

Uncertainties for which sampling is not required.

No.	Uncertainty	Recommended Resolution	Type of information required	Requirements for information to achieve resolution	Responsibility for action/due date	Importance H, M, L
1	Does legal definition of withdrawn property match actual use?	Resolve survey information. If used area differs from that designated on MTP, transfer coordinated with F&W only.	Survey data from BLM public land order indicates three tracts. Does this match actual site development?		Jacobs in WP	M
2	What cleanup criteria would be acceptable to USFWS in order to recommend acceptance of relinquishment to BLM for unrestricted use	1) Find precedent 2) Promulgated requirements 3) Input from USFWS	1. Precedents 2. Policy memo?	Is ADEC process okay for determining cleanup values? Will USFW accept standards or is risk assessment are needed (human health/ecological)? General time, type, quantity and quality of data needed to characterize site? Physical structure	AF before WP	H

				<p>removal requirements?</p> <p>Does notation on withdrawn land transfer affect acceptance?</p> <p>What data is required from USFWS to determine that not beneficial to excavate into wetlands?</p>		
3	<p>For withdrawn areas within the prioritized selection area, what cleanup criteria will be acceptable for BLM for acceptable relinquishment to Native Corporation</p>	<p>Input from Corporation</p>		<p>Is ADEC process okay for determining cleanup values?</p> <p>Whether standards or risk assessment are needed (human health or ecological)</p> <p>Physical structure removal requirements?</p> <p>Potential Future land use</p>	AF	M
4	<p>If we don't clean up to standard needed by potential</p>	<p>If Corporation rejects, can go to USFWS If USFWS</p>	<p>Impact on AF if land not transferred</p>		AF	L

	future owner, what is land transfer resolution?	rejects, AF holds land				
5	AF requirements for cleanup levels	Sec AF AK policy letter Start dialogue with PACAF to discuss data needed to determine suitable alternative	Degree of impact if cleaning up to different levels	Cost differential between remedies Technical practicability.	Jacobs In FS	M
6	Does cleanup criteria above migration to GW require a legal notation?	Characterize impacts related to uncertainty Get resolution on notation requirements from ADEC	ADEC policy Additional costs to cleanup to migration to GW	Cost differential between remedies Technical practicability.	ADEC/AF	M
7	What does use of Method 3 invoke in terms of public participation?	Determine if use require public participation that prevents removals in same mob	State process is limited and will not affect ability to perform removals. Tribal corporation feedback still required. Level to be determined by ADEC (will find		ADEC before work plan	L

			out what requirements are). AF is not required to meet needs of Corporation with respect to cleanup.			
8	What is cost of land use controls, if needed Can land use controls really be implemented?	Make cost estimate more reflective of access to remote sites for monitoring				L
9	Is a site going to be considered CERCLA or not?	If do not include site in an RI and report as SSI, can be handled under POL	1) Determine CERCLA constituents are not present. 2) Determine statistical distribution not sufficient to indicate a CERCLA release based on risk. 3) CERCLA remedial action required that does not require additional mobs	Write a letter to EPA that states whether sites are not CERCLA.	During field activities	M

			4) CERCLA remedial action required			
10	SS002 – Not funded by restoration. How will funding for this site be handled? How will not addressing this site affect the closure strategy?				AF	M
15	For petroleum-only sites, does risk need to be assessed and demonstrated in order to execute cleanup (see 27Oct04, SAFIEE, Draft AFI32-7020 ERP 2.2.2.6)?				AF before field work	M
16	Arsenic in soil. Will As in soil be a PCOC at Driftwood Bay	State will have to discuss and make a judgment. Background				H

	site?	study for Unalaska Island should be provided to them to help with decision.				
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General Meeting Notes

Land Transfer Options

1) Transfer to BLM for pass thru to future land user

- Land under road and portion of pipeline held is right of way held by Notice of Record (44LD513) only and is directly transferable to F&W. Acceptability of cleanup needs to be coordinated with F&W. F&WS is the federal manager for coordination on clean-up but this land is selected, prioritized, and will be conveyed to the ANCSA corporations. Decisions and coordination for the cleanup should be coordinated with both F&WS (federal managing agency until the land is conveyed) and the ANCSA corporations who will receive title to the land and will determine future uses for the land. F&W may require some physical restoration if it can be done without further damage to site. BLM would play record keeping role. Conducted at State level.
- Withdrawn land (3 tracts) requires coordination with BLM, who will require concurrence from F&W. Secretarial (DOI) Public Land Order may be required to relieve USAF of responsibility for withdrawn land.
- Unalaska Corp has filed interest on bolded tracts on MTP. Village has selected, prioritized, and have existing entitlement on these tracts. Could select and receive all but withdrawn area (likely to happen by 2009 based on ANCSA Land Accelerations Act). Could not select and receive withdrawn federal military land under ANCSA. However, Unalaska has filed interest on withdrawn land. Legal mechanisms in place to facilitate transfer created by Land Accelerations Act. BLM would encourage this to prevent federal lands surrounded by public interest. Cannot transfer property with institutional controls under ANCSA but could reach agreement after that. Activities will occur thru BLM with concurrence from corporation, without USFWS involvement in land transfer. USFWS would likely require something in writing to confirm that Corporation would accept.
- Parcel 6 – Regional Aleut Corporation has filed interest. Do not know priority of selection and the Corporation has over selected. Likely this is F&W management. This site is not completely surrounded by federal land.

Cleanup goals

Some sites are CERCLA sites, some ADEC petroleum sites.

Criteria cannot not be zero. Definition of cleanup goals driven by future use of land. Cleanest standard is residential. On ecological side, driven by receptors on site and contaminants/pathways and is often extrapolated. Recommend propose to follow ADEC guidance since no other tool exists. F&W will participate in development.

DRO – no free product, no sheen. Standard not health related.

PCBs – 1 ppm for residential (does not include ecological but have achieved closure with this action level). Site specific risk assessment could come up with alternative value, but ADEC would require institutional controls (notation on deed) for anything above Method 2. Benefit of conducting risk assessment is that it carries more weight to buy more time in cleanup.

Options:

- 1) Risk based using plausible end use scenario with institutional controls
- 2) Method 2 whole site (varies based on presence of GW)
- 3) Alternative from future land user
- 4) Doughnut holing to give different action levels to certain areas

Likely program breakdown

POL Sites

- SS011 (combined with TU012)– Lighting Vault
- SS004 – AST (Building subsite GW issues and potential SW issues combined with needs from SS005)
- SS007- Tank Farm
- SS010 – Water Supply Well
- SS008 – Pipeline
- Heavy Equipment Area

Potential CERCLA sites

- SS002 – Landfill at Composite Building
- LF006 – Disposal Area
- WP003 – Outfall

- FL009 – Septic Tank
- OT001 – Composite Building
- SS004 – Drum Storage Area (Cr)

Battery Acid Pit – remove during SSI and if contamination left after removal, site moves to CERCLA

Closure Options

- Cleanup in one mob for unrestricted use acceptable relinquishment to USFWS/Native Corporation
- Determine further remedial action necessary for unrestricted use and acceptable relinquishment to USFWS or BLM/tribe Native Corporation
- No further RA w/some level of institutional controls - unlikely accepted by USFWS
- Remedial action necessary with institutional controls unlikely acceptable by USFWS

High Level Decision Framework –see attachment

Future Actions

X =Done

- 1) X Define data requirements for FS Alternatives analysis (CERCLA, POL only), including trigger for permanent well installations -ALL
- 2) Contact USFWS – SCOTT – will keep trying.
- 3) X Send out worksheets from this meeting to review. Review sites for consistent detail (don't need to do until the WP) - ALL
- 4) X Technologies and Logistics Discussion (Closure quality data, Characterization level data (risk assessment) - ALL
- 5) X (Will do) Site visit prior to proposal – SCOTT, JEFF, STEVE (FW?)
- 6) X (did not do) Delay proposal date and delink North River from Driftwood – NICK/ SCOTT
- 7) Check on data quality of historical VOC data and collection protocols used. Review diesel chromatograms – EARL
- 8) X Provide team with background metals data – STEVE
- 9) X Discuss data management and communications process – ALL
- 10) X Determine runway condition and access approval – STEVE, SCOTT
- 11) Contact Native Corporations – SCOTT, STEVE – Dave and Kym to provide ?s –will do after FW

- 12) What does AF want to do about sites not withdrawn under PLO – SCOTT/Legal – not need to do before field work
- 13) Determine how to fund addressing SS002 Compliance site – NICK – need to propose as a site as an option
- 14) X – Have no more options on research material. Consider additional research at Alaska Air Command - SCOTT
- 15) Find GPS coordinates for PA/SI locations- SCOTT
- 16) Draft memo to file to document those sites not considered CERCLA – SCOTT
- 17) Talk to Mark about performing removal of Battery Pile not under CERCLA (assume will pull our as site characterization) – JIM

Acronyms and Initialisms

ADEC	Alaska Department of Environmental Conservation
AF	Air Force
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
BLM	Bureau of Land Management
FS	Feasibility Study
MTP	Master Transfer Plan
SSI	Screening Site Investigation
USFWS	U.S. Fish and Wildlife Service
WP	Work Plan