

Please review all of the following information, including the gear allocations and field team information, to ensure accuracy. This plan is an agreement between VPR and your group, documenting the logistics support you will receive.

• Project Information •

Lead Principal Investigator	John Burkhart
Institute	University of California, Merced, School of Engineering
Project Title / Grant #	Inter-comparison of organic pollutant deposition and transport: NILU-GEOSummit collaborative research (NILU-Summit)
NSF Program and Manager	Intl - NILU, Mr. Simon Stephenson
VPR Project Manager	Sandra Starkweather

• Logistics Summary •

<p>This collaborative project between University of California, Merced, and the Norwegian Institute of Air Research (NILU) will study atmospheric transport mechanisms and the depositional fate of persistent pollutant compounds in the Arctic cryospheric environment.</p> <p>During the summer of 2006 field team members will set up their experiment and initiate a sampling program at Summit Station, Greenland. After station closing, science technicians will continue to deploy passive samplers on a monthly basis.</p> <p>In 2007, a team of up to 2 researchers will spend approximately 3 weeks at Summit Station collecting snow pit samples for comparison with compounds they are analyzing in the passive samplers.</p> <p>VPR will arrange for ANG transport for a team of three and their cargo between NY and Summit, pay for user days at Kangerlussuaq and Summit Station, and maintain project experiments year-round.</p>
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For the complete VPR online project record for this grant, including science objectives, go to:
http://www.vecopolar.com/arlss_reports/arlss_projectsdetail.asp?cbPropNum=NILU-Summit

For updated project schedule information, go to:
<http://spreadsheets.google.com/pub?key=pkARq0Udwd2E4fhHZsoXfSQ>

• Outstanding Issues •

Issue	Responsibility	Date Completed
Review support plan for accuracy and distribute to all field team members	PI	5/1/07
Obtain all necessary permits for fieldwork	PI	3/1/07
Visit all hyperlinks and review all documents referred to in the support plan	Field Team Members	
Contact the GEOSummit Science Coordination Office (SCO) mailto:sco@summitcamp.org regarding your project's plans for the season	PI	3/1/07
Medical Clearance completed 8-6 weeks before desired deployment date	1. Jensen 2. Burkhart	1. Paperwork submitted to NSF 2. Not yet completed
<i>Please note this important information for your field team:</i> Bring 2 different forms of picture ID. Passports are mandatory for entry into Greenland.	Field Team Members	

Complete Critical Success Factors	PI	5/1/07
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• Allocations & Services •

Allocations from Inventory

Quant/Unit	Item
1 ea	Arctic Oven sleep tent
2 ea	Sleep pads
1 ea	Banana sled
1 ea	250 ft. extension cord (being sent from Kanger)
1 ea	Core box for temporary sample storage

Other Services

Project Allocations	Comments
Heated laboratory space.	10m ² in the Satellite camp with 3m bench space work area, for melting and extracting snow samples.
Electrical service	A single receptacle 208VAC power source has been added to Sat Camp. The PI will supply a power strip for multiple services.
Science Technician Support	For passive samplers

• Location Information •

Please visit <http://www.vecopolar.com> and navigate to the Greenland menu for en route and location-specific Greenland information. Prior to deployment, your entire field team should be familiar with the content of the *Greenland Guide* and with the guidelines provided in the *Summit Users' Guide*. Both are available electronically via our web site's Greenland menu.

• Cargo and Customs •

All cargo required for your project should arrive in Scotia, NY, **no later than 2 weeks prior** to the desired northbound Air National Guard (ANG) flight, must be entered into our online Cargo Tracking System, and must be properly registered with Customs.

- ✓ For the most current ANG flight schedule go to <http://www.vecopolar.com> and navigate to Greenland > Calendars/Schedules.
- ✓ If you are a new user requiring access to the Cargo Tracking System, contact Jason Buenning, Jason@polarfield.com
- ✓ Customs instructions are available on our website at <http://www.vecopolar.com> (go to Greenland > Customs)
- ✓ For Customs requirements please refer to the *Greenland Guide*, also available at <http://www.vecopolar.com> under Greenland.

The following is our current understanding of your overall cargo requirements:

Cargo List

Items	Weight/Cube
Items shipped from vendors to Scotia: 4, 15-gallon plastic drums 1, parcel containing 50 poly bags (approx 5kg) 4L of methanol	
Approximate 3 sagas boxes 20kg ea (via Kanger)	

• Field Team Information •

Name	Location	Date In	Date Out	Email
Jensen, Thue Weel	Kanger -> CPH	6/18/2007	7/12/2007	thue@mr2ue.dk
Jensen, Thue Weel	Summit	6/20/2007	7/10/2007	
Burkhart, John	Kanger	8/6/2007	8/12/2007	iburkhart@ucmerced.edu
Burkhart, John	Summit	8/7/2007	8/9/2007	

• Project Contact Information •

Research Team

Role	Name	Email	Phone / Fax
Principal Investigator	John Burkhart	iburkhart@ucmerced.edu	47 96 82 50 11 (Norway) 1 209 658 7142 (USA, messages checked weekly)
Collaborator	Roland Kallenborn	roland.kallenborn@nilu.no	638 98237 / 638 98050
Collaborator	Andreas Stohl	ast@nilu.no	638 98035 / 638 98050

VPR Team Members

Contact for	Name	Email	Primary Phone(s)
Greenland operations	Jason Buenning	jason@polarfield.com	Denver: 303.748.8507 Greenland: 011.299.524218
Greenland operations	Mark Begnaud	mark@polarfield.com	Denver: 720.320.6160 Greenland: 011.299.524281
Summit operations	Sandy Starkweather	sandy@polarfield.com	Denver: 303.518.8714
Medical & MAS	Kyli Olson	kyli@polarfield.com	Denver: 303.489.2151
Denver operations	Jill Ferris	jill@polarfield.com	Denver: 720.320.6155
Scotia Operations & Customs	Earl Vaughn	earl.vaughn@gmail.com vprscotia@hughes.net	Scotia: 518.331.3103

VPR Offices

Denver	Kangerlussuaq	Scotia
VECO Polar Resources Western Office 8110 Shaffer Parkway Suite 150 Littleton, CO 80127 Tel: 303.984.1450/1439 Fax: 303.984.1445	VECO Polar Resources Attn: Name of Employee/Researcher Postboks 1015 DK-3910 Kangerlussuaq, Greenland Tel: 011.299.841598 Fax: 011.299.841599	Earl Vaughn C/O 109 th Aerial Port Bldg. 20 Stratton Air Base Scotia, NY 12302-9752 Tel: 518.331.3103 Fax: 518.334.2537

Summit Station

Winter	Summer
VECO Polar Resources Western Office Attn: Name of Employee/Researcher 8110 Shaffer Parkway Suite 150 Littleton, CO 80127 Tel: 303.984.1450/1439 Fax: 303.984.1445	VECO Polar Resources Attn: Name of Employee/Researcher - Summit Station C/O Earl Vaughn 109 th Aerial Port Bldg. 20 Stratton Air Base Scotia, NY 12302-9752 Tel: 518.331.3103 Fax: 518.334.2537

Other

Organization	Internet	Phone
Summit Science Coordination Office	http://www.geosummit.org sco@summitcamp.org	John Burkhart 47 96 82 50 11 (Norway) 1 209 658 7142 (USA, messages checked weekly)

• Safety, Environment, Health, and Permitting •

Permits

All science teams planning to conduct research in Greenland must complete an **annual application** in order to obtain approval from the Danish Polar Center (DPC). The application forms are available from the DPC at <http://www.dpc.dk>. Applications are submitted directly through the DPC, rather than through the U.S. State Department. For assistance with the application process, contact:
Poul Henrik Sorensen
E-mail: phs@dpc.dk
Telephone: +45 3288 0100

Medical Clearance

Arctic Program participants traveling into the Greenland field are generally required to pass a National Science Foundation (NSF) mandated physical exam. All field team members should plan to complete their medical clearance process 8-6 weeks prior to their travel to Greenland. For more information refer to VPR's *Greenland Guide*, available at <http://www.vecopolar.com> under Greenland.

• Critical Success Factors •

Please list the factors that are most important for the success of your science. We track these factors in order to measure the success of VPR's support. Examples might be the availability of the helicopter or camp gear.

Factors
Heated laboratory space at Sat Camp
208VAC at Sat Camp
Clean Air Science protocols followed

• Government Performance and Reporting Act of 1993 (GPRA) •

NSF/OPP requires your help in complying with the Government Performance and Reporting Act of 1993 (GPRA). One measure of VPR's performance is a "facility-performance metric" which counts the number of productive days your project has in the field while relying on VPR facilities or support. Please keep track of any "lost days" and report these to us at the end of the season.