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BEFORE THE ENVIRONMENTAL APPEALS BOARD
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.

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ENVIR. APPEALS BOARD

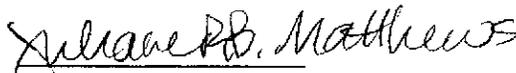
In re:)
)
SHELL OFFSHORE, INC.,)
Kulluk Drilling Unit and) OCS Appeal Nos. 07-01 & 07-02
Frontier Discoverer Drilling Unit)
)
OCS Permit Nos. R10OCS-AK-07-01)
R10OCS-AK-07-02)

**SUBMISSION OF CERTIFIED INDEX TO
THE ADMINISTRATIVE RECORD**

Pursuant to the July 20, 2007 Scheduling Order of the Environmental Appeals Board in these appeals, EPA Region 10 (Region 10) hereby submits the original Certified Index to the Administrative Record, and three copies, for Region 10's decision to issue the above-captioned Outer Continental Shelf permits to Shell Offshore, Inc. On July 24, 2007, EPA filed a compact disk (CD), and three copies, containing electronic copies of most of the documents in the Administrative Record. Enclosed are a CD, and three copies, containing some additional electronic documents, an audio tape and three copies, and four copies of each document in the Administrative Record that is not in electronic format.

Dated: July 26, 2007

Respectfully submitted,


Juliane R. B. Matthews
Assistant Regional Counsel
EPA Region 10

CERTIFICATE OF SERVICE

I hereby certify that a copy of a Certified Index to the Administrative Record and the specified documents from the Administrative Record for Shell Offshore, Inc., OCS Appeal Nos. 07-01 & 07-02, were sent to the following persons in the manner indicated.

Via Federal Express Mail

Christopher Winter
Crag Law Center
917 SW Oak St., Suite 417
Portland, OR 97205

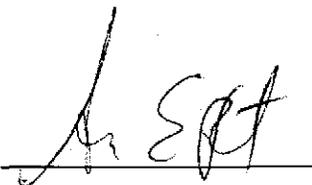
John C. Martin
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Patton Boggs, LLP
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Michael LeVine
Clayton Jernigan
Eric Jorgensen
EARTHJUSTICE
325 Fourth Street
Juneau, AK 99801

Date:

7/26/07

Name:

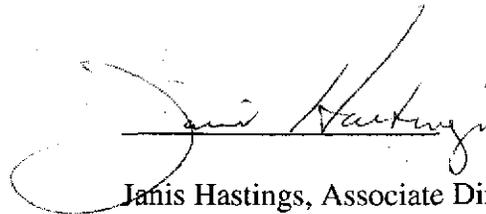


**BEFORE THE ENVIRONMENTAL APPEALS BOARD
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.**

In re:)	
)	
SHELL OFFSHORE, INC.,)	
Kulluk Drilling Unit and)	OCS Appeal Nos. 07-01 & 07-02
Frontier Discoverer Drilling Unit)	
)	
OCS Permit Nos. R10OCS-AK-07-01)	
R10OCS-AK-07-02)	

**CERTIFIED INDEX TO
THE ADMINISTRATIVE RECORD**

As the Associate Director in the Office of Air, Waste and Toxics for the United States Environmental Protection Agency, Region 10, I hereby certify that the attached index constitutes the Certified Index to the Administrative Record forming the basis for EPA' Region 10's decision to issue the above-captioned Outer Continental Shelf permits to Shell Offshore, Inc.



Janis Hastings, Associate Director
Office of Air, Waste and Toxics
Environmental Protection Agency, Region X

Date: July 26, 2007

**Before the Environmental Appeals Board
 PSD Appeal No. OCS-07-01 and OCS-07-02
 Shell Kulluk OCS Permit No. R10OCS-AK-07-01
 Frontier Discoverer OCS Permit No. R10OCS-AK-07-02
 Index to Administrative Record**

A: Permit Application Documents

EPA Exhibit Number	Date	Document Description
A-1	03/22/06	Notice of Intent
A-2	12/29/06	Shell Kulluk Permit Application & Notice of Intent
A-3	12/29/06	Frontier Discover Permit Application & Notice of Intent
A-4	02/02/07	EPA Completeness Determination
A-5	02/07/07	Additional Compliance Plan Information
A-6	03/26/07	Addendum to Permit Applications
A-7	03/29/07	Duration of Permit

B: Modeling Information

EPA Exhibit Number	Date	Document Description
B-1	02/02/07	Email from Shell Offshore Inc. to EPA Transmitting Building Downwash Information with following Attachments on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD-02/02/07 Folder Attachments Frontier Discoverer Results_013107 Kulluk Results_013107 SEPCo Downwash KILABUK_discoverer KILABUK_kulluk
B-2	02/06/07	Email from Shell Offshore Inc. to EPA Transmitting the BPIP Output Files with Attachments on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD-02/06/07 Folder Attachments SEPCo Downwash_020607 BPIP_disc BPIP_disd_kilabuk BPIP_Kulluk BPIP_kulluk_killabuk
B-3	02/08/07	Email from Shell Offshore Inc. to EPA Requesting Using an Alternative EPA Model to Model Impacts

EPA Exhibit Number	Date	Document Description
B-4	02/20/07	<p>Email from Shell Offshore Inc. to EPA Transmitting the Air Quality Impact Evaluation Report – No Exclusion Zone and ISC-PRIME Modeling Report with Attachment</p> <p>Air Quality Impact Evaluation Report – No Exclusion Zone Kulluk Beaufort Sea exploratory Drilling Program, 02/19/07 and Attachment on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2</p> <p>CD-02/20/07 Folder Attachment Kulluk ICS-Prime Modeling Files</p>
B-5	02/20/07	<p>Email from Shell Offshore Inc. to EPA Transmitting the ISC-PRIME Modeling Report and Files with Attachment</p> <p>Air Quality Impact Evaluation Report – No Exclusion Zone Frontier Discoverer Beaufort Sea exploratory Drilling Program, 02/19/07 and Attachment on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2</p> <p>CD-02/20/07 Folder Attachment Discoverer ICS-Prime Modeling Files</p>
B-6	02/29/07	<p>On the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2</p> <p>CD-02/29/07 Folder Attachments</p> <p>Discoverer ISC-Prime Modeling Files-052907</p>
B-7	03/07/07	<p>Email from Shell Offshore Inc. to EPA Transmitting Supplemental Information for the ISC-PRIME Modeling with Attachment</p> <p>Shell Beaufort Load Analysis</p>
B-8	05/23/07 to 05/21/07	<p>Email from Shell Offshore Inc. to EPA with a List of Changes to the Kulluk and Frontier Discoverer Source Inventory with Attachments</p> <p>Shell OCS Source Changes and Discoverer ICS-Prime Result_052307</p>
B-9	05/23/07	<p>Email from Shell Offshore Inc. to EPA with Changes to the Particulate Matter Emissions with Attachments</p> <p>Shell OCS Source Changes</p>
B-10	05/25/07	<p>Email from Shell Offshore Inc. to EPA Regarding Updates to Modeling Results with Attachments</p> <p>Shell OCS Source Changes – 052407 and Discoverer ISC-Prime Results_052407</p>
B-11	05/29/07 & 05/25/07	<p>Email from Shell Offshore Inc. to EPA with Updated Modeling Results with Attachments</p> <p>Referenced in Exhibit B-11</p>

EPA Exhibit Number	Date	Document Description
B-12	05/29/07	Email from Shell Offshore Inc. to EPA Transmitting Modeling Files Including Reference to Not Being Able to Open Files with Attachment on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD CD-02/20/07 Folder Attachments Discoverer ISC-Prime Modeling Files-052907
B-13	06/06/07	Email from Shell Offshore Inc. to EPA Regarding the Need to Remodel the Kulluk Emissions
B-14	04/25/00	The State of Alaska Department of Environmental Conservation, Division of Air Quality Memorandum Regarding Quarter 1999 North Slope Eastern Region Monitoring Reports & supporting Data
B-15	07/21/00	The State of Alaska Department of Environmental Conservation, Division of Air Quality Air Permits Program Letter to BP Exploration (Alaska) Inc.
B-16		EPA AERMOD: Latest Features and Evaluation Results; EPA-454/R-03-003 June 2003 on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 (aermod_mep.pdf)
B-17		Auer, Jr., A.H. 1978. Correlation of Land Use and Cover with Meteorological Anomalies. Journal of Applied Meteorology, 17(5): 636-643. on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 (Auer.pdf)
B-18		CFR (Code of Federal Regulations). 2006. Title 40, Appendix W to Part 51- Guideline On Air Quality Models on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 (APPENDIX_W_TO_PART_51_GUIDEL.doc)
B-19		Shell (Shell Offshore, Inc.). 2007. Air Quality Impact Evaluation - No Exclusion Zone. Shell Discoverer Beaufort Sea Exploratory Drilling Program. Project 180-15. February 19 on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 (Discoverer ICS-PRIME Report_021927.pdf and Kulluk ISC-PRIME Report_02192007.pdf)
B-20		USEPA (U.S. Environmental Protection Agency). 2007. Email to Roger Steen, Air Sciences, Modeling of impacts using an alternate EPA model. 09 February on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 (Modeling of impacts using a.pdf)
B-21		USEPA. 2004a. ISC3 with PRIME Building Downwash - ISC3P, Version 04269. Office of Air Quality Planning and Standards, Research Triangle Park, NC. August 26 on the OCS Appeal #s 07-01 and 07-02

EPA Exhibit Number	Date	Document Description
		Administrative Record CD #2 (iscprmsrcode.zip)
B-22		USEPA. 2004b. User's Guide to the Building Profile Input Program, EPA-454/R-93-0389. Office of Air Quality Planning and Standards, Research Triangle Park, NC. April 21 on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 (bpiupd.pdf)
B-23		USEPA. 1992. Screening Procedures for Estimating the Air Quality Impact of Stationary Sources, Revised. Office of Air Quality Planning and Standards, Research Triangle Park, NC. October on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD#2 (SCR2DOC.pdf)
B-24		USEPA. 1987. Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD), EPA-450/4-87-007. Office of Air Quality Planning and Standards, Research Triangle Park, NC. October. on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 (4-87-007.pdf)
B-25		Email Correspondences from 01/29/07 to 06/06/07
B-26		Listing of Files on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 for Exhibit B.

C: Notice of Preliminary Approval to Construct

EPA Exhibit Number	Date	Document Description
C-1		Public Notice of Proposed Outer Continental Shelf Air Quality Permits, Public Hearing, and Public Comment Period
C-2	03/30/07	Proposed Outer Continental Shelf Permit for Shell Kulluk
C-3	03/30/07	Statement of Basis for Proposed Outer Continental Shelf Permit for Shell Kulluk with Attachments - State of Alaska Department of Environmental Conservation Memo regarding Maximum SO ₂ Concentration from the Combustion of #2 Diesel Fuel - U.S. Department of Interior Minerals Management Service 02/15/07 Letter to Shell Offshore Inc., Regarding the Proposed Beaufort Sea Outer Continental Shelf Lease Exploration Plan - 11 AAC 110.010. Applicability of the Alaska Coastal Management Program consistency Review Process - 11 AAC 110.752. Activities Generally Subject to Individual Consistency Review

EPA Exhibit Number	Date	Document Description
		-Department of Natural Resources List of Expedited Consistency Reviews and State Authorizations Subject to the ACMP
C-4	03/30/07	Proposed Outer Continental Shelf Permit for Frontier Discoverer
C-5	03/30/07	Statement of Basis for Proposed Outer Continental Shelf Permit for Frontier Discoverer with Same Attachments Referenced in Exhibit C-3
C-6	03/30/07	EPA Letter to the City Offices (with Recipients Mailing List without Enclosures)
C-7	03/30/07	EPA s Sample Letter to the Post Offices (with Recipients Mailing List without Enclosures)
C-8	04/02/07	Email to Alaska Department of Environmental Conservation. Documents to Post on Its Website
C-9	04/05/07	EPA Public Notice E-mail Regarding Draft Permits (with Recipient E-mail List)
C-10	04/05/07	Anchorage Daily News Affidavit of Publication
C-11	05/03/07	The Arctic Sounder News Story in Advance of Public Hearing

D: Public Comments on Preliminary Approval to Construct

EPA Exhibit Number	Date	Document Description
D-1	04/12/07	Shell Kulluk and Frontier Discoverer – Request for Technical Updates to the Permits
D-2	04/18/07	North Slope Borough Request to Extend Public Comment Period
D-3	04/30/07	Shell Offshore Inc. Response to North Slope Borough Extension Request
D-4	05/04/07	Email from the North Slope Borough to EPA requesting EPA's response to the North Slope Borough's Request to Extend Public Comment Period
D-5	05/08/07	EPA Denial of North Slope Borough Extension Request
D-6	05/08/07	Public Hearing Sign-in Sheet
D-7	05/08/07	EPA Information Session Presentation Slides
D-8	05/08/07	North Slope Borough Audio Recording of the Nuiqsut Information Session and Public Hearing on CD
D-9	05/08/07	Information Session Transcript (Based on the North Slope Borough Recording on CD)
D-10	05/08/07	EPA Public Hearing Script
D-11	05/08/07	Public Hearing Testimony Transcript (Based on the North Slope Borough Recording on CD)

EPA Exhibit Number	Date	Document Description
D-12	05/08/07	EPA Audio Recording of the Nuiqsut Hearing on Tape
D-13	05/08/07	Written Testimony Received During the Nuiqsut Public Hearing from Carl Brower, Erica Kunaknana and George Sielak
D-14	05/10/07	U.S. Department of Interior, Minerals Management Service Comments
D-15	05/11/07	Alaska Department of Environmental Conservation Comments
D-16	05/11/07	North Slope Borough Comments
D-17	05/11/07	Center for Biological Diversity Comments
D-18	05/12/07	Northern Alaska Environmental Center Comments
D-19	05/12/07	Resisting Environmental Destruction on Indigenous Lands Comments
D-20	05/14/07	Clarification to Alaska Department of Environmental Conservation Comments Submitted 05/11/07
D-21	05/15/07	Clarification to Alaska Department of Environmental Conservation Comments Submitted 05/11/07
D-22	05/23/07	North Slope Borough Request to EPA to Address Concerns
D-23	06/19/07	EPA Response to North Slope Borough Request

E: Correspondence between EPA, Shell Offshore Inc., Federal Agencies and Other Interested Parties

EPA Exhibit Number	Date	Document Description
E-1	05 15 07	Summary Reports for TANKS Software Used to Estimate VOC Emissions on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder: 05 15 07 VOC emissions from storage of diesel fuel Folder (VOC emissions from storage of. MDI with Attachment)
E-2	05 17 07	Ambient Air Data Sets on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder: 05 21 07 Ambient data - PM10 Folder (Ambient data - PM10.MDI with Attachments)
E-3	05 24 07	Compliance with the 0.05 gr/dscf PM Standard on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder: 05 24 07 Kulluk

EPA Exhibit Number	Date	Document Description
		and Frontier Discoverer PM Emissions Folder (RE- Kulluk and Frontier Discove.MDI)
E-4	05 23 07	Compliance with the 0.05 gr/dscf PM Standard on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder (Kulluk gensets.MDI)
E-5	05 29 07	Compliance with the 0.05 gr/dscf PM Standard on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder (Discoverer's Cat D399 condition.MDI)
E-6	05 30 07	Adding a Load Bank to Meet Compliance with the 0.05 gr/dscf PM Standard on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder (Kulluk EMS and PM emissions.MDI)
E-7	05 31 07	ADEC's Position on Adding a Load Bank to Meet Compliance with the 0.05 gr/dscf PM Standard on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder (RE- Installing Load Banks to Co.MDI)
E-8	06 01 07	ADEC's Position on Fuel Flow Meter Accuracy and Limits the on OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder (05/31/07 RE- Let's Talk Soon.MDI)
E-9	05 31 07	Reason why Shell Offshore Inc., will not Flare or Vent Field Gas on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder (Shell and flaring - venting.MDI)
E-10	05 31 07	Shell Offshore Inc. Request to Add an Additional Small Engine to the Source Group on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder (Shell draft permit mods.MDI)
E-11	05 24 27	Compliance with the 0.05 gr/dscf PM Standard on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2

EPA Exhibit Number	Date	Document Description
		CD- Post Public Comment Period Folder: Found Folder: 05 24 27 kulluk and fd pm emissions Folder (kulluk and fd pm emissions.pdf)
E-12	05 23 07	Compliance with the 0.05 gr/dscf PM Standard and Source Testing on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder: Found Folder (Re_ Updated permits.pdf)
E-13	05 31 07	Technical Feasibility and Cost of Installing PM Emission Controls on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder: Found Folder (RE_ Kulluk EMS and PM emissions.pdf)
E-14	06 03 07	Testing Loads on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder: Found Folder (RE_ Kulluk EMS and PM emissions.pdf)
E-15	06 05 07	Compliance with the Owner Requested Limits on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Post Public Comment Period Folder: Found Folder (compliance by Shell.pdf)
E-16	01 26 07	Modified Application Requesting Change from Temporary Source to Minor Source on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 01 26 07 modified application pages Folder (modified application pages.pdf)
E-17	02 07 07	Additional Compliance Information and Compliance Plan on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 02 07 07 shell - compliance plan and emission equation Folder (shell - compliance plan and emission equation)
E-18	02 15 07	Compliance with the 500 ppmv SO ₂ Limits on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 02 15 07 adec

EPA Exhibit Number	Date	Document Description
		stoichiometric mass balance calculations Folder (adec stoichiometric mass balance calculations)
E-19	02 26 07	Excel Spreadsheet with the Compliance Plan Emission Equation on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 02 26 07 shell compliance plan and emission equation Folder (shell compliance plan and emission equation)
E-20	02 27 07	Draft Spreadsheet with the Calculations of PM Emissions on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 02 27 07 shell ocs permitting - and ci engine PM emissions Folder (shell ocs permitting - and ci engine PM emissions)
E-21	02 28 07	Technical Review Document on Tail Pipe Control on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 02 28 07 shell and pm controls for small diesel engines Folder (shell and pm controls for small diesel engines.pdf)
E-22	03 06 07	Small Engines and Particulate Emission Documentation on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 03 06 07 small engines and particulate emissions Folder (small engines and particulate emissions.pdf)
E-23	03 08 07	Fleet Activity Spreadsheets on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 03 08 07 fleet activity spreadsheets Folder (fleet activity spreadsheets)
E-24	03 08 07	Information on Compliance Equation on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 03 08 07 fw excel file version of feb 7 comp submittal Folder (fw excel file version of feb 7 comp submittal)
E-25	03 12 07	Updates to the Draft Stack Test/Operational Monitoring Plan on the OCS Appeal #s 07-01 and 07-02 Administrative

EPA Exhibit Number	Date	Document Description
		Record CD #2 CD- Pre Public Comment Period Folder: 03 12 07 shell ocs nox compliance plan details Folder (shell ocs nox compliance plan details)
E-26	03 14 07	Compliance Plan Details on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: 03 14 07 conference call today shell ocs nox compliance plan details Folder (conference call today shell ocs nox compliance plan details.pdf)
E-27	03 22 07	Updates to the Compliance Equation Section of the Permit on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: shell draft permit Folder (shell draft permit)
E-28	03 25 07	Demonstration of Compliance with the Alaska PM10 Standard on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder: pm emissions references Folder (pm emissions references)
E-29	03 09 07	Demonstration of Meeting ADEC's PM Limit with out Add-On PM Control on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder (FW_ Fleet activity spreadsheets.pdf)
E-30	03 09 07	Using PEMS Method to Track Fuel Consumption as a Surrogate for NO _x Emission on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder (Re_ Shell OCS and compliance de.pdf)
E-31	03 18 07	Clarification on if the ORL Applies to the Kulluk and Support Vessels on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder

EPA Exhibit Number	Date	Document Description
		(RE_Shell OCS - revisions.pdf)
E-32	03 20 07	Request for 500 meter Radius on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder (Radius of invalid permit.pdf)
E-33	03/28/07	EP's Request to ADNR to Participate in ADNR's Open House on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 CD- Pre Public Comment Period Folder (Participation at ADNR ACMP Open House.MDI)
E-34		Listing of Files on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 for Exhibit E E-mail Correspondence from 5/15/07 to 06/05/07 (Post Public Comment Data Folder) E-mail Correspondence from 9/22/06 to 04/02/07 (Post Public Comment Data Folder) E-mail Correspondence from 5/15/07 to 06/05/07 (Post Public Comment Period Folder)
E-35	05/30/07	ADEC Letter to the North Slope Borough Regarding the FINDING of Inadequacy Pertaining to the North Slope Borough's Request for Additional Information

F: Guidance, Background and Prior Permitting Actions

EPA Exhibit Number	Date	Document Description
F-1	08/07/80	EPA Major New Source Review Rulemaking. 45 Fed. Reg. 52675, 52693 (Aug. 7, 1980).
F-2	06/03/92	ARCO Air Quality Analysis for Kulluk
F-3	02/93	ARCO Prevention of Significant Deterioration Permit Application to EPA for Exploration Drilling in the Beaufort Sea
F-4	12/14/93	EPA Region 10 Outer Continental Shelf Prevention of Significant Deterioration Permit to ARCO
F-5	07/95	EPA Region 4 Minor Permit for Outer Continental Shelf Destin Dome and Response to Comments
F-6	12/26/96	Oklahoma Department of Environmental Quality Guidance on Defining the Source
F-7	04/97	ARCO Alaska Prevention of Significant Deterioration Permit Application to EPA for Warthog No. 1 Exploration

EPA Exhibit Number	Date	Document Description
		Well in Beaufort Sea
F-8	07/18/97	EPA Region 10 Technical Analysis Report for Draft Outer Continental Shelf Prevention of Significant Deterioration Permit to ARCO
F-9	08/04/97	Trustees for Alaska Comments on Draft EPA ARCO Permit
F-10	10/02/97	EPA Region 10 Outer Continental Shelf Prevention of Significant Deterioration Permit to ARCO and Response to Comments
F-11	03/24/98	State of Alaska Department of Environmental Conservation Division of Air and Water Quality - Air Quality Maintenance Memorandum Regarding Maximum SO ₂ Concentration Air Quality Maintenance from the combustion of #2 diesel fuel
F-12	05/21/98	EPA Region 4 Letter to Utah Division of Air Quality. Source - What is "Adjacent"
F-13	02/08/99	EPA Region 4 Letter to Chevron USA. Destin Dome Outer Continental Shelf Source
F-14		Louisiana Department of Environmental Quality Guidance on Defining the Source
F-15	05/18/01	Executive Order 13211, Actions Concerning Regulations that Significantly Affect Energy Supply, Distribution, or Use
F-16	05/18/01	Executive Order 13212, Actions to Expedite Energy-Related Projects and Amendment
F-17	03/02	Texas Commission on Environmental Quality Draft Guidance on Defining the Source
F-18	05/26/04	Alaska Department of Natural Resources List of Expedited Consistency Reviews and State Authorizations Subject to the ACMP, <i>Volume I</i> , Office of Project Management and Permitting
F-19	01/05/06	Alaska Department of Environmental Conservation Minor New Source Review Permit to BP for One Transportable Drilling Rig Operation and Technical Analysis Report for Permit
F-20	04/28/06	Alaska Department of Natural Resources letter to Escopeta regarding Kitchen Prospect
F-21	07/05/06	11 AAC 110.750. Activities Generally Subject to Individual Consistency Review
F-22	07/05/06	11 AAC 110.010. Applicability of the Alaska Coastal Management Program Consistency Review Process
F-23	09/01/06	Alaska Department of Environmental Conservation Minor New Source Review Permit to Escopeta for Kitchen Prospect Exploratory Drilling in Cook Inlet and Technical

EPA Exhibit Number	Date	Document Description
		Analysis Report for Permit
F-24	01/12/07	EPA Guidance on Source Determinations for Oil and Gas Industries
F-25	02/15/07	U.S. Department of Interior Minerals Management Service Letter to Shell Offshore Inc. Regarding the Proposed Beaufort Sea Outer Continental Shelf Lease Exploration Plan dated January 2007

G: Clean Air Act §328 Regulations

EPA Exhibit Number	Date	Document Description
G-1		Report of the Senate Committee on Environment and Public Works on S. 1630
G-2		Chafee-Baucus Statement of Senate Managers, S. 1630, The Clean Air Act Amendments of 1990
G-3	05/23/90	S. 1630 of 101 st Congress, 2 nd Session.
G-4	12/05/91	EPA Proposed National Outer Continental Shelf Rulemaking. 56 Fed. Reg. 63773 (Dec. 5, 1991).
G-5	09/04/92	EPA Final National Outer Continental Shelf Rulemaking. 57 Fed. Reg. 40791 (Sept. 4, 1992).
G-6	09/12/94	Santa Barbara County Air Pollution Control District v. U.S. EPA, 308 U.S. App. D.C. 172; 31 F.3d 1179 (1994).

H: Alaska Regulations, Consistency Update and Delegation of Authority

EPA Exhibit Number	Date	Document Description
H-1	12/19/92	EPA Headquarters Outer Continental Shelf Delegation of Authority
H-2	05/28/04	Region 10 Outer Continental Shelf Delegation of Authority
H-3	05/26/06	Alaska State Implementation Plan
H-4	08/22/06	EPA Proposed Alaska Outer Continental Shelf Consistency Update. 71 Fed. Reg. 48879 (Aug. 22, 2006).
H-5	02/08/07	EPA Final Alaska Outer Continental Shelf Consistency Update. 72 Fed. Reg. 5936 (Feb. 8, 2007).
	02/08/07	State of Alaska Requirements Applicable to Outer Continental Shelf Sources, December 3, 2005
H-6	09/20/06	Alaska Oil and Gas Association Comments

I: Ship Emissions Materials

EPA Exhibit Number	Date	Document Description
I-1	11/75	Colt Industries – United States Department of Transportation. United States Coast Guard Pollution Abatement Program: Icebreaker Smoke Reduction
I-2	08/77	Colt Industries – United States Department of Transportation. Field tests of In-Service Modifications to Improve Performance of an Icebreaker Main Diesel Engine
I-3		IVL Swedish Environmental Research Institute. Using Continuous Emissions Monitoring Systems on Ships
I-4		National Oceanic and Atmospheric Administration/Earth System Research Laboratory & Cooperative Institute for Research in Environmental Sciences/University of Colorado. Preliminary Only. Emissions from Ships and Offshore Platforms.
I-5	08/98	EPA Commercial Marine Emissions Inventory for EPA Category 2 and 3 Compression Ignition Marine Engines in the United States Continental and Inland Waterways.
I-6	1999	Atmospheric Environment. Predictive NO _x Emission Monitoring onboard a Passenger Ferry.
I-7	02/00	EPA Analysis of Commercial Marine Vessels Emissions and Fuel Consumption Data.
I-8	01/02	EPA Air Pollution Control Cost Manual, Sixth Ed.
I-9	05/27/03	United States Maritime Administration. Vessel Operator Engine Emissions Measurement Guide.
I-10	10/29/03	Journal of Geophysical Research. Updated Emissions from Ocean Shipping.
I-11	02/02/04	Swedish Methodology for Environmental Data. Methodology for Calculating Emissions from Ships.
I-12	05/04/04	ICF Consulting. Port Emission Inventories and Modeling of Port Emissions for Use in State Implementation Plans
I-13	11/23/04	California Air Resources Board & California Environmental Protection Agency. Verification of Ship Emission Estimates with Monitoring Measurements to Improve Inventory and Modeling
I-14	12/07/04	Journal of Geophysical Research. Considering Alternative Input Parameters in An Activity-based Ship Fuel Consumption and Emissions Model: Reply to Comment by Oyvind Endresen et al. on “Updated Emissions from Ocean Shipping”
I-15	2005	Atmospheric Environment. A Performance Study of Predictive Emissions Monitoring Systems Applied to the Hsinta Power Station of Taipower
I-16	2005	Atmospheric Environment. Applicability of the Predictive

EPA Exhibit Number	Date	Document Description
		Emissions Monitoring Systems Technique for Simplified NO _x Monitoring on Board Ships
I-17	07/05	Journal of Air & Waste Management Association. The Effect of Diesel Fuel Content on Particulate Matter Emissions for a Nonroad Diesel Generator
I-18	08/05	European Commission. Ship Emissions: Assignment, Abatement and Market-based Instruments
I-19	08/08/05	Proposed Rulemaking for Performance Specification for Predictive Emissions Monitoring Systems. 70 Fed. Reg. 45608 (Aug. 8, 2005).
I-20	12/05	Johnson Matthey Catalysts & Power-Gen International. The Simultaneous Reduction of NO _x , Particulate Matter, Hydrocarbons and CO from Large Stationary Diesel Engine Using Selective Catalytic Reduction and Particulate Filters
I-21	01/06	EPA. Current Methodologies and Best Practices in Preparing Port Emission Inventories
I-22	02/07	EPA Review Draft. Emissions Factor Uncertainty Assessment

J: EPA Final Decision

EPA Exhibit Number	Date	Document Description
J-1	06/12/07	EPA Response to Comments
J-2	06/12/07	Final Outer Continental Shelf Permit for Shell Kulluk
J-3	06/12/07	Redline/Strike Outer Continental Shelf Permit for Shell Kulluk
J-4	06/12/07	Final Outer Continental Shelf Permit for Frontier Discoverer
J-5	06/12/07	Redline/Strike Outer Continental Shelf Permit for Frontier Discoverer
J-6	06/12/07	EPA Transmittal Letter to Shell Offshore Inc. (without Enclosures)
J-7	06/12/07	EPA Transmittal Letter to Locations for Public Display of Final Documents (with Recipient Mailing List and without Enclosures)
J-8	06/12/07	EPA Transmittal Letter to Commenters and Other Interested Parties (with Recipient Mailing List and without Enclosures)
J-9	06/12/07	EPA Transmittal Letter to Tribal Governments (with Recipient Mailing List and without Enclosures)
J-10	06/12/07	EPA Transmittal Letter to Public Hearing Attendees (with Recipient Mailing List and without Enclosures)

EPA Exhibit Number	Date	Document Description
J-11	06/13/07	EPA Transmittal Letter to ADEC Mailing List (with Recipient Mailing List)
J-12	06/14/07	EPA Transmittal Email to ADEC Email List (with Recipient Email Address)
J-13	06/14/07	EPA Transmittal Email to ADNR Email List (with Recipient Email Address)

K: Endangered Species Act

EPA Exhibit Number	Date	Document Description
K-2		Listing of Files on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 for Exhibit K
K-3	09/06/02	Comments from the National Oceanic and Atmospheric Administration on Outer Continental Shelf Oil and Gas Lease Sales 186, 195, and 2002 in the Beaufort Sea, Alaska
K-4	02/2007	OCS EIA/EA MMS 2007-009: Environmental Assessment – Shell Offshore Inc., Beaufort Sea Exploration Plan
K-5	05/23/07	Fax from the MMS to EPA with Memorandum on the Proposed Beaufort Sea Lease Sale 195: Endangered Species Act, Section 7 Consultation
K-6	05/24/07 to 03/27/07	Email Correspondences between EPA and MMS regarding the Biological Opinion and Essential Fish Habitat for Lease Sale 202
K-7	05/24/07	Fax from the US Fish and Wildlife Services to EPA regarding Section 7 Consultation – Chuckchi Sea and Beaufort Sea Outer Continental Shelf Planning Areas
K-8	05/30/07	EPA Memorandum to File: Endangered Species Act and Essential Fish Habitat Obligations
K-9	02/15/07	MMS National Environmental Policy Act NEPA Review of Shell Offshore Inc.'s Exploration Plan
K-10	02/15/07	MMS letter to Shell Offshore Inc. regarding MMS's review of Shell Offshore Inc.'s proposed Beaufort Sea Outer Continental Shelf Lease Exploration Plan dated January 2007

L: Government-to-Government Consultation

EPA Exhibit Number	Date	Document Description
L-1	05/19/98	Executive Order 13084: Consultation and Coordination with Indian Tribal Governments
L-2	11/09/00	Executive Order 13175: Consultation and Coordination with Indian Tribal Governments
L-3	06/10/07	Memo to File: Government-to-Government Consultation Obligations with Attachments

M: Environmental Justice

EPA Exhibit Number	Date	Document Description
M-1	02/16/94	Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations
M-2	11/06/00	Executive Order 13175: Consultation and Coordination with Indian Tribal Governments
M-3	11/03/04	The Statutory/Policy Framework for Environmental Justice
M-4	05/12/07	Memo to File from Running Grass, Environmental Justice Program Manager
M-5	1979	Nuiqsut Heritage: A Cultural Plan on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 (Nuiqsut_Guide)
M-6	09/15/03	A Guide for Those Who Would Work in the Country of the Kaktovikmuit on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 (Kaktovik_Guide)
M-7		Listing of Files on the OCS Appeal #s 07-01 and 07-02 Administrative Record CD #2 for Exhibit M.
M-8	04/26/07	North Slope Borough Website Information Page
M-9	04/26/07	City of Nuiqsut-North Slope Borough Website Community Information Page
M-10	04/26/07	City of Kaktovik-North Slope Borough Website Community Information Page