In the Matter of:

PR Spring Tar Sands Project February 15, 2011, Ground Water Discharge Permit-by-Rule

INDEX OF INITIAL RECORD

January 10, 2012

Abbreviations used:

- DEQ is the Department of Environmental Quality
- LR is Living Rivers
- WRA is Western Resource Advocates
- EER is Earth Energy Resources, Inc. [n/k/a U.S. Oil Sands, Inc. ("USOS")]
- HH is Holland & Hart
- ALJ is the Administrative Law Judge
- DWQ is the Division of Water Quality
- ExSec is the Executive Secretary
- ExDir is the Executive Director

| Doc. List No. | Record Description | Date | Added to Record By | Record Page |
|---------------------|--|----------|-----------------------------|--------------------------|
| 1 | Letter from Mark Novak of DWQ to Mr. Page Van Loben Sels of Earth Energy Resources, Inc. regarding Oil Extraction from Oil Sands - Spent Tar Sands | 10/14/05 | DWQ | IR-000001 |
| 2 | Letter from Mark Novak of DWQ to Mr. Page Van Loben Sels of Earth Energy Resources, Inc. regarding Tar Sands Pilot Project Tailings December 5, 2005 | 12/15/05 | DWQ | IR-000002 |
| 3 | PR Spring Mine, Request for Permit-by-Rule Determination submitted by Bob Bayer of JBR Environmental | 02/21/08 | EER | IR-000003 - IR-000035 |
| 3a | Letter from Rob Herbert of DWQ to Barclay Cuthbert, EER re PR Spring Tar Sands Project, Uintah and Grand Counties, Utah, Ground Water Discharge Permit-by-Rule | 03/04/08 | DWQ | IR-000036 - IR-000037 |
| 4 | Utah State Department of Health Division of Laboratory Services Environmental Chemistry Analysis Report of PR Spring water sample | 07/03/08 | DWQ | IR-000038 - IR-000042 |

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|---------------------|--|----------------------------|-----------------------------|--------------------------|
| 5 | Notice of Intention To Commence Large Mining Operations, Earth Energy Resources, Inc. PR Spring Mine, M0470090 | 05/2009 | EER | IR-000043 - IR-000372 |
| 6 | Letter from Barclay Cuthbert of Earth Energy Resources Inc. to Rob Herbert of DWQ informing DWQ of four operational changes to the PR Spring Tar Sands Project, Uintah and Grand Counties, Utah with attachments: March 4, 2008, Letter to EER from DWQ re PR Spring groundwater discharge permit-by-rule; Material Safety Data Sheets of the reagent used in the extraction process | 02/08/11 | EER | IR-000373 - IR-000385 |
| 6a | Email correspondence between EER and DWQ, various dates | 01/30/07 to 02/09/11 | DWQ | IR-000386 - IR-000403 |
| 6b | Letter from Rob Herbert of DWQ to Barclay Cuthbert, EER re PR Spring Tar Sands Project, Uintah/Grand Counties, Utah, Revised Ground Water Discharge Permit- by-Rule | 02/15/11 | DWQ | IR-000404 - IR-000405 |
| | Other published reports and online references: | | | |
| 7 | Hydrologic Reconnaissance of the Southern Uinta Basin, Utah and Colorado, Technical Publication No. 49, State of Utah Department of Natural Resources, Don Price & Louise L. Miller, U.S. Geological Survey | 1975 | DWQ | IR-000406 - IR-000482 |
| 8 | Characteristics of the PR Spring Tar Sand Deposit, Uinta Basin, Utah, USA, George F. Dana & Donna J. Sinks, Laramie Energy Technology Center, U.S. Department of Energy | 1984 | DWQ | IR-000483 - IR-000502 |
| 9 | Tar-Sand Resources of the Uinta Basin, Utah, A Catalog of Deposits compiled by Robert E. Blackett, Utah Geological Survey, Open-File Report 335 | 05/1996 | DWQ | IR-000503 - IR-000630 |