

**Table 1 – Summary of NOAA Sites on St. Paul Island, Alaska
June 4, 2008**

NOAA Site No.	TPA Site No.	Site Name	Type of Contamination								Clean Closure	Site Conditions as of June 4, 2007	Within CWMA ¹	Site Status as of April 2, 2008	Property Owner as of November 6, 2007	
			Drums	Surface Debris	Solid Waste	Soil	Sediment	Surface Water	Building Demolition	UST/AST/Pipeline						
1	1	Oil Drum Dump	X	X	X	X							DRO and RRO exceed Method Two levels in an estimated 2,300 cubic yards of soil. Groundwater contaminated with DRO. Buried debris exists, but extent and quantity is unknown.		FUDS	TDX/TAC
2	2	Vehicle Boneyard	X	X	X								Buried solid wastes, such as metallic debris and an asbestos monofill capped by vegetated soil cover; post-closure cap monitoring until June 20, 2010; deed notice.		NFRAP 06/20/05	TDX/TAC
3	3	Little Polovina Boneyard		X							X				NFRAP 03/03/00	TDX/TAC
4	4	Dune Vehicle Boneyard		X							X				NFRAP 02/20/01	TDX/TAC
5	5a	St. Paul Landfill (active Cell C)	X		X	X							Municipal solid waste (MSW), lead-based paint abatement waste (including building renovation waste), demolition debris, and lead soil from other sites consolidated at this location; vegetated cap; cap consists of petroleum-contaminated soil; post-closure cap monitoring until January 24, 2013; groundwater monitoring (potential DRO and lead contamination) until spring 2013 pending regulatory review; deed notice.		NFRAP 10/04/05 Solid Waste Closure 10/27/05 Reopened by NOAA in September 2006 to dispose of abatement and demolition wastes; re-closure approved by ADEC Solid Waste on 01/24/08.	NOAA
6	5b	Cell A	X		X	X							Residual soil DRO or RRO contamination remains in at least one limited area among construction and demolition debris. All buried debris and MSW has been capped with a minimum of two feet of clean scoria; the cap side walls are vegetated; post-closure cap monitoring until November 2010 pending regulatory review; deed notice.		NFRAP 11/15/04	City of St. Paul/TAC
7	5c	Cell B drum dump	X			X							Residual soil contaminated with DRO and RRO remains beneath City of St. Paul working pad circa 25 ft bgs; long-term groundwater monitoring at least until spring 2013 as part of the Cell C monitoring effort; deed notice.		NFRAP 04/11/05	City of St. Paul/TAC
8	5d	Cell B solid waste			X						X				NFRAP 02/11/05	City of St. Paul/TAC
9	6	Pumphouse Lake		X							X				NFRAP 04/11/01	TDX/TAC
10	7a	NMFS Fuel Barge: North End Lagoon		X		X					X				NFRAP 01/02/02	TDX/TAC
11	7b	NMFS Fuel Barge: Lagoon Channel		X							X				NFRAP 01/02/02	TDX/TAC
12	7c	NMFS Fuel Barge: Black Bluff		X							X				NFRAP 01/02/02	TDX/TAC
13	7d	NMFS Fuel Barge: East Landing		X							X				NFRAP 01/02/02	TDX/TAC
14	8a	NOAA (NMFS) Reef Point Landfill		X							X		TPA Figure 4-2 depicts a "landfill" along the northern shoreline of Reef Point; the "landfill" site was purportedly used two or three times to burn wood debris, and the ash was buried at the site. Tetra Tech (December 2000) identified other disposal locations and removed debris at Reef Point. Nortech (2001) surveyed the area removed some surface debris.		NFRAP 12/19/01	NOAA (Seal Rookery)
15	8b	NOAA (Village) Landfill		X	X	X							De minimis quantities (<1 yd ³) of residual lead contaminated soil lies within basaltic rock fractures, and buried solid waste remains on a vegetated steep slope; deed notice.		NFRAP 12/19/01	TDX
16	9a	Old Movie Theater								X	X				NFRAP 10/11/04	TDX/TAC
17	9b	Former Power Plant (Former Post Office)				X				X			Residual soil contaminated with DRO remains beyond practical excavation limits and underneath the concrete slab that extends northerly beyond the north end of the	XX	NFRAP 10/11/04	Tribal Government/TAC

¹ X- denotes the site is within the Critical Water Management Area (CWMA); XX – denotes that contaminated soils exceed the CWMA 10x criterion for DRO at the site. Note, DRO and other analytes exceed the CWMA 10x criteria at Site 9f.

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												former post office building; DRO exceeds the 10x Rule criterion at one location by the building foundation; long term groundwater monitoring (DRO contamination). (Note: Tribal Government installed a UST at Former Post Office in 1972; decommissioning of this UST is outside NOAA's authorization and the Two-Party Agreement); deed notice.			
18	9c	Decommissioned Power Plant				X				X	X	Residual soil contaminated with DRO and GRO remains greater than 15 feet bgs and under the roadway; long term groundwater monitoring (DRO contamination); benzene does not exceed 1991 criterion of 0.5 mg/kg, but it does exceed the current criterion of 0.02 mg/kg; deed notice.	XX	NFRAP 02/11/05	NOAA
19	9d	Decommissioned Power Plant Annex				X				X	X	Residual soil contaminated with DRO remains on north side of the Annex; GRO and DRO remain on the eastside of the Annex along buried utilities and potentially below the concrete pad; east side soils exceed CWMA criterion in limited areas. Residual soil benzene remains along buried utilities; benzene does not exceed 1991 criterion of 0.5 mg/kg; long term groundwater monitoring (DRO contamination); deed notice.	XX	NFRAP 09/14/04 NFRAP 04/08/08	NOAA
20	9e	Municipal Garage/Machine Shop (a.k.a. Municipal Garage UST vent fill/pipe TPA 9c, and Municipal Garage Drum Staging Area (Tract 41) 9d per TPA Attachment A)				X				X	X	No contamination is known to exist under the Machine Shop. However, soil contamination at the water table remains below the former Municipal Garage which was demolished during 2007. Residual soil contaminated with DRO, GRO, benzene, toluene, and ethyl benzene, remain along utilities, beneath the roadway, and underneath a concrete pad tied to the Machine Shop; total xylenes above Method Two in soil remain in limited areas at the water table; DRO, GRO, toluene, and ethyl benzene in soils at the water table exceed the 10x Rule criteria in some areas; benzene exceeds the 1991 benzene criterion of 0.5 mg/kg in some areas; long term groundwater monitoring (DRO, GRO, toluene, and benzene contamination); deed notice.	XX	NFRAP 10/11/04 NFRAP 04/16/08	NOAA
21	9f	Old Coal Shed (Cascade Bldg)				X					X	This site is contiguous with a former gasoline station. Residual soil contaminated with DRO, GRO, benzene, toluene, and ethylbenzene remain along utilities, in the water table, and beneath the roadway; total xylenes remain in limited areas at the water table; DRO, GRO, toluene, and ethylbenzene in soils at the water table exceed the 10x Rule criteria in most areas; benzene exceeds the 1991 benzene criterion of 0.5 mg/kg in most areas; long term groundwater monitoring (DRO, GRO, benzene, and ethylbenzene contamination); deed notice.	XX	NFRAP 04/01/05	NOAA
22	9g	Former Fouke Bunkhouse				X					X	DRO exceeded Method Two at the water table but soil DRO concentrations were below 10x Rule criterion; deed notice.	X	NFRAP 09/14/04	NOAA
23	9h	Former Alaska Dormitory				X					X	Residual soil contaminated with DRO remains in the water table, beneath the building and near water service line; DRO in these soils exceeds the 10x Rule criterion; long term groundwater monitoring (DRO contamination); deed notice.	XX	NFRAP 09/17/04	NOAA
24	9i	E-Shop/Radio Building and Duplex				X					X	Residual lead soil 2 ft.+ bgs point of compliance along the southeast side of the Duplex (see Site 60 below) and 5 ft+ along eastside of E-Shop; residual soil contaminated with DRO remains along the northwest corner of the E-Shop, and extends beneath the road and near electric and sewer lines. DRO above 10x Rule criterion remains along the	X	NFRAP 02/11/05 FUDS	NOAA

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			Drums	Surface Debris	Solid Waste	Soil	Sediment	Surface Water	Building Demolition	UST/AST/Pipeline					
												northwest corner of the Duplex; additional removal is hindered by electric, water, telephone and sewer trunk and service lines. DRO above 10x Rule criterion remains along a water line approx. 15 ft. from the northeast section of the E-Shop at 5 ft. bgs; deed notice.			
25	9j	5 Car Garage and Anderson Bldg				X					X	One sample equaled Method Two DRO cleanup level of 250 mg/kg. Residual benzene in some soils exceeded Method Two level of 0.02, but not above 1991 level of 0.5.	X	NFRAP 11/05/04	NOAA
26	9k	AST Saddle Complex				X					X	Residual soil contaminated with DRO remains beyond practical limits of excavation (rock) and likely beneath the road; DRO above 10x Rule criterion remains in the area of the former AST saddles. Benzene above the criterion of 0.02 mg/kg remains in limited areas; benzene concentrations did not exceed the 1991 criterion of 0.5 mg/kg; long term groundwater monitoring (DRO and benzene contamination); deed notice.	XX	NFRAP 11/05/04	TDX/TAC
27	9l	Old Sealing Plant (a.k.a. Barreling Shed)				X			X		X			NFRAP 09/14/04	NOAA
28	9m	Salt Water Wells (a.k.a. Contaminated Salt Water Wells, TPA 9e; TPA Attachment A)							X		X	One of three well pump houses was demolished in October 2007, along with the Decommissioned Power Plant building (Site 18). The five wells were decommissioned in 2003 and 2004; contaminated groundwater underlies the sites; deed notice.	X	NFRAP 03/22/05	NOAA
29	10	Former Gasoline Tank Farm								X	X			NFRAP 02/24/00	NOAA
30	11	Diesel Tank Farm				X				X		Residual soil DRO remains beyond practical limits of excavation, near a water main, and beneath the road; deed notice.		NFRAP 11/05/04	NOAA
31	12a	Lukanin Bay Debris Area A	X	X	X						X			NFRAP 05/05/05	TDX/TAC
32	12b	Lukanin Bay Debris Area B			X						X			NFRAP 05/05/05	TDX/TAC
33	12c	Lukanin Bay petroleum contaminated soil			X	X					X	Vegetated soil cap over excavation.		NFRAP 05/05/05	TDX/TAC
34	13a	Salt Lagoon Diesel Seep (uplands)	X			X				X		Residual soil contaminated with DRO and GRO (at one location the level was 310 mg/kg) remains within the smear zone and in the east area among buried concrete rubble associated with the former By-Products Plant; two granular activated carbon reactive permeable walls installed; groundwater monitoring (DRO contamination) until at least October 2008 pending regulatory review; deed notice.		NFRAP 02/13/06)	TDX/TAC
35	13b	Salt Lagoon D. Seep Channel				X	X	X			X			NFRAP 02/13/06	State of Alaska
36	14	Icehouse Lake (a.k.a. Icehouse Lake Buried Vehicle Boneyard; TPA Attachment A)	X	X	X	X				X		Long term groundwater monitoring (DRO, GRO, and lead contamination, although in the 2007 sampling round lead fell below the cleanup criterion) until at least October 2008 pending regulatory review; deed notice.		NFRAP 07/06/05	TDX/TAC
37	15a	Scoria Pit – Telegraph Hill	X	X							X	Potential exists for exposure of buried 55 gallon drums.		NFRAP 08/24/04, FUDS	NOAA
38	15b	Scoria Pit – Lake Hill	X	X	X						X			NFRAP 04/03/03	TDX/TAC
39	15c	Scoria Pit – Ridge Wall	X	X							X			NFRAP 04/03/03	TDX/TAC
40	NTPA	Aleut Bunkhouse		X							X			NFRAP 03/02/01)	TDX/TAC
41	NTPA	Bulldozer in Bog		X							X			NFRAP 04/13/01	TDX/TAC
42	NTPA	Explosives Storage Bunker									X	Blasting caps in a bunker were removed and detonated.		NFRAP 04/13/01	TDX/TAC
43	NTPA	Barrels at North End of Salt Lagoon	X	X		X					X			NFRAP 01/02/02	TDX/TAC
44	NTPA	Big Polovina Debris		X							X			NFRAP 02/01/00	NOAA
45	NTPA	SW Point Former LORAN		X		X					X			NFRAP 05/24/01	TDX/TAC
46	NTPA	Blubber Dump Debris		X	X						X	Vegetated soil cap over solid wastes; deed notice.		NFRAP 03/02/01	TDX/TAC and possibly NOAA (the disposal

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47	NTPA	Petroleum Contaminated Stockpile (Blubber Dump PCS removal and Polovina Hill Stockpile)				X						X			NFRAP 10/08/04 (Blubber Dump Stockpile) NFRAP 02/11/05 (Polovina Hill Stockpile)	NOAA and TDX/TAC (site crosses two properties at Blubber Dump) TDX/TAC (Polovina Hill Stockpile)
48	NTPA	Windmill Wells										X			NFRAP 07/05/05, FUDS	TDX/TAC
49	9n	Gas Station and Garage				X					X	X	Deed notice to future landowner.	X	NFRAP 10/11/04	NOAA
50	9o	Former Gasoline/Diesel Drum Storage Area	X			X					X		Residual soil contaminated with DRO and benzene remain, further removal limited by rock and/or slope grade. DRO exceeds 10x rule criterion in certain areas. Residual benzene in soils exceeded Method Two level of 0.02, but not above 1991 level of 0.5; long term groundwater monitoring (DRO contamination); deed notice.	XX	NFRAP 10/11/04	TDX
51	9p	Fuel Transfer Station and Pipeline (Receiving Warehouse)				X					X		Residual soil contaminated with DRO and benzene remain along buried utilities south of the transfer pump station; benzene does not exceed 1991 criterion of 0.5 mg/kg; DRO exceeds 10x rule criterion in limited areas; deed notice.	X	NFRAP 09/14/04	NOAA
52	NTPA	Tract 50 asbestos in soil		X								X			NFRAP 05/03/04	NOAA
53	9q	Tract A Lot 101				X					X		Residual soil contaminated with DRO remains beneath the building and beyond practical limits of removal in soil; deed notice.		NFRAP 10/11/04	NOAA
54	9r	Tract A Lot 102				X					X		Residual soil contaminated with DRO remains beneath the building and beyond practical limits of removal; deed notice.		NFRAP 11/01/04	NOAA
55	9s	Tract A Lot 103				X					X	X			NFRAP 10/11/04	NOAA
56	NTPA	ATCO/Radio Bldg Barrel Staging Area		X		X					X		Soil contaminated with DRO, LNAPL, and groundwater contamination remains. Potential landowner liability and/or FUDS; no NOAA liability for soils or LNAPL and groundwater.	XX	FUDS	TDX/TAC
57	NTPA	Tract 46 Sheet Metal Garage								X		X	Building demolition only; concrete pad left in place, but partially removed along with the Municipal Garage (Site 9e) demolition and soil removal during 2007.	X	RAC [DOES NOT REQUIRE NFRAP]	NOAA
58	NTPA	Tract 50 Foundation DRO Combine Shop UST	X			X					X		Residual soil contaminated with DRO remains beneath the east end of the Combine Shop by former UST and at the water table; Tract 50 soils at the water table exceed Method Two cleanup levels for DRO. Tract 50 soils at the water table exceed Method Two cleanup level of 0.02 mg/kg for benzene, but not the 1991 level of 0.5 mg/kg. Groundwater with dissolved petroleum at Tract 50 foundation; long term groundwater monitoring (DRO contamination) using Site 13a wells until at least 2008 pending regulatory review; deed notice.		NFRAP 07/25/05 (Tract 50 Foundation DRO) NFRAP 11/30/05 (Combine Shop UST)	NOAA and TDX/TAC (site crosses two properties)
59	NTPA	Big Polovina Debris Stockpile		X								X			NFRAP 01/06/06	NOAA
60	NTPA	Lead Contaminated Soils				X							Lead-based paint abated; Duplex (parcel 6f) residual lead soil remains along southeast end of building 2ft+ bgs point of compliance; deed notice to future landowner of the Duplex; other two locations (Teacher House 101 and Teacher House 103) clean closed.		NFRAP 02/16/07	NOAA

Notes:

AST: Above ground storage tank

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BGS: Below ground surface
DRO: Diesel-range organics
FUDS: Formerly Used Defense Site
NFRAP: No Further Remedial Action Planned (received from State of Alaska Department of Environmental Conservation)
NMFS: National Marine Fisheries Service
NOAA: National Oceanic and Atmospheric Administration
NTPA: Non Two-Party Agreement site
PCS: Petroleum-contaminated soil
TAC: The Aleut Corporation (subsurface estate)
TDX: Tanadgusix Corporation (surface estate)
TPA: Two-Party Agreement
UST: Underground storage tank
CWMA: Critical Water Management Area