

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 •

Lead Principal Investigators	Paul McCarthy, David W. Norton and Anthony Fiorillo
Institute	University of Alaska, Fairbanks and Dallas Museum of Natural History
Project Title / Grant #	Collaborative Research: An Ancient Arctic Dinosaur Ecosystem from the Late Cretaceous Prince Creek Formation, North Slope, Alaska - A Natural Case Study in a Greenhouse Climate Mod (0425636/0424594)
NSF Program and Manager	NSF/OPP ANS, William Wiseman
VPR Project Manager	Marin Kuizenga

• Logistics Summary •

<p>This collaborative project between 0425636 (McCarthy, UAF) and 0424594 (Fiorillo, Dallas Museum of Natural History) will study bonebeds of Late Cretaceous dinosaurs along the Colville River and along the Kogokusruk and Kikiaktaugruk Rivers near where they join the Colville.</p> <p>Basing out of Barrow, the researchers will use BASC and VPR-provided boats and air support to travel to their study sites. VPR will also provide communications gear. All other support will come from BASC or will be provided by the PIs from their grant.</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=0425636
http://www.vecopolar.com/arlss_reports/arlss_projectsdetail.asp?cbPropNum=0424594

• Outstanding Issues •

Issue	Responsibility	Date Completed
Review support plan for accuracy and distribute to all field team members	PI	
Visit all hyperlinks and review all documents referred to in the support plan	Field Team Members	
Obtain all necessary permits for fieldwork	PI	
Hazardous Materials: <ul style="list-style-type: none"> • Properly package and certify all hazardous materials with the aid of your institute's hazardous materials specialist • Complete hazardous materials checklist and send to VPR. • Identify any additional hazardous packing materials required from VPR 	PI	

• Allocations & Services •

Allocations from VECO Polar Resources Inventory

Quant/Unit	Item	ID Number
3 ea	Satellite phones	
3 ea	Solar panels for charging phones	
2 ea	Inflatable boats and accessories	

- 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	Location	Date	Comment
Helicopter	Umiat area	July 10 - 12	Fueling and pilot accommodations at Umiat
Fixed wing	Umiat	July 9 and early August	Flight in and out of Umiat for researchers and gear.

VPR will develop a flight plan for you and your pilot, with more details on your air support.

Truck Support

You are responsible for your own fuel. Like all rental agencies, the vehicle we provide you needs to be returned clean, with a full tank of gas. Let us know if your vehicle will be dropped off late, or at a location other than where you picked it up. For more information regarding your vehicle contact:

Locations	Date	# hours	Comment
Umiat	July 10-12	3	Use truck to move gear from the airstrip to river.

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
 3601 C Street, Suite 1000
 Anchorage, AK 99518
 Policy # BAP534531800

Producer:

Marsh USA Inc.
 1031 West 4th Street
 Anchorage, AK 99501
 907.276.5617

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

• Support Schedule •

Date	Location	Activity
July 9	Umiat	Dinosaur team flies to Umiat by fixed-wing charter
July 10 - 13	Umiat	Dinosaur team flies to sites along exposed bluffs on the Kogosugruk and Kikiaktaugruk Rivers.
July 10 – 31	Umiat area	Team members leave Umiat via boats. The field teams will head to sites near the mouth of Kikak Creek and at the mouth of the Kikiaktaugruk River along the main channel of the Colville.
End of July		Fixed-wing charter from field camps to Umiat (BASC responsibility)
1 st week of August	Umiat	All team members finished
Early August		Fixed-wing charter, Umiat to Fairbanks

Site Name	Coordinates
Umiat Mountain	69 24' N', 151 46' W
Kikak – Tegoseak	69 41.02' N, 151 30.27' W
Kikiaktaugruk River	69 58.5' N, 151 37.5' W
Liscomb Bone Bed	70 06.5' N, 151 33.5' W
Poverty Bar	70 04.7' N, 151 34.5' W

• Field Team Information •

Name	Location	Date In	Date Out	Email
Fiorillo, Anthony	Colville River	07/09/05	08/06/05	fiorillo@smu.edu ; tfiorillo@dmnhnet.org
McCarthy, Paul	Colville River	07/09/05	08/06/05	mccarthy@gi.alaska.edu
Norton, Dave	Colville River	07/09/05	08/06/05	arcrim@ptialaska.net ; ffdwn@uaf.edu
Gangloff, Roland	Colville River	07/09/05	08/06/05	ffrag@uaf.edu
Brandlen, Erik	Colville River	07/09/05	08/06/05	ftedb@uaf.edu
Addison, Jason	Colville River	07/09/05	08/06/05	
Flagg, Peter	Colville River	07/09/05	08/06/05	
Hess, Erin	Colville River	07/09/05	08/06/05	
Adams, Thomas	Colville River	07/09/05	07/31/05	tladams@mail.smu.edu
Maas, Jim	Colville River	07/09/05	08/06/05	
Ivanoff, Harold	Colville River	07/09/05	08/06/05	harold.ivanoff@arcticscience.org

• Project Contact Information •

Research Team

Role	Name	Email	Phone / Fax
Lead Principal Investigator 0424594	Anthony Fiorillo	fiorillo@smu.edu	Ph: 214 421-3466 Fax:
Lead Principal Investigator 0425636	Paul McCarthy	mccarthy@gi.alaska.edu	Ph: 907 474-6894 Fax:
Co-PI; logistics, permitting, haz mat point of contact	David W. Norton	arcrim@ptialaska.net ; ffdwn@uaf.edu	Ph: 907 479-6898 Fax: 907 474-7204
Co-PI	Roland Gangloff	ffrag@uaf.edu	Ph: 907 474-7862 Fax: 907 474-5469

VPR Team Members

Contact for	Name	Email	Primary Phone(s)
Alaska operations	Marin Kuizenga	marin@polarfield.com	Fairbanks: 907.590.0755
Alaska operations	Naomi Whitty	naomi@polarfield.com	Fairbanks: 907.590.3954
Sat phones & comms	Roy Stehle	roy.stehle@sri.com	Menlo Park: 650.859.2552
Denver operations	Jill Ferris	jill@polarfield.com	Denver: 720.320.6155

VPR Offices

Denver	Fairbanks
VECO Polar Resources 8392 S. Continental Divide Rd. #104 Littleton, CO 80127-4268 Tel: 303.984.1450/1439 Fax: 303.984.1445	VECO Polar Resources Alaska Office 3535 College Road, Ste. 201 Fairbanks, AK 99709 Tel: 907.455.4214 Fax: 907.455.4126

• Safety, and Environment •

Hazardous Materials

When utilizing air carriers in Alaska, all hazardous materials must be packaged appropriately in USDOT certified containers, have accurate paperwork, and be identified to the pilot. *Any hazardous materials that do not comply with DOT regulations **will not** be transported on the aircraft.*

You are responsible for ensuring that all hazardous materials that originate at your institute or that you purchase en route to your field site comply with DOT regulations. VPR-provided materials will be packaged and certified properly. The hazardous materials specialist in your institution's shipping department can assist with paperwork and packaging. If this resource is not available to you please contact your VPR project manager.

You will need to send your completed hazardous materials checklist to VPR three weeks before your field departure. VPR will include this list in the flight plan we distribute to you and the air support provider.

For additional information on hazardous materials visit <http://hazmat.dot.gov> or call the Department of Transportation at 800.467.4922

• 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.

Factors
1. Timely delivery of personnel and gear to and from field
2. Flexibility of response in consideration of weather and other conditions
3: Adequacy of communications to support #1 and #2

• 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.