STATE OF ALASKA

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF WATER
WASTEWATER DISCHARGE AUTHORIZATION PROGRAM

SEAN PARNELL, GOVERNOR
555 Cordova Street
Anchorage, Alaska 99501
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www.dec.state.ak.us

June 22, 2011 DEC File No.: 2339.48.033

Dale Haines
Unocal Chevron, Inc.
3800 Centerpoint Drive
Anchorage, AK 99501

Re: **Authorization 2010DB0001-0002; Trading Bay Class I UIC**

Dear Mr. Haines:

The Alaska Department of Environmental Conservation has completed its review of the Notice of Intent for the Trading Bay UIC and is issuing authorization 2010DB0001-0002.

The department has both an informal review process and a formal administrative appeal process for final permit decisions. An informal review request must be delivered within 15 days after receiving the department's decision to the Director of the Division of Water at the following address:

Director, Division of Water
Alaska Department of Environmental Conservation
555 Cordova Street
Anchorage, AK 99501-2617

Interested persons can review 18 AAC 15.185 for the procedures and substantive requirements regarding a request for an informal department review. See http://www.dec.state.ak.us/commish/ReviewGuidance.htm for information regarding appeals of department decisions.

An adjudicatory hearing request must be delivered to the Commissioner of the department within 30 days of the permit decision or a decision issued under the informal review process, whichever is later. An adjudicatory hearing will be conducted by an administrative law judge in the Office of Administrative Hearings within the Department of Administration. A written request for an adjudicatory hearing shall be delivered to the Commissioner at the following address:

Commissioner
Alaska Department of Environmental Conservation
410 Willoughby Avenue, Suite 303
Juneau, AK 99811-1800

Interested persons can review 18 AAC 15.200 for the procedures and substantive requirements regarding a request for an adjudicatory hearing. See http://www.dec.state.ak.us/commish/ReviewGuidance.htm for information regarding appeals of department decisions.

This authorization became effective on **May 18, 2011** and expires at midnight on **April 21, 2015**. You must reapply for an authorization on or before **January 21, 2015**, 90 days prior to the expiration date.

If you have any questions concerning this authorization, please contact Marc H. Bentley at 907.269.6287, marc.bentley@alaska.gov or Adele Fetter at 907.269.7235, adele.fetter@alaska.gov.

Sincerely,

Michelle Bonnet

Michelle Bonnet
Section Manager

Enclosure: Permit No. 2010DB0001
Authorization 2010DB0001-0002

cc: Marc Bentley, DEC, Division of Water, Anchorage
TOM MAUNDER ~~Jim Regg~~, AOGCC, Anchorage
Thor Cutler, EPA, Seattle

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Water

AUTHORIZATION NUMBER **2010DB0001-0002** UNDER CLASS I INJECTION WELL

DEC File Number: 2339.48.033

General Permit Number 2010DB0001

See this General Permit for additional permit requirements

The following responsible party is authorized to discharge in accordance with the terms of general permit 2010DB0001, the information provided in the Notice of Intent, and any site specific requirements listed in this authorization:

RESPONSIBLE PARTY:

First Name:	Bill	Last Name:	Haines
Company:	Union Oil Co. of California	Phone Number:	907.263.7951
Mailing Address:	3800 Centerpoint Dr. , P.O. Box 196247		
City:	Anchorage	State: Alaska	Zip: 99501
Email:	daleah@unocal.com		

ON SITE CONTACTS:

Platform:	First/Last Name:	Phone Number:
Dolly Varden	Christy Anderson Mike Loomis	907.776.6840
Grayling	Dave Owens John Liebenthal	907.776.6630
King Salmon	Dave Myers Mark Farnsworth	907.776.6691
Steelhead	Mike Chivers Chester Holt	907.776.6830

FACILITIES:

NAICS Code:	213111 (Formerly the Standard Industrial code SIC: 1311)		
Facility Name:	Dolly Varden	Phone Number:	907.776.6840
Mailing Address:	P.O. Box 8129	Fax Number:	907.776.6845
City:	Nikiski	State: Alaska	Zip: 99635
NAICS Code:	213111 (Formerly the Standard Industrial code SIC: 1311)		
Facility Name:	Grayling	Phone Number:	907.776.6630

Mailing Address:	P.O. Box 8129	Fax Number:	907.776.6635
City:	Nikiski	State: Alaska	Zip: 99635
NAICS Code:	213111 (Formerly the Standard Industrial code SIC: 1311)		
Facility Name:	King Salmon	Phone Number:	907.776.6691
Mailing Address:	P.O. Box 8129	Fax Number:	907.776.6695
City:	Nikiski	State: Alaska	Zip: 99635
NAICS Code:	213111 (Formerly the Standard Industrial code SIC: 1311)		
Facility Name:	Steelhead	Phone Number:	907.776.6830
Mailing Address:	P.O. Box 8129	Fax Number:	907.776.6835
City:	Nikiski	State: Alaska	Zip: 99635

Physical Location: All Facilities Approximatley 8 miles NW of Nikiski, AK in upper western reach of Cook Inlet, Alaska.

GENERAL DESCRIPTION OF THE PROJECT:

The injected wastewater would consist mainly of camp wastewater, Class II exempt fluids incuding well treatment and work-over fluids, and possibly some limited disposal of drill cuttings and muds. When a platform is finally shut-in, wastes from vessel clean outs and other abandonment activities will also be injected in the well. Camp wastewaters include sanitary wastewater that primarily comes from the camp toilets. The raw stream will be treated at the platform's wastewater treatment plant to meet NPDES discharge specifications. When EOP injection ceases, this stream will be sent to the Class I disposal well.

AUTHORIZED DATES OF DISCHARGE

Beginning Date:	May 18, 2011	Ending Date:	April 21, 2015

EPA CLASS I INJECTION WELL PERMIT NUMBER: AK-1I006-A

Beginning Date:	April 22, 2010	Ending Date:	October 18, 2015

ESTIMATED INJECTION FLOW RATES AND VOLUME:

Average:	12,000 – 48,000	Gallons per Day
Maximum:	15,750 – 63,000	Gallons per Day
Estimated Total Discharge Volume:	5,670,000 – 29,043,000	Gallons over 5 years

AUTHORIZED LOCATION OF DISPOSAL

Area(s): Approximately 8 miles NW of Nikiski, AK in upper western reach of Cook Inlet, Alaska

Name of formation; depth(s):	Injection will be limited to the existing Class II injection zone intervals mostly in the G-Zone/Lower Typnek and Hemlock Formations and possibly the West foreland Formation. The injection zone extends from the base of the Coal 39 geologic marker (8946 ft. TVDss) to the base of the West Foreland Formation (10810 ft TVDss) with an oeverall thickness of approximately 1700 feet.
Name of Wells:	Dolly Varden Platform Grayling Platform King Salmon Platform Steelhead Platform

Latitude/Longitude of Injection Point(s) in *decimal degrees* NAD 83

Well	Dolly Varden	Latitude:	60.80778	Longitude:	-151.64944
	Grayling		60.83972		-151.61306
	King Salmon		60.86528		-151.60583
	Steelhead		60.84833		-151.60194

ADDITIONAL SITE SPECIFIC PERMIT REQUIREMENTS UNDER THIS AUTHORIZATION:

No condition of this permit is waived. Injected fluid is required to be reported on the annual report specifying the volume of drilling wastes, desalination wastewater, and sanitary and domestic wastewater, deck drainage/storm water, and miscellaneous non-hazardous wastes.

The DEC Class I UIC Annual Report form is located at
http://www.dec.state.ak.us/water/Compliance/permittee.html
or by requesting the form at dec-wqreporting@alaska.gov

The current annual negotiated fee for this discharge type has been determined to be $275.00 per year. This fee amount was calculated in accordance with the negotiated fee section of the regulations (18 AAC 72.959)

SIGNATURE:

Michelle Bonnet — Signature

6-22-2011 — Date

Michelle Bonnet — Printed Name

Section Manager — Title