

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

## • Project Information •

<b>Lead Principal Investigator</b>	Deanna Kingston
<b>Institute</b>	Oregon State University, Department of Anthropology
<b>Project Title / Grant #</b>	Documenting the Cultural Geography, Biogeography, and Traditional Ecological Knowledge (TEK) of King Island, Alaska (0328234)
<b>NSF Program and Manager</b>	NSF/OPP ASS, Anna Kerttula
<b>VPR Project Manager</b>	Marin Kuizenga and Jill Ferris

## • Logistics Summary •

<p>The investigators will work in collaboration with the King Island community for this interdisciplinary Traditional Ecological Study of King Island, Alaska.</p> <p>During 2005 and 2006, a contingent of researchers and King Island community members will travel to King Island for a two-week field campaign. During those two weeks they will conduct a review of flora and fauna, as well as record place names, stories, subsistence activities, and archaeological sites.</p> <p>VPR will support the project with air and charter vessel support for accessing the island, basic camp support on King Island and at Cape Woolley, and communications support.</p>
--

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=0328234](http://www.vecopolar.com/arlss_reports/arlss_projectsdetail.asp?cbPropNum=0328234)

## • Outstanding Issues - Researchers •

Issue	Responsibility	Date Completed
Work with elders to develop a list of elders who will be participating on King Island. The following recommendations were made on an 11/29/05 call: <ol style="list-style-type: none"> <li>All participants have specific assignments while on King Island, and that those who are invited are experts in their area.</li> <li>Participants will be identified in advance. Deanna will identify any special needs they may have.</li> <li>All participants going to King Island should be able to "walk on flat ground unassisted".</li> </ol>	Deanna	
Develop list of researchers going to King Island. Assuming 20 slots total, this will allow one EMT, and 20 positions for researchers or elders. Of the 20, one may be a filmmaker - additional power needs?	Deanna	May 5, 2006
Manifest specific people for specific days – Tom will develop schedule.	Deanna	
Provide food list to VPR for Cape Woolley. VPR will plan on 8 people from June 5-10, and from June 10-25, 5 at camp. VPR understands the need for hospitality. Please provide appropriate list of guest snacks – and allocate appropriately. There will be one resupply.	Jesse	In process
Provide VPR with a list of popular meals & food items for King Island.	Deanna	
Have a POC for Cape Woolley and King Island operations.	Researchers	

Note – Not enough room for third Western Shelter on King Island – only 2 ea 20’ tents.	Note	
Note – No cots on King Island. We will provide bigger mats.	Note	
We will not provide berthing for researchers at Cape Woolley – Reallocate one of the three weatherports as berthing, if needed.	Note	

• Outstanding Issues – VPR •

Issue	Responsibility	Date Completed
Req for Nome cell	Marin	May 10, 2006
Req for Crowley for diesel/kerosene	Marin	
Ask John to put 2ea LPG + Coleman fuel stoves at Cape Woolley		
Ship 2 ea cs med gear to Fairbanks	RMI	
Lodging for RMI in Nome, June 6-28	Marin	
Assist with helo ops, general safety, check-ins/out. Evaluate camp ops? Discuss nature of camp, Native-owned island with RMI.	RMI	
Review outbrief & end of season report for issues and report changes in PP	Marin	
Review PP with John – 4 hour min; pickup two trucks May 25; fly earlier – no rooms after 6/8.	Marin	
Ask Roy about Iridium pager for Tom in Nome	Marin/Roy	April 28, 2006
Review water filtration system; review comms in Fairbanks	John A	
Marin/Matt do haz certification for air travel – see appendix. Avoid butane lighters, strike-anywhere matches.	Marin/Matt	
Marin to Nome? Retro helmets [4ea to FAI for Pavlis], do a presentation on what to expect, turnover with Tom. Arrange room.	Marin	
Send gas card to John Allgood.	Marin	Ordered 4/26
Ship Geoblock to Adem in Nome, in advance?	Marin/Matt	
Req for Beech 1900 for cargo	Marin	May 8, 2006
Create a letter for participants – gear limit – two bags, no weight or size? Food – We will be unable to accommodate for any special diet requirement or restrictions. If anyone has food items that they cannot live without then they will need to BYO. Discuss with John and add camp hours and a night shift person. Send to Community Coordinators in advance.	Marin/Tom	
Adjust return reservations – current reservations show VPR staff in Nome for the 24 <sup>th</sup> of June, not the 26 <sup>th</sup> . Adjust for Chuck.	Marin/Tom	
Send org chart, for staff.	Marin	
Matt orders camp gear including bomber base-camp tents, bags and thick mats.	Matt	April 1, 2006
Send out hooks for drying gear on Western Shelters.	John	
<b>Bob Shaw Note</b> – “A 12’ ladder would have to go out with a sling load of gear. It is possible we might be able to attach it to the skid gear, but I would rather not as it could interfere with float deployment. The other option would be removal of the cargo doors and extending 4’ of the ladder out the back of the cargo compartment.” Eric, Evergreen	<b>Note</b>	
Provide Bob Shaw 12’ ladder and plywood for his work.	John Allgood	

At Cape Woolley, put the tents between the structures. Jay will draw up a diagram.	Jay	
At Cape Woolley, for potable water, provide extra fuel, water-carrying jugs, and a Katadyn-expedition filter with extra cartridges. No store bought water.	John	
People were concerned about the trails and tundra damage up top = want lots of geoblock. I've asked Matt to diagram where he thinks we should have the geoblock.	John/Matt Ganley	
Note – Evergreen will pursue the KINC permit for fueling at Cape Woolley, and will plan on using the location 3 miles from the lagoon.	Note	
Hire Remote Medical International EMT with high angle rescue experience. <a href="http://www.remotemedical.com/">http://www.remotemedical.com/</a>	Marin/Jill	
Arrange teleconference with Tom, Marin, Roy and Matt G to troubleshoot 2005 comms. Provide comms gear in advance. Jeremiah aka “Gooley” will be the POC at Cape Woolley.	Marin	March 22, 2006
Discuss with VPR team Risk Assessment – Jay, John, Jill, Marin, Tom and Deanna. Run by Charlene.	Marin	April 24, 2006
Hire Adem Boeckman for work via RTX.	Jay	May 1, 2006
Contract for boat work	Marin	To Jan 3/15/06
Return to OME from FAI, from 2005: <ul style="list-style-type: none"> <li>• 2 Western Shelter outhouse wall blankets without a frame – both were put inside one bag</li> <li>• 15 each Trango 3.1 mountain tents</li> <li>• 1 each 20' Western Shelter - all blankets but no frame pieces in a storage bag</li> <li>• 1 blue duffel bag with 2 sleeping bags and one pad</li> <li>• 1 blue duffel bag with 4 sleeping bags</li> <li>• 2kw Honda?</li> </ul>	Matt and Marin	
All retro by air – slinging waste with Supersacks would work. Use a burn barrel on island for trash.	VPR	
John works from home – keep track of hours, develop a list of needs – food, fuel water, etc.	VPR	
Additional truck days added to budget	Diana	5/5/2006
Discuss when other VPR staff to Nome for repair, cargo return, and final inventory. Hire additional person? Possibly Matt Irinaga works with Adem for week (Jay/Marin/Naomi joins?), then Adem and someone finishes project. Marin may go in May 29 <sup>th</sup> for one week?	VPR	
Letter to Nome Police (see Roy's 2005 letter)?	Roy	
Review helmets in Nome. Keep 6ea and send remaining (2-4?) back to Fairbanks for use with Pavlis.	John/Marin	

**VPR Purchasing**

QTY	Item	Action	
1 ea	Whiteboard and pens for KI safety checkouts	Fairbanks	
1 cs	Earplugs – split up for CW and KI	Fairbanks	
1 ea	Nome cell phone	Tom	
4 ea	Purchase stand-alone kerosene heaters	Matt	
5 ea	Purchase CO detector	Matt	
4 ea	Traffic cones with method of anchoring	Matt/John	
10 ea	Purchase camp chairs	Matt	4/12/06
4 ea	Battery powered strobe lights	Marin	3/30/06
14 ea	Purchase or from inventory, mtn tents and ground cloth.	Matt	4/12/06

7 ea	Purchase heavy duty two-person tents	Matt	4/18/06
26 ea	Purchase or from inventory 10 degree bags and pads	Matt	4/18/06
1 ea	Purchase UV Water purifier	Jay	4/1/06
QTY	Purchase new Weatherport blankets	Jay	4/1/06
QTY	Jet Dock extension	Jay	4/1/06
700 ea	Brief Relief bags for King Island	Marin/Matt	4/10/06
72 ea	Geoblock sent to Fairbanks	Jay/Chico	5/1/06
TBD	Supersacks for waste retro	Marin	
TBD	Purchase bales of straw and plastic sheeting for tents	John	
1 ea	12' ladder and plywood for Bob Shaw	John	
12 ea	½" CDX plywood in Nome	John	
QTY	Tables	John	
QTY	Rope and rebar	John	
TBD	Purchase lighting for Cape Woolley	Jay/John	
NA	Req set-up with "Moonlight suck and shine"	Marin/John	4/12/06

Note: Text highlighted in yellow indicates items still in process.

• Allocations & Services •

**King Island**

VPR will provide a camp exclusively on the top of King Island for two weeks in June of 2006. Having all of the participants living on top of the island is the best way to manage resources such as water, LPG, and waste facilities. This site will be used to house researchers, King Islanders working on this project, and VPR staff. Up to twenty people can be housed at this site at any given time.

VPR will provide two yurt-style tents, for cooking and camp facilities and for research needs. Heaters will be provided for both Western Shelters – not LPG as last year. VPR will also provide mountain tents, sleeping bags and pads for sleeping accommodations, for all participants.

In addition to camp support staff, VPR will provide a camp cook and all food and water for those living on the island top. VPR will set out food for breakfast, and provide simple hot meals for lunch and dinner.

Three outhouses will be as last year with the Brief Relief pouches.

**Cape Woolley**

VPR will provide a tent camp as last year, for up to 7 researchers, but located across the lagoon on the beach side. Building materials will be ferried across the lagoon by hand, boat and/or four-wheeler. This site will likely preclude the use of the Firefly power system so power may be available only with a small gasoline generator. Smaller items including personal gear, food and water will need to be carried – which will require everyone’s assistance. Weatherports [1ea 8’ x 20’, 1 ea 8’ x 15’ and 1 ea 12’ x 16’] and heaters will be provided. Cooking will be via Coleman stoves. A pumpable outhouse will be provided across the lagoon as last year. When on the beach side, facilities will be as local’s use.

There will be no VPR staff stationed at Cape Woolley. VPR will not provide individual berthing tents for Cape Woolley, though the weatherports may be used this way. No refrigeration or range-top will be available in this year’s camp due to the cross-lagoon location.

NOTE – VPR will provide researcher’s food (up to 7 people) at Cape Woolley. Resupply will be available once per week. Other items are researchers responsibility and cost.

**Nome**

VPR will provide a Nome-based helicopter coordinator to help facilitate operations. Tom Quinn will direct helicopter operations, assist with resupply and troubleshoot any problems that arise during the camp periods.

**Draft allocations from VECO Polar Resources Inventory – King Island**

Quant/Unit	Item
2 ea	Western Shelter tents 20'
2 ea	Kerosene heaters
7 ea	Heavy-duty, two person tents for elders (Housing up to 14 elders)
14 ea	Mountain Hardwear tents for upper camp, including ground tarps (Housing up to 14 researchers and staff, plus spares)
26 ea	10 degree sleeping bags
26 ea	Thick sleeping mats
2 ea	30 gallon drums for fox-proof food storage
2 ea	3kw/2kw Honda generator(s)
1 ea	Water filtration system
QTY	5-gallon water buckets
QTY	Generator fuel
QTY	Tables and chairs
3 ea	2 ea bulk LP Coleman stoves and 1ea Coleman fuel stove, 2 burner
Qty	Propane
1 ea	Cook kit
3 ea	Outhouse tents
4 ea	Satellite phones – 1 base station, 2 researchers (minimum), 1 general use
1 ea	20' antenna mast for Iridium with external antenna
1 ea	Data kit
6 ea	VHF radios (some with marine band) minimum, 9 desired – 3 teams, 1 village, 1 VPR
1 ea	VHF base station with marine band channels (probable)
1 ea	Iridium cradle for battery charging
2 ea	Air to ground radio
360 ea	User days of camp food
2 ea	PUR or Katadyn filters for back-up
QTY	Potable water – 2 gallons per person per day
1 ea	Burn barrel
QTY	Supersacks for hauling/slinging

**Draft allocations from VECO Polar Resources Inventory – Cape Woolley**

Quant/Unit	Item
3 ea	Tent cabins to accommodate 7 researchers – including a 12x16, 8x15, & 8x20 structure
2 ea	Kerosene heaters
1 ea	1kw Honda generator
QTY	Fuel
QTY	Tables and chairs
QTY	Coolers
2 ea	1ea bulk LP Coleman stove and 1ea Coleman fuel stove, 2 burner
QTY	Propane
1 ea	Cook kit
1 ea	Outhouse
3 ea	Satellite phones – 1 for Nome VPR, 1 Tom Quinn, 1 base station with external antenna
1 ea	Iridium pager, Tom Quinn
1 ea	Speaker phone
2 ea	30-gallon bear-proof food containers
QTY	User days of camp food
QTY	Potable water

- For more information on satellite phones, radios, manuals and other field communications support, please visit the VPR communications website at <http://vpr.sri.com>.

**Air Support**

Type	Comment
BO-105	All cargo, VPR staff, researchers and King Islanders to and from Island with Evergreen Helicopter's BO-105.
Beech 1900	Cargo flight from FAI>OME

**Flight Schedule for BO-105**

Date	Tasking	Passengers
May 30 <sup>th</sup> to June 8 <sup>th</sup>	Flights of opportunity to King Island for camp and construction gear. OME>CW>multiple shuttles>OME	Work to optimize dates as we will be paying a four-hour minimum per calendar day.
Wednesdays	Flight to Diomedea May 31, June 7, 14, 21, 28	Aircraft unavailable
June 8 <sup>th</sup>	VPR to Island via helicopter.	John, Rae, Buck, Ander
June 8 <sup>th</sup>	Bob Shaw to KI	NEW
TBD	Crew to fix stairs?	TBD
June 10 <sup>th</sup>	Researchers and community members to Island from Cape Woolley.	20 persons = 5 trips
June 11 <sup>th</sup>	Researchers and community members to Island from Cape Woolley.	Remaining people and personal gear to KI.
June 17 <sup>th</sup>	Switch out community members, shuttling from Cape Woolley	Up to three rt flights for 12 people
June 24 <sup>th</sup>	Pull out from King Island begins. Sling some waste and gear off. OME>CW>multiple shuttles>OME	One flight for Bob Shaw
June 26 <sup>th</sup>	VPR staff off of King Island.	John, Rae, Buck, Ander

- Note – VPR is hoping to use the end of the road/turnaround as the helicopter pad at Cape Woolley. Fuel will need to be staged at this location.
- Note – VPR “spent” on the BO-105, 5.4 hours on VPR put-in, 4.3 hours on the swap, and 8.2 hours on the take-out in 2005.

**Approximate flight times – based on actual flights 2004 & 2005**

Type	Time 10ths*	Minutes
Nome> Cape Woolley ow	0.5	30
Nome > King Island ow	1.4	84
Cape Woolley > King Island ow	0.6	30

\*One tenth = 6 minutes

**Schedule**

Date	Tasking
May 17	John Allgood to Fairbanks
May 25 <sup>th</sup>	Rae to Fairbanks to shop and prep kitchen
May 25 <sup>th</sup>	John Allgood and two crew members arrive Nome. Pick-up two trucks.
May 30 <sup>th</sup>	15 passenger van rental starts
May 30 <sup>th</sup> to June 3 <sup>rd</sup>	Cape Woolley set up by VPR
May 30 <sup>th</sup> to June 8 <sup>th</sup>	Flights of opportunity to King Island for camp and construction gear.
May 31 <sup>st</sup> to June 1 <sup>st</sup>	Researchers arrive Nome – “Work in Nome doing an assessment of what was gathered last year and what needs to be done this year...”
June 2 <sup>nd</sup>	Cargo + Rae flies to Nome
June 4 <sup>th</sup> -8 <sup>th</sup>	Marin to Nome?
June 5 <sup>th</sup>	Researchers move to Woolley Lagoon. “...training of kids; discussion of who will do what when (i.e. the plan for King Island) – acclimate to the different rhythm of

	camp/King Island.”
June 6 <sup>th</sup>	Steve Costello, RMI paramedic, to Nome.
June 6 <sup>th</sup>	Tom Quinn to Nome
June 7 <sup>th</sup>	Intro meeting at Cape Woolley – for all participants to meet camp staff.
June 8 <sup>th</sup>	Teddy Mayac and Bob Shaw to KI with all gear including plywood and 6’>12’ ladder.
June 8 <sup>th</sup>	VPR to Island via helicopter. Fly earlier in weather and work allow. Paramedic in with 2ea cs gear @ ~75# each.
June 10 <sup>th</sup>	First researchers and community members to Island via helicopter.
June 10-23 <sup>rd</sup>	Elders and researchers on King Island for two weeks. 14 days planned, regardless of actual put-in.
June 17 <sup>th</sup>	Up to three rt flights (12 people) from Woolley to switch out community members. Cape Woolley to Nome is ~00:25 min flight.
June 14-21 <sup>st</sup>	Boat available
June 24 <sup>th</sup>	Pull out from King Island begins. Sling some waste and gear off. Bob Shaw off.
June 26 <sup>th</sup>	VPR staff off of King Island.
June 27 <sup>th</sup> to 29 <sup>th</sup>	Cape Woolley pull out begins. All return to Nome for final week work.
June 28 <sup>th</sup>	Tom Quinn leaves Nome
July 1 <sup>st</sup>	Cargo flight to Fairbanks. [Erik works on gear in Fairbanks.]
July 3 <sup>rd</sup>	VPR crew leaves Nome
August	Matt and Jay to Nome for final clean up & inventory.

**Boat Support**

Type	Date	Comment
42’ foot boat	June 14-21 <sup>st</sup>	The 42’ <i>Anchor Point</i> will be chartered for one week, for one or two “day” trips to King Island for those not on the island, shuttling from Cape Woolley, as well as for around-island documentation. The 22’ <i>Melissa Ann</i> will be used to shuttle between shores.

**Truck Support**

Pick Up	Drop Off	# Days	Comment
May 30 <sup>th</sup>	June 30 <sup>th</sup>	31	Van for researchers
May 25 <sup>nd</sup>	July 1 <sup>st</sup>	37	Truck for VPR KI Manager
May 25 <sup>nd</sup>	June 27 <sup>th</sup>	33	Truck for VPR construction

For the duration of your VPR-provided truck rental, you are covered by VPR automobile insurance. Please carry a copy of the following information with you. **If you are involved in an accident, please take photos and contact the Alaska Logistics Manager.**

**Name Insured:**

VECO Corporation  
 6411 A Street  
 Anchorage, AK 99518  
 Employers Insurance of Wausau #2322-00-065645  
 (907) 562-2266

**Producer:**

Marsh USA Inc.  
 1031 West 4<sup>th</sup> Street  
 Anchorage, AK 99501  
 907.276.5617  
 Policy - #BAP534531800

*This statement is issued for information purpose only and subject to terms, exclusions, and conditions of such policy.*

## • Field Participants •

See Appendix Two for community participant list.

### Researchers based at Cape Woolley\*

Name	Approximate Date In	Approximate Date Out
Jon Butske	June 5 <sup>th</sup>	June 25 <sup>th</sup>
Jon's assistant?	June 5 <sup>th</sup>	June 25 <sup>th</sup>
Matt Ganley	Will stay in OME	
Kai Henifin	June 5 <sup>th</sup>	June 25 <sup>th</sup>
Larry Kaplan	June 5 <sup>th</sup>	June 25 <sup>th</sup>
Kim Nelson	June 5 <sup>th</sup>	June 25 <sup>th</sup>
Deanna Kingston	Will stay with community	
Jesse Ford	June 5 <sup>th</sup>	June 25 <sup>th</sup>
Ken Pratt	June 5 <sup>th</sup>	June 25 <sup>th</sup>
Renee Roman Nose	June 5 <sup>th</sup>	June 25 <sup>th</sup>
Cat Osborne-Gowey	June 5 <sup>th</sup>	June 18
Jeremiah Osborne-Gowey aka Gooley	June 5 <sup>th</sup>	June 18

\*Between June 10<sup>th</sup> and June 24<sup>th</sup>, many participants will be on King Island for some period of time.

\*From Deanna 4/21, "Matt and Jon (and/or Jon's assistant) will be on the island for the full two weeks. Larry and I will each spend a week (he'll go first and then me), Ken will only be on the island the second week, Kim and Jesse will each stay one week, Renee probably won't get to camp until the second week of June (if she is able to join us) and Cat and Gooley leave the second week (June 18)."

### Researchers based on King Island

Name	Approximate Date In	Approximate Date Out
Jon Butske	June 10th	June 24 <sup>th</sup>
Matt Ganley	June 10th	June 24 <sup>th</sup>
Kai Henifin	One week total	
Larry Kaplan	One week total	
Kim Nelson	One week total	
Deanna Kingston	One week total	
Jesse Ford	One week total	
Ken Pratt	One week total	
Renee Roman Nose	One week total	
Bob Shaw <a href="mailto:shaw@alaska.net">shaw@alaska.net</a> 345.5416	June 8 <sup>th</sup>	June 24 <sup>th</sup>

### VPR Crew \*

Name	Approximate Date In	Approximate Date Out
Allgood, John	May 25 <sup>th</sup>	July 3 <sup>rd</sup>
Spain, Rae	June 3 <sup>rd</sup>	July 3 <sup>rd</sup>
Thebaud, Ander	May 25 <sup>th</sup>	July 3 <sup>rd</sup>
Spidel, Chuck	May 25 <sup>th</sup>	July 3 <sup>rd</sup>
Quinn, Tom	June 7 <sup>th</sup>	June 28 <sup>th</sup>
Boeckmen, Adem	TBD	

\*Total field dates – includes some time in Nome, at Cape Woolley and on King Island.

### Medical Crew

Name	Approximate Date In	Approximate Date Out
Steve Costello, RMI, paramedic	June 6 <sup>th</sup>	June 28 <sup>th</sup>

• Project Contact Information •

**Research Team**

Role	Name	Email	Phone / Fax
Principal Investigator	Deanna Kingston	<a href="mailto:deanna.kingston@orst.edu">deanna.kingston@orst.edu</a>	541-737-3854/541-737-3650
Co-PI	Jesse Ford	<a href="mailto:fordj@ucs.orst.edu">fordj@ucs.orst.edu</a>	541-737-1960/541-737-1980
Co-PI	Matt Ganley	<a href="mailto:mlganley@yahoo.com">mlganley@yahoo.com</a>	(907) 632-7197
Investigator	Kim Nelson	<a href="mailto:kim.nelson@oregonstate.edu">kim.nelson@oregonstate.edu</a>	
Nome Coordinator	Jeremiah Osborne-Gowey		

**Community Contacts**

Role	Name	Email	Phone
King Island Native Community Coordinator	Nolee Sebwenna	<a href="mailto:nsebwenna@yahoo.com">nsebwenna@yahoo.com</a>	907-443-2516
KINC Community Coordinator	Jimmy Carlisle	<a href="mailto:kingisland99762@hotmail.com">kingisland99762@hotmail.com</a>	

**Gear Shipping Address**

All communication gear should be sent to the Fairbanks office by May 1, 2006.

**VPR Team Members**

Contact for	Name	Email	Primary Phone(s)
Alaska operations	Marin Kuizenga	<a href="mailto:marin@polarfield.com">marin@polarfield.com</a>	Fairbanks: 907.590.0755
Alaska operations	Naomi Whitty	<a href="mailto:naomi@polarfield.com">naomi@polarfield.com</a>	Fairbanks: 907.590.3954
Alaska operations	Matt Irinaga	<a href="mailto:matt@polarfield.com">matt@polarfield.com</a>	Fairbanks: 907.978.0564
Alaska construction	Jay Burnside	<a href="mailto:jay@polarfield.com">jay@polarfield.com</a>	Denver: 720.320.6158
Nome field coordination	Tom Quinn	<a href="mailto:tom@polarfield.com">tom@polarfield.com</a>	Denver: 303.883.8152 Nome cell: 466.0497 <b>Iridium: TBD</b> <i>If calling iridium from US land line, dial 480.768.2500 &amp; follow prompts</i>
King Island Manager	John Algood	<a href="mailto:goodallyear@acadia.net">goodallyear@acadia.net</a>	
Sat phones & comms	Roy Stehle	<a href="mailto:roy.stehle@sri.com">roy.stehle@sri.com</a>	Menlo Park: 650.859.2552
MAS	Jason Buenning	<a href="mailto:jason@polarfield.com">jason@polarfield.com</a>	Denver: 303.638.6669
Denver operations	Jill Ferris	<a href="mailto:jill@polarfield.com">jill@polarfield.com</a>	Denver: 720.320.6155

**VPR Offices**

Denver	Fairbanks
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 Alaska Office 2325 King Road Fairbanks, AK 99709 Tel: 907.455.4214 Fax: 907.455.4126

**Other**

Organization	Internet	Phone
Aurora Inn/ Stampede Ventures PO. Box 1008 Nome, AK. 99762	None	907.443.3838 907.443.6380

**Emergency Contacts**

Contact	Name	Phone/Fax
USCG Maritime District 17	Anyone who answers – office is staffed 24/7	Juneau: 907.463.2001/907.463.2023
Chief of Police	Craig Moates	Nome: 907.443.5262
Evergreen Helicopters	Eric Pentilla	Nome: 907.443.5334

• Safety, Environment, Health, and Permitting •

**Risk Assessment**

Risk	Mitigation
Air support coordination	<ul style="list-style-type: none"> <li>Tom Quinn provides a manifest for daily operations</li> </ul>
Hazardous shipment to KI	<ul style="list-style-type: none"> <li>Marin and Matt do paperwork.</li> </ul>
General King Island safety	<ul style="list-style-type: none"> <li>VPR recommends a grant/local person be a coordinator for check-in, check-out. Message board for people to leave footplan on, hung in cafeteria tent.</li> <li>Only able-bodied participants</li> <li>Store food in fox-proof boxes</li> </ul>
Food issues/concerns	<ul style="list-style-type: none"> <li>Deanna provides list of food preferences for elders</li> <li>Jesse provides a menu for Cape Woolley</li> <li>“We will be unable to accommodate for any special diet requirement or restrictions. If anyone has food items that they cannot live without then they will need to BYO.” JA</li> </ul>
Water – availability, potable?	<ul style="list-style-type: none"> <li>On King Island provide 2 gallons per person per day via filter. Test system in Fairbanks.</li> <li>Purchase start up water for camp in Nome.</li> <li>At Cape Woolley, provide water filtration and jerry cans.</li> </ul>
Safety - including weather, accidents, waste handling, etc.	<ul style="list-style-type: none"> <li>Hire EMT again</li> <li>Have appropriate numbers to contact in case of an emergency</li> <li>Post procedures and phone numbers.</li> <li>Discuss safety concerns as a research team including plan of action for all situations.</li> <li>ID anyone with health concerns/allergies.</li> <li>Have people provide a health statement.</li> </ul>
Equipment failure	<ul style="list-style-type: none"> <li>Provide back-up generator</li> <li>Provide back-up tents in case of destruction of one/several</li> <li>Redundant communications – multiple sat phones</li> </ul>
Overflow of people – additional visitors to King Island or at Cape?	<ul style="list-style-type: none"> <li>Have enough poop bags and food for visitors</li> <li>Provide hospitality foods and coffee</li> </ul>
Issues with Rogoff-Rubenstein group?	<ul style="list-style-type: none"> <li>All camp resources on the top. No sharing envisioned.</li> </ul>
Issues with computers	<ul style="list-style-type: none"> <li>Researchers need training on their own computers.</li> <li>VPR will not provide laptops in 2006.</li> </ul>
Boat issues	<ul style="list-style-type: none"> <li>Safety issues with people landing on shore for day trips – larger jet dock this year.</li> <li>Participants will need to assist each other in walking up the beach boulders, and up trails.</li> </ul>
Lodging in Nome	<ul style="list-style-type: none"> <li>Send staff to KI as soon as work in Nome is complete.</li> </ul>
Safe helicopter operations – King Island	<ul style="list-style-type: none"> <li>Changes this year for helo ops – Rae as advisor, mark a specific pad, farther from rocks, four strobes to mark the corners of the pad.</li> <li>Work with Rae and Tom to develop rules for helo ops. Assure people</li> </ul>

	<p>aren't moving too fast, etc. add to participant letter.</p> <ul style="list-style-type: none"> <li>• Discuss with pilot and participants safe operations around helicopters</li> <li>• Provide earplugs</li> <li>• Rae/John does safety briefing on Island. Loadmaster stuff. Don't load gear.</li> <li>• Get 4 cones for designated. Mount on Geoblock.</li> </ul>
Safe helicopter operations – Cape Woolley	<ul style="list-style-type: none"> <li>• Use upper pad, not road turn-around</li> </ul>
Safe helicopter operations	<ul style="list-style-type: none"> <li>• VPR provide helmets for use.</li> <li>• Evergreen will provide survival suits, as needed</li> </ul>
Gear	<ul style="list-style-type: none"> <li>• Assure not to much stuff on to island = add expectations to "Dear Participants letter"</li> <li>• <b>Limit of 50# per person.</b></li> </ul>
Bad weather and a non dedicated helicopter	<ul style="list-style-type: none"> <li>• People will have to be patient – work at Cape Woolley</li> <li>• Have adequate emergency food and fuel for KI camp</li> </ul>

• Critical Success Factors •

Please list the support 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.

<p><b>Factors</b> – <i>The factors were developed in 2005 but were chosen to use again in 2006.</i></p> <p>Having enough time apart from organizational and logistical concerns to actually complete the work is no. 1. Transportation is important but not as important as are communications. Communications are important, but not as important as camp support (food/water and dry shelter).</p> <p>People get on and off the island successfully and without incident. If medevac happens, procedure is smooth and people are stabilized well and quickly; transport to emergency facility as quick as possible WP.</p> <p>People at both CW and KI have enough to eat and enough water for all reasonable needs.</p> <p>Shelter is adequate for all NSF-transported people.</p> <p>Scientists have their power needs met at both KI and CW.</p> <p>Telecommunications between KI and CW are satisfactory.</p> <p>Community members feel supported by NSF project staff (including VPR and scientists).</p> <p>Waste is handled to the community's satisfaction at both CW and KI.</p> <p>Sanitation is handled to the community's satisfaction at both CW and KI.</p> <p>Helicopter/fueling is handled to community's satisfaction at both CW and KI.</p> <p>Base camp at CW handled to community's satisfaction and at KI to their satisfaction as much as possible considering that elders wish that we would all stay in the village.</p> <p>Communications regarding transport (chopper and boat) clear and timely enough that people can get to where they need to be by when they need to be there</p> <p>Final cleanup at KI and CW to the community's satisfaction.</p>
---

• 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.

## • Appendices •

**Appendix One**

Hazardous materials to be shipped:

1. **Kerosene** - Based on a 10000 BTU/Hr. heater with a tank size of 1.24 gallons and heating hrs./fill of 16-24 Hrs. 0.62 gals. = 8 Hrs./ day x 14 days = 8.68 gallons/ heater:
  - a. 20 gals. kerosene / KI
  - b. 20 gals. kerosene / CW
2. **2 ea kerosene heaters each for KI and CW**
3. **Coleman stoves**
  - a. CW will have 1ea bulk LP Coleman stove and 1ea Coleman fuel stove.
  - b. KI will have 2 ea bulk LP Coleman stoves and 1ea Coleman fuel stove.
4. **Propane** - We have 2ea 30# tanks and 1ea 50# tank in Nome. Last year we used 1ea 50# tank and most of a 30# tank on KI.
  - a. Purchase/rent 2 ea 50# tanks
  - b. 2ea 50# tanks and 1ea 30# tank LPG for KI. Ship CAO.
  - c. 1ea 50# tank and 1ea 30# tank for CW.
  - d. **Note – increase amount due to 2 LPG stoves at Woolley**
5. **2ea cases of Coleman fuel**
  - a. 1 case=6 gals. for KI
  - b. 1 case=6 gals. for CW
6. **QTY gensets for King Island**
7. **QTY fire extinguishers for King Island**
8. **Gasoline** - Last year we used less then 5 gals. of gas to power the 2-KW generator on KI.
  - a. 10 gallons gasoline for KI
  - b. 5 gallons gasoline for CW
9. **Matches**
  - a. 3 barbecue lighters per camp
  - b. 3 boxes kitchen box matches per camp

Note - All gas and propane from Bonanza Express Fuel & Convenience Store – Use Tesoro card to charge it.

## Appendix Two – Participants, from DK letter, May 6, 2006

### Community Members

1. Marie Saclamana – 2 weeks
2. Teddy Mayac – 2 weeks

### All one week

1. Frances Muktoyuk
2. Vince Pikonganna
3. Francis Alvanna
4. Hubert Kokuluk
5. Earl Mayac
6. Gus Kasgnoc
7. Bridget Brush (Alurac)
8. Becky Amarok
9. Olga Kingston
10. Mary Dillard
11. Bertha Herzner
12. Jimmy Carlisle
13. Nolee Sebwenna
14. Stanley Seeganna
15. Grace Penatac Bouse
16. Johanna Kane
17. Rudy Muktoyuk Ojanen
18. Mary (Aleta) Pushruk
19. John Kokuluk
20. John Saclamana
21. Margaret Muktoyuk
22. Theresa Muktoyuk
23. Scott Kingston
24. Leo Kunnuk (?)
25. Teresa McDonald
26. Monica Dukes

3 possible seats open if Leo goes by boat and Teresa and/or Monica can't pay own airfare

### List of People To Go by Boat – 18 total

1. Lucy Koyuk
2. Helen Pushruk
3. Michael Saclamana III
4. Julianne Berroteran
5. Allison Berroteran (8 years)
6. Tony Sebwenna
7. Michael John Mayac
8. Keith Sebwenna Kasgnoc
9. Lauren Sebwenna Kasgnoc
10. Derek Sebwenna Kasgnoc
11. Barbie Gologergen
12. Alyssa Gologergen
13. Rhiannon Gologergen
14. Agatha Ford
15. Jared Wiggins
16. Kathleen Paniataaq
17. Joan Kane

1 opening by boat (may be filled by Leo Kunnuk)

Alternates List – not on this year's list because they went last year

Leona Mayac  
Pat Sagoonick  
Gertrude Analoak  
Jeff Saclamana  
Ricky Seeganna  
Sean Seeganna  
Lillian Tiulana  
Susie Toliver Moberg