



Geophysical Data Submission Requirements

Under 11 AAC 96.210, the director has the right to inspect and require submission of seismic exploration data and stratigraphic test data obtained under a Miscellaneous Land Use Permit (MLUP) for five years after the permittee provides notification that the initial processing has been completed.

As a condition of the issuance of a MLUP, the permittee/client acknowledges the requirements of 11 AAC 96.210 and agrees to notify the director and submit geologic, seismic and stratigraphic exploration data at the request of the director as follows:

1. The permittee/client shall submit:
 - A. Written notice to the Director within 30 days after termination of any exploration activity of all geologic, seismic and stratigraphic exploration data obtained under the permit. This may be satisfied with Geophysical Activity Completion Report which is available in the Division's Website.
 - B. Written notice to the Director within 30 days after completion of initial processing of the availability of all seismic data sets generated.
2. At a minimum, the permittee/client shall submit the following processed data at the completion of initial processing; however, the director may request additional data submissions, [as defined in 11AAC 96.250(6)] as the director determines necessary within the five-year period. The director may also require the resubmission of unreadable or incomplete data.
3. **Submission for 2-D or 3-D Seismic Data may include but is not limited to:**
 - A. Digital final stack and final pre-stack time, post-stack time, and depth migrations, (line, cross-line, and bin center XY's must be in the trace headers).
 - B. Common depth point gathers or partial offset/angle stacks processed for amplitude versus offset analysis (relative amplitude data, pre-stack migration, and with normal move-out corrections).
 - C. Attribute volumes such as AVO gradient, AVO intercept, Poisson's Ratio, etc.
 - D. The bin center locations (ASCII file).
 - E. Final stacking and migration velocities.
 - F. A report or reports describing the acquisition and processing (including polarity of the data). Hardcopy is acceptable if digital is not available.
 - G. A post-plot map of the final survey source and receiver locations with projection, datum, and scale clearly defined. Hardcopy is acceptable if digital is not available.
 - H. Completed Geophysical Processing Completion Report (available on the Division's website).
4. **Acceptable Data Formats:**
 - A. Seismic trace data – SEG-Y format, (original data format, i.e. 32 bit floating point).
 - B. Seismic location data – SEG-P1 format or ASCII text files.
 - C. Velocity data - ASCII text files or SEG-Y format.
5. **Data Projection, Datums, and Documentation:**
 - A. All data must be submitted in the original projection and datum that it was captured in to protect the integrity of the source.

B. All geographic data submitted must include metadata defining the projection and datum (NAD 27 or NAD 83), and should identify the original coordinate system, datum, and units. The metadata should follow the Federal Geographic Data Committee (FGDC) Content Standards for Digital Geospatial Metadata.

6. Acceptable Transmittal Media for Digital Data:

- A. Digital Versatile Disc (DVD)
- B. Compact Disc (CD-ROM, CD-R, CD+R, CD-RW, & CD+RW)
- C. External USB Hard Drive (3.0 preferred)

7. Each document and electronic medium must be labeled with the correct MLUP number. Under Alaska Statute AS 38.05.035(a)(8)(C) and 11 AAC 96.220 the department will treat the information as confidential only upon written request by the person supplying the information, and only within the provisions of the law. To request this confidentiality mark the data transmittal, each document, container or medium used to transfer the information should be marked “Confidentiality requested under 38.05.035(a)(8)(C) and 11 AAC 96.220”.

8. The state will reimburse the permittee for reasonable reproduction and shipping costs directly incurred as a result of complying with the requirement to submit seismic exploration data (11 AAC 96.230). Reimbursable costs of reproduction include only the cost of the media on which the data are recorded; for instance DVDs, CDs, or External USB Hard Drives. **The state will not reimburse for indirect costs of preparing the data or the medium, such as time, personnel, equipment or contract services used to comply with the data request.** Invoice(s) must clearly specify the reimbursable costs associated with each MLUP number and survey.

The division will initiate reimbursement procedures within 30 days after it has received an acceptable copy of all the requested geologic, seismic and stratigraphic exploration data if it has received an invoice. Data, invoices, and a signed copy of this Geophysical Data Submission Requirements submitted should be either hand-carried by bonded courier or mailed by registered mail to:

Heather Ann Heusser, Resource Evaluation Section
Alaska Department of Natural Resources, Division of Oil & Gas
550 W. 7th Avenue, Suite 1100
Anchorage, AK 99501-3510

Telephone: (907) 269-0137
Email: heather.heusser@alaska.gov

Hold data confidential

Release data to public

Acknowledgment:

_____ Date _____ MLUP# _____

Signature of Permittee
(Sign and return before beginning operations)

This action does not eliminate the need to submit data sets in accordance with AS 43.55.023 or AS 43.55.025 tax credits; multi or cross use of geological, geophysical or well data is not accepted for tax credits.