

## Attachment 1

### Construction Permit Application Information Reference Table for Alaska LNG Gas Treatment Plant (GTP)

(Resource Reports from Exhibit F, Alaska LNG April 17, 2017 FERC application, Docket # CP17-178. The GTP Construction Permit and TAR Supporting this Application are Provided in Attachment 4 to this Application)

Citation (prefix varies)	Description	Project Information Required? (Y/N)	Information location reference	Remarks
n/a	ADEC Air Quality Construction Permit Application, Project Information Form (Project Information Form)	Y	<p>The Project Information Form is the central document of this updated application, and is an updated version of the original table submitted as <b>Attachment 1</b> to the December 29, 2017 GTP Construction Permit Application.</p> <p>Additional information related to Project Description (Section 9 of the Project Information Form) has not changed and is available in <i>Resource Report 1 (Attachment 2)</i> to the December 29, 2017 GTP Construction Permit Application. It includes:</p> <ul style="list-style-type: none"> <li>-a description of GTP in Section 1.3.2.8, page 1-55 of <i>Resource Report 1</i>, and</li> <li>-a project construction schedule in Section 1.5.1, page 1-115 of <i>Resource Report 1</i>.</li> </ul>	Section 11 of the <i>Project Information Form</i> provides a comprehensive list of permit application attachments. The GTP Construction Permit (AQ1524CPT01) and the supporting Technical Analysis Report (TAR) are incorporated by reference as part of this application.
Applicable Federal PSD Regulations (40 CFR regulatory citation prefix)				
51, Appendix W	Guideline on Air Quality Models	Y	A modeling protocol for the GTP was submitted to the Department in September, 2017 and subsequently approved. The <i>ADEC Modeling Protocol Approval Letter</i> is included as <b>Attachment 3</b> to the December 29, 2017 GTP Construction Permit Application.	Attachment 3 to the December 29, 2017 GTP Construction Permit Application also included a response to comments made in the <i>Protocol Approval Letter</i> .
52.21 (a)(2)	Applicability procedures	Y	<p>Section 7 of the Project Information Form provides a summary classification of GTP regarding major stationary source status/applicability.</p> <p>The additional information related to GTP "Potential to Emit" (PTE) that was provided in <i>Resource Report 9 (Attachment 4)</i> to the December 29, 2017 GTP Construction Permit Application, Section 9.2.5.2.3, starting on page 9-74, has not changed.</p> <p>Details of the equipment design, fuel use, hours of operation, emission factors, projected load factors, and other operational considerations provided in the original application as <i>Appendix F to Resource</i></p>	The original application Resource Report appendices such as Attachment 5 have their own appendices, which follow the same lettering/order scheme. The designation "Appendix A to Appendix F" is not a typo.

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			<i>Report 9 (Attachment 5)</i> to the December 29, 2017 GTP Construction Permit Application, pdf pages 116-196 (Appendix A to Appendix F), have not changed.	
52.21 (h)	Stack heights	Y	Details related to Good Engineering Practice (GEP) stack heights for GTP emission units provided in the original application as <i>Appendix F to Resource Report 9 (Attachment 5)</i> to the December 29, 2017 GTP Construction Permit Application, Section 5.6, page 56, have not changed.	
52.21 (j)	Control technology review	Y	Control technology review details have been updated from the original application and are included in <i>Gas Treatment Plant (GTP) Best Available Control Technology (BACT) Analysis (Attachment 2)</i> to this Application.	Portions of the GTP BACT analysis are submitted as "confidential" consistent with the requirements of AS 46.14.520.
52.21 (k)	Source impact analysis	Y	<p>A summary of source impact analysis demonstrating compliance with NAAQS, AAAQS and PSD increment were provided in the original application in <i>Resource Report 9 (Attachment 4)</i> to the December 29, 2017 GTP Construction Permit Application, Section 9.2.5.2.3, starting on page 9-74.</p> <p>Details of source impact analysis have not changed from the information provided in <i>Appendix F to Resource Report 9 (Attachment 5)</i> to the December 29, 2017 GTP Construction Permit Application.</p> <p>Modeling Files associated with the GTP source impact analysis are provided in <i>GTP FERC Air Quality Modeling Files Regulatory Package (Attachment 7)</i> to the December 29, 2017 GTP Construction Permit Application.</p>	Attachment 7 to the December 29, 2017 GTP Construction Permit Application modeling files were provided only digitally and have a combined file size of nominally 240 MB.
52.21 (l)	Air quality models	Y	A summary of air quality models and versions used were provided in <i>Resource Report 9 (Attachment 4)</i> to the December 29, 2017 GTP Construction	Attachment 8 to the December 29, 2017 GTP Construction Permit Application included modeling

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			Permit Application, Section 9.2.5.2.3, starting on page 9-74, and have not changed.  Sensitivity analysis comparing modeling results for the current version of AERMOD vs the non-current AERMOD version used for Resource Report 9 were provided in <i>AERMOD Sensitivity GTP (Attachment 8)</i> to the December 29, 2017 GTP Construction Permit Application.	files that were provided only digitally and have a combined file size of nominally 120 KB.
52.21 (m)	Air quality analysis	Y	Pre-Construction monitoring requirements were met using maximum impact monitoring performed at the nearby Prudhoe Bay Unit Central Compression Plant (CCP) for the calendar year 2015. The Department already has access to that data, whose suitability for use is described in <i>2015 CCP Data Review Findings (Attachment 9)</i> to the December 29, 2017 GTP Construction Permit Application.	
52.21 (n)	Source information	Y	Required source information has not changed and is contained in the <i>Project Information Form</i> and in the specific references to Project Information Form attachments contained in this table.	
52.21 (o)	Additional impact analysis	Y	Required information was previously provided in <i>GTP Additional Impacts Analysis (Attachment 10)</i> to the December 29, 2017 GTP Construction Permit Application.	Attachment 8 to the December 29, 2017 GTP Construction Permit Application included modeling files that are provided only digitally and have a combined file size of nominally 380 MB.
52.21 (p)	Sources impacting Federal Class I areas	N	Information was previously provided in <i>GTP Sources Impacting Class I Areas Additional Requirements (Attachment 11)</i> to the December 29, 2017 GTP Construction Permit Application, documents why 52.21(p) is not applicable.	
Other Applicable Federal Stationary Source Air Quality Regulations (40 CFR regulatory citation prefix)				

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60	Standards of Performance for New Stationary Sources (NSPS)	Y	Information related to GTP applicability of Part 60 NSPS was previously provided in <i>Resource Report 9 (Attachment 4)</i> to the December 29, 2017 GTP Construction Permit Application, Section 9.2.6.6, starting on page 9-93. See the Remarks for updated information applicable to this application.	Section 9.2.6.6 is updated as follows: NSPS Subpart Kb is not applicable to GTP; NSPS Subpart Kc is applicable. Additionally, NSPS Subpart OOOOb is potentially applicable. NSPS Subpart OOOOa is not applicable.
63	National Emissions Standards for Hazardous Air Pollutants (NESHAPs)	Y	Information related to GTP applicability of Part 63 NESHAPs was previously provided in <i>Resource Report 9 (Attachment 4)</i> to the December 29, 2017 GTP Construction Permit Application, Section 9.2.6.7, starting on page 9-94.	See 18 AAC 50.316 discussion below for 63.5(d)(1)-(2) requirements.
68	Chemical Accident Prevention Provisions	Y	Information related to GTP applicability of Part 63 NESHAPs was previously provided in <i>Resource Report 9 (Attachment 4)</i> to the December 29, 2017 GTP Construction Permit Application, Section 9.2.6.8, on page 9-95.	
Other 40 CFR	Various	Varies	Applicability of other 40 CFR stationary source air quality requirements were previously provided in <i>Resource Report 9 (Attachment 4)</i> to the December 29, 2017 GTP Construction Permit Application, Section 9.2.6, starting on page 9-85.	
Applicable Alaska Regulations (18 AAC regulatory citation prefix)				
50.306(c)(3)	PSD Permits- Issuance	n/a	n/a	GTP does not wish to have Title V Operating Permit integrated review, and will make application for an operating permit at a later date.
50.316 (a)	Review of HAP-Major source	Y	Section 7 of the <i>Project Information Form</i> provides summary classification of GTP regarding major stationary source status/applicability.	18 AAC 50.316(a) is the process in the Alaska State Implementation Plan for meeting 40 CFR 63.5(d)(1)-(2) requirements related to application for approval of construction of a HAP-Major Source

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			<p>Additional information related to GTP HAP "Potential to Emit" (PTE) was previously provided in <i>Resource Report 9 (Attachment 4)</i> to the December 29, 2017 GTP Construction Permit Application, Section 9.2.5.2.3, starting on page 9-74.</p> <p>HAP emissions by emission unit were previously provided in <i>Appendix F to Resource Report 9 (Attachment 5)</i> to the December 29, 2017 GTP Construction Permit Application, pdf page 173 (Appendix A to Appendix F)</p>	
Other 18 AAC	Various	varies	<p>Applicability of other 18 AAC 50 stationary source air quality requirements were previously provided in <i>Resource Report 9 (Attachment 4)</i> to the December 29, 2017 GTP Construction Permit Application, Section 9.2.6, starting on page 9-85. See Remarks for updates applicable to this application.</p>	<p>See prior revisions to Part 60 requirements above. Notably, 18 AAC 50.080 has been repealed. The additional requirements of 18 AAC 50.265 are potentially applicable to this Title V source.</p>
Applicable Alaska Statutes (no citation prefix)				
AS 46.14.520	Confidentiality of Trade Secrets	Y	<p>Information requesting certain portions of this application be considered confidential information is provided in the <b>Confidentiality of Records Application and Certification (Attachment 3)</b>.</p>	