on the property (NOAA 2005a). ADEC granted a conditional closure, in part subject to this institutional control (deed notice), and confirmed that no further corrective action was required at the site unless new information becomes available that indicates to ADEC that the site may pose an unacceptable risk to human health, safety, welfare or the environment (NOAA 2005a).

Grantor: St. George Tanaq Corporation
4141 B Street, Suite 301
Anchorage, AK 99503

Grantee: City of St. George
PO Box 929
St. George, AK 99591

Recording District: Aleutian Islands

3

Remedial Actions and Residual Contamination

Aerial photographs taken in 1948 and 1967 indicate that Site 6 was used as a quarry and covered an area of approximately 2 acres. Sometime after 1967 and no later than 1993 the site was used for the disposal of solid waste, including domestic trash, coal, building materials, pipe, tires, scrap metal, concrete structures, drums, lead acid batteries, derelict equipment, and abandoned fuel storage tanks.

In 1993, forty drums and six automotive batteries were removed from the site. Two of the forty drums contained oily water, one drum contained 10 gallons of fuel oil, and one drum contained packing grease; the remaining thirty-six drums were empty. Chlorinated solvents and polychlorinated biphenyl (PCB) were not detected in drum content samples. An abandoned vehicle and crane were inspected and found to be free of fluids (Woodward-Clyde 1994).

In 1995, Hart Crowser conducted an inspection of Site 6 in which thirteen test pits were excavated and sampled for diesel range organics (DRO); gasoline range organics (GRO); residual range organics (RRO); benzene, toluene, ethylbenzene, and total xylene (BTEX); PCB; pesticides; metals; and semivolatiles compounds. DRO was the only analyte determined to be a contaminant of concern at Site 6. The investigation also determined that anthracitic coal dumped at the site was not a threat to human health (Hart Crowser 1997).

In 1997, metal debris and other solid wastes were removed from the site (Polarconsult 1997). Evidence of petroleum contamination was observed under a crane during its removal.

In 2002, 2,149 cubic yards petroleum hydrocarbon contaminated soil was excavated and removed from three locations at Site 6; the coal subsite, the crane subsite, and the southeast subsite (Polarconsult 2004). Contaminated soil was removed to the extent practicable; however, DRO contamination in concentrations above the ADEC Method Two cleanup criterion remains in areas where equipment refusal occurred due to encountering bedrock, or excavation depths exceeded fifteen feet below the ground surface. The Site 6 excavations were backfilled with clean material. Attached are diagrams (Figures 3, 4 and 5) drawn to scale that show the areas that were cleaned up, the locations where confirmation soil samples were collected, and the approximate locations of remaining soil contamination based on confirmation sample results.

In 2002, NOAA installed two groundwater monitoring wells down-gradient of Site 6. Groundwater samples collected from these wells from 2002 through 2004 had analytical results indicating all contaminants were either non-detect or detected at concentrations below ADEC cleanup standards (Tetra Tech 2005). Based on a determination that groundwater in the vicinity of Site 6 had not been adversely impacted, these monitoring wells were decommissioned in 2005 and removed in 2006 in accordance with an ADEC approved long-term groundwater monitoring plan (NOAA 2005b).

Site Use

In the event that information becomes available which indicates that Site 6 may pose an unacceptable risk to human health, safety, welfare or the environment, the land owner and/or operator is required under 18 AAC 75.300 to notify ADEC and evaluate the environmental status of the contamination in accordance with applicable laws and regulations. Further site characterization and cleanup may be necessary under 18 AAC 75.325-.390 and 18 AAC 78.600. Also, any transport, treatment, or disposal of any potentially contaminated soil from the site requires notification to and approval from the Department in accordance with AAC 75.370(b) and 18 AAC 78.600(h).

This notice remains in effect until a written determination from ADEC is recorded that states that soil at



the site has been shown to meet the most stringent soil cleanup levels in Method Two of 18 AAC 75.341 (c) and that off-site transportation of soil is not a concern.

References:

Hart Crowser. 1997. *Expanded Site Inspection, St. George Island, Pribilof Islands, Alaska*. Prepared for U.S. Army Corps of Engineers, Seattle District. January.

National Oceanic and Atmospheric Administration (NOAA). 1996. *Pribilof Islands Environmental Restoration Two Party Agreement*, Attorney General's Office File No. 66 1-95-0126. National Oceanic and Atmospheric Administration. January 26.

NOAA. 2005a. *Request for Conditional Closure, Open Pits Site, TPA Site 6/NOAA Site 6, St. George Island, Alaska*. Signed by John Lindsay, Pribilof Project Manager, U.S. Department of Commerce, National Oceanic and Atmospheric Administration August 1, 2005; signed by Louis Howard, Project Manager, Alaska Department of Environmental Conservation, Division of Spill Prevention and Response August 8, 2005.

NOAA. 2005b. *Final Long-Term Groundwater Monitoring Plan, St. George Island, Alaska, Pribilof Islands Environmental Restoration Project*. August 29.

Polarconsult Alaska, Inc. (Polarconsult). 1997. *Environmental Site Investigation, St. George Debris Cleanup & UST Decommissioning, Pribilof Islands Environmental Restoration Project*. Volume 3. December 31.

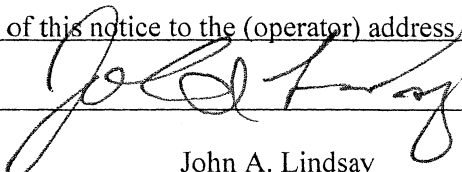
Polarconsult. 2004. *Corrective Action Report (Final), Open Pits Site, TPA Site 6, Remedial Corrective Action Project, St. George Island, Alaska*. December 31.

Tetra Tech Environmental Management, Inc. (Tetra Tech). 2005. *Final Field Investigation Report, St. George Island, Alaska, Pribilof Environmental Restoration Project*. June 23.

Woodward-Clyde. 1994. *Phase 1B Environmental Assessment, St. George Island, Alaska*. Woodward-Clyde, Anchorage, Alaska. March 31.

Please return original copy of this notice to the (operator) address below:

Signature:



Printed Name:

_____ John A. Lindsay _____

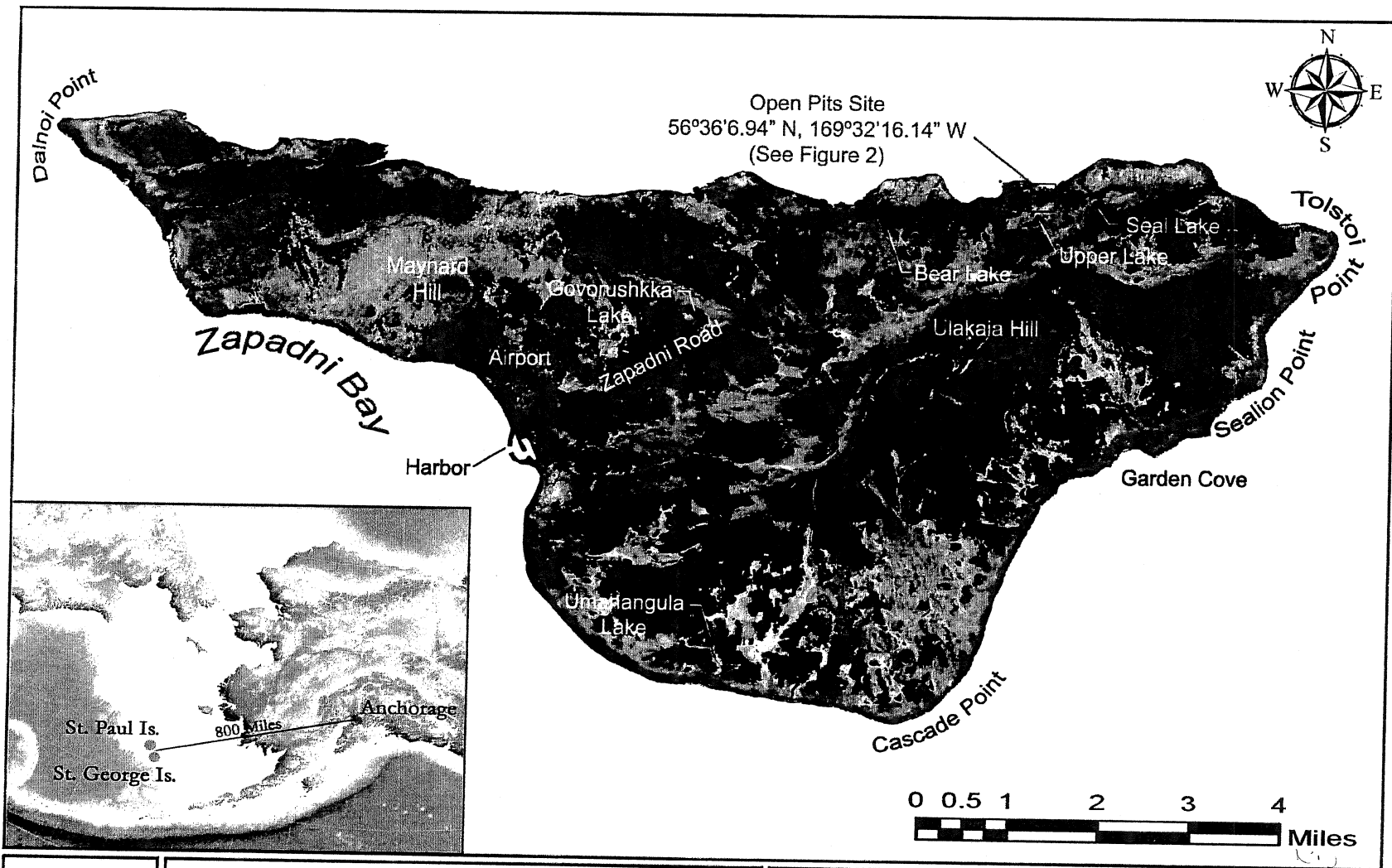
Mailing Address:

Attn: John Lindsay
US DOC, NOAA, NOS, OR&R, PPO
7600 Sand Point Way NE
Bldg 3, RM 1301
Seattle, WA 98115



3 of 8

2008-000389-0

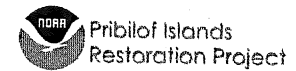


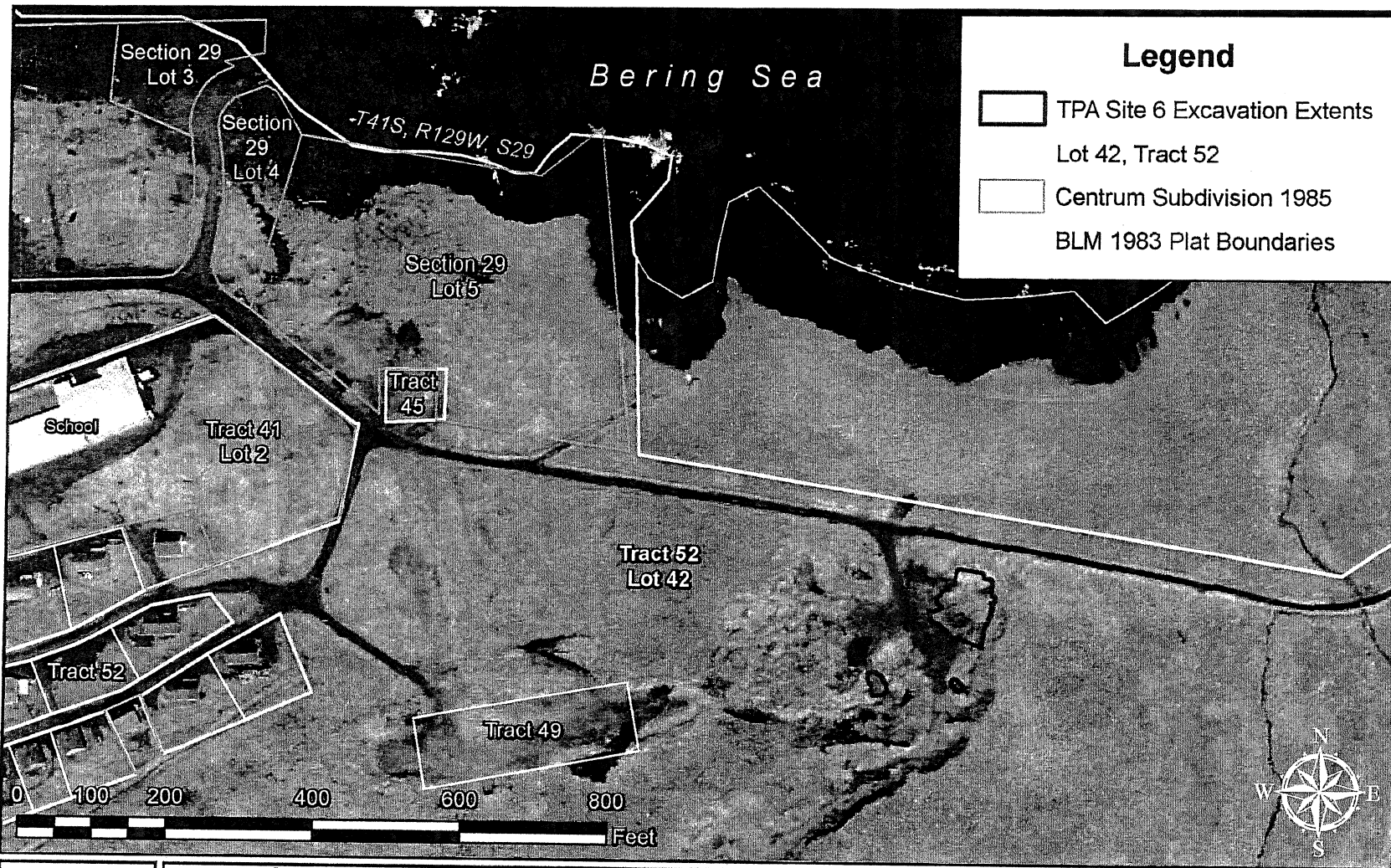
Figure

1

**St. George Island Vicinity Map
 Open Pits Site
 NOAA Site 6/TPA Site 6
 St. George Island, Alaska**

Source: Ikonos Satellite Imagery
 (Space Imaging 2001)
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 Fig 1 STG Standard - TPA 6.psd
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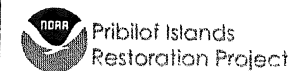


Figure

2

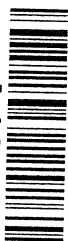
Legal Property Description Map
Lot 42, Tract 52 of T41S, R129W, S29
Open Pits Site
NOAA Site 6/TPA Site 6
St. George Island, Alaska

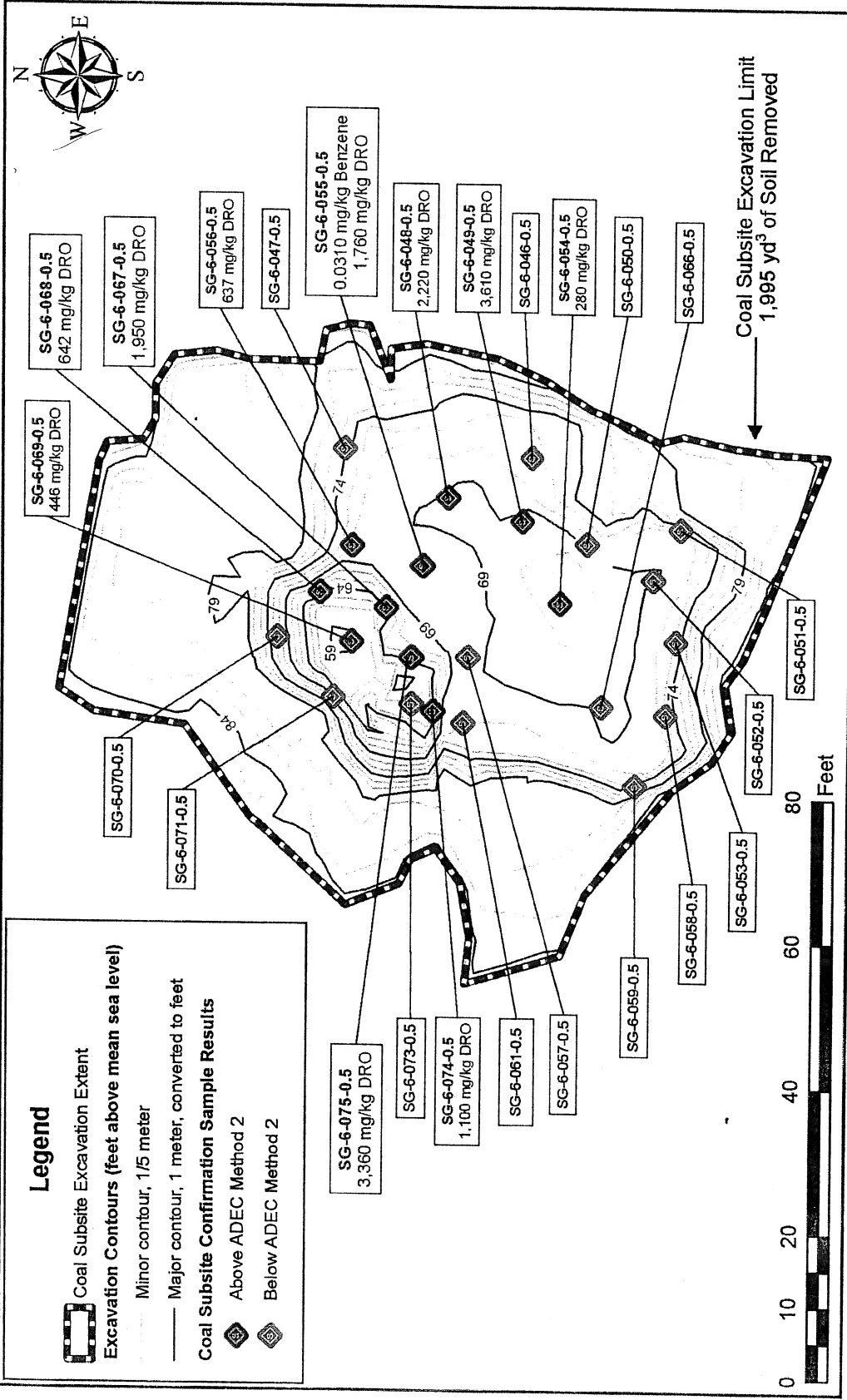
Sources: Excavation Extent (NOAA PPO GIS),
 Aero-Metric 2006 1 ft Aerial Photo, 1983 Bureau of
 Land Management Land Survey Plat Officially filed
 February 15, 1985. Centrum Subdivision. 10/31/85.
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5 of 8



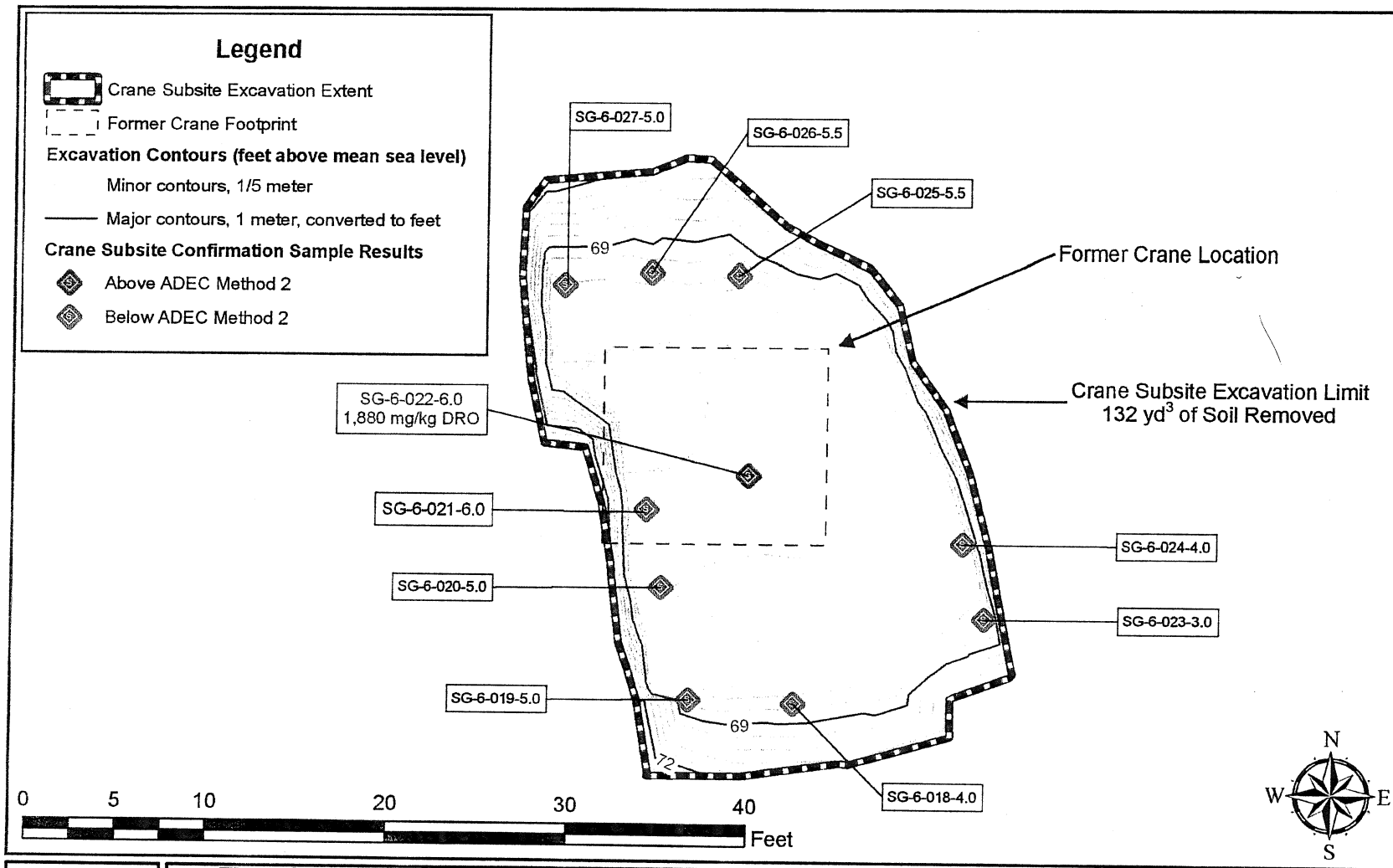


Sources: GIS Layers (NOAA PPO GIS); survey data collected in the field by PPO staff, analytical data provided in the "Final Corrective Action Report, Open Pits Site, TPA Site 6 Remedial Corrective Action Project, Vol 1." Path: C:\KP_GIS Data\Maps & Figures\STG\Deed Notices\Open Pits Site\Fig3_TPA6_Coal_Samples&Excavation.mxd Date: 8/7/2008 @ 11:21:20 AM

Final Coal Subsite Excavation Extent & Confirmation Sampling Results
Open Pits Site
NOAA Site 6/TPA Site 6
St. George Island, Alaska

Figure 3



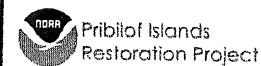


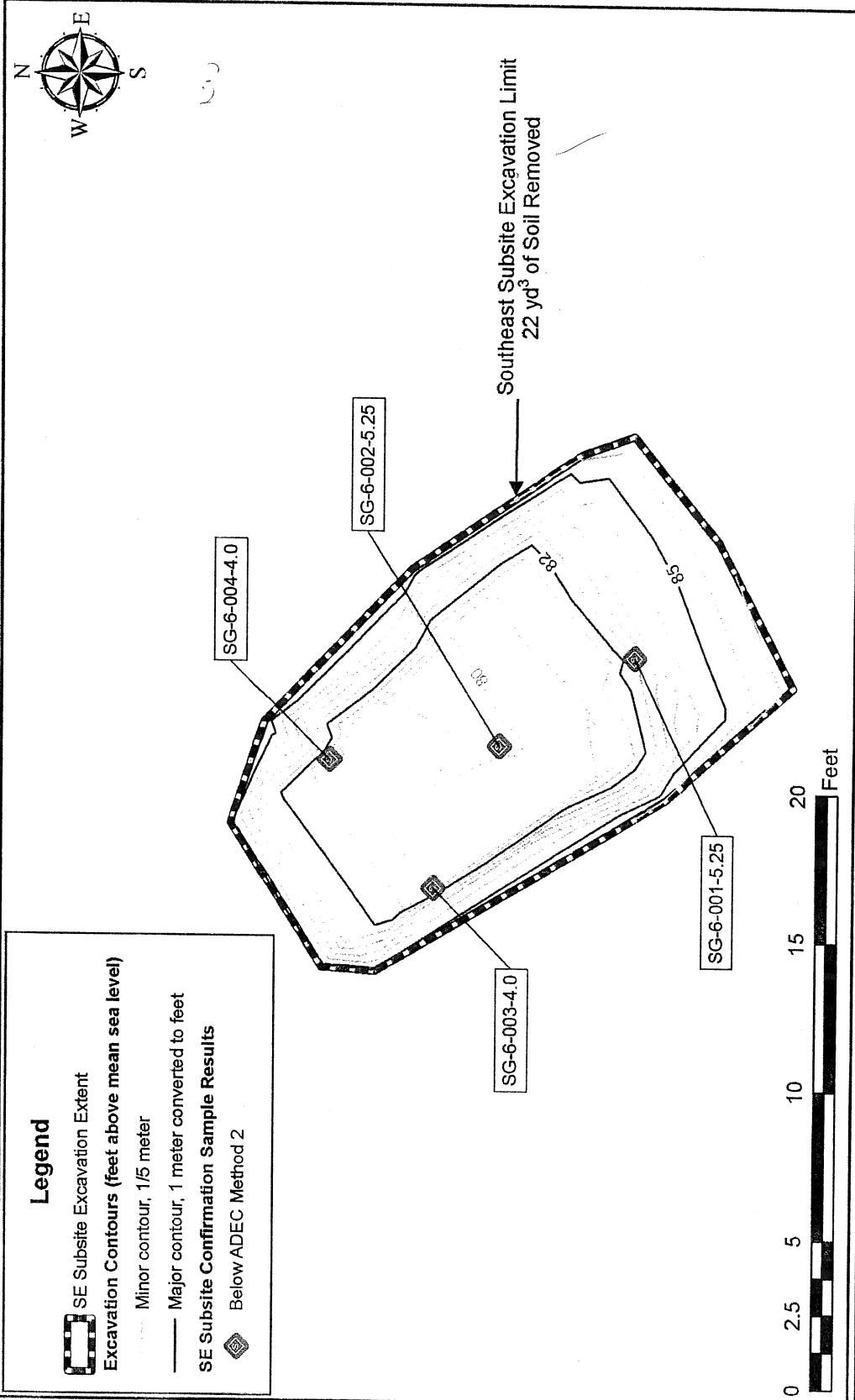
Figure

4

**Final Crane Subsite Excavation Extent & Confirmation Sampling Results
Open Pits Site
NOAA Site 6/TPA Site 6
St. George Island, Alaska**

Sources: Layers (NOAA PPO GIS), survey data collected in the field by PPO staff; analytical data provided in the "Final Corrective Action Report Open Pits Site, TPA Site 6 Remedial Corrective Action Project, Vol. 1."
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Legend

- SE Subsite Excavation Extent
- Excavation Contours (feet above mean sea level)**
- Minor contour, 1/5 meter
- Major contour, 1 meter converted to feet
- SE Subsite Confirmation Sample Results**
- Below ADEC Method 2

Sources: Survey Data Collected in the Field by Pribilof Project Staff; Analytical Data Provided in the Final Corrective Action Report Open Pits Site, TPA Site 6 Remedial Corrective Action Project, St. George Island, Alaska, Vol. 1.
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Final SE Subsite Excavation Extent & Confirmation Sampling Results
 Open Pits Site
 NOAA Site 6/TPA Site 6
 St. George Island, Alaska

Figure 5

