



THE STATE
of ALASKA
GOVERNOR MICHAEL J. DUNLEAVY

Department of Environmental
Conservation

DIVISION OF SPILL PREVENTION AND RESPONSE
Contaminated Sites Program
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May 10, 2019

File: 2323.38.036

Sent via electronic mail only

Trans-Foreland Pipeline Company
Attn: Scot Pace
48237 Kenai Spur Highway
Kenai, AK 99611

Re: Institutional Controls (ICs) Verification for: **Phillips Petroleum LNG Plant-2002;**
48385 Kenai Spur Highway

Dear Mr. Pace,

The Contaminated Sites Program conducts periodic verification of closed sites where institutional controls (land use restrictions) are required under 18 AAC 75.375. We have identified Phillips Petroleum LNG Plant-2002 as a site with institutional controls.

Trans-Foreland Pipeline Company should be aware that there are ongoing obligations for this site.

In order to prevent people from being exposed to any remaining contamination on the property, **this letter is being sent as a reminder** of the conditions placed on the property as part of the 2016 Conditional Closure granted by the Alaska Department of Environmental Conservation (ADEC). At the time of closure, soil and groundwater contamination were documented as remaining on the property. The contamination is from a significant concentration of arsenic discovered during Heat Exchanger maintenance.

Please be advised that the Phillips Petroleum LNG Plant-2002 site is subject to the following standard and site-specific conditions and/or institutional controls:

1. Any future change in land use may impact the exposure assumptions cited in the 2016 Conditional Closure. If land use and/or ownership changes, current institutional controls may not be protective and ADEC may require additional remediation and/or institutional controls. Therefore, ConocoPhillips will report to ADEC every three years to document land use, or as soon as there is any change in land ownership and/or use. The report can be sent to the local ADEC office or submitted electronically to CS.Submittals@alaska.gov.
2. The signage required in the 2016 Conditional Closure shall be maintained around the perimeter of each area of arsenic contaminated soil. Any substantial modification to the February 11, 2015, Plan for Arsenic Signage and Placement must be provided to ADEC for purposes of agency review, approval, and documentation.
3. The Facility Operator shall maintain an arsenic training module, mandatory for both employee, and unescorted contracted, outdoor workers. The training shall inform outdoor workers of the six areas of arsenic contamination, the associated outdoor worker exposure risks, and establish access restrictions in order to control outdoor worker exposure. Any substantial modifications to the February 13, 2015,

Arsenic Training Module must be provided to ADEC for purposes of agency review, approval, and documentation.

4. ADEC approval is required prior to moving any soil or groundwater off any site that is subject to the site cleanup rules [see 18 AAC 75.325(i)]. A "site" [as defined by 18 AAC 75.990 (115)] means an area that is contaminated, including areas contaminated by the migration of hazardous substances from a source area, regardless of property ownership. In the future, if soil will be excavated or groundwater will be brought to the surface (for example to dewater in support of construction) it must be characterized and managed following regulations applicable at that time and ADEC approval must be obtained before moving the soil or water off the property. *This is a standard condition.*
5. Movement or use of contaminated material in a manner that results in a violation of 18 AAC 70 water quality standards is prohibited. *This is a standard condition.*
6. Groundwater throughout Alaska is protected for use as a water supply for drinking, culinary and food processing, agriculture including irrigation and stock watering, aquaculture, and industrial use. Contaminated site cleanup complete determinations are based on groundwater being considered a potential drinking water source. In the event that groundwater from this site is to be used for other purposes in the future, such as aquaculture, additional characterization and treatment may be required to ensure the water is suitable for its intended use. *This is a standard condition.*

In addition to the conditions above, you are required to notify the ADEC if there are any changes in land use or ownership. Failure to maintain these requirements may result in re-opening the site by the Contaminated Sites Program, in which case, further remediation could be mandatory.

In accordance with 18 AAC 75.380(d)(2), ADEC may require additional site assessment, monitoring, remediation, and/or necessary actions at this facility should new information become available that indicates contamination at this site may pose a threat to human health or the environment.

If you seek to have the institutional controls removed from this site, you can choose at any time to voluntarily conduct additional assessment, monitoring or further cleanup to demonstrate that contamination at the site now meets the applicable cleanup levels under 18 AAC 75.

This site information is a matter of public record and is available through ADEC's online database record at: <http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/SiteReport/3932>

The ADEC will issue a reminder letter such as this on a scheduled basis, every three years. If you have any questions regarding this site, please contact me at (907) 465-5229 or evonne.reese@alaska.gov and I will be glad to assist you.

Sincerely,



Evonne Reese
Environmental Program Specialist
Institutional Controls Unit

Encl: 2016 Conditional Closure

Note: In the interest of reducing file space, the Division of SPAR/Contaminated Sites Program has transitioned to electronic transmission of project correspondence. Please provide us with your current e-mail address (if you have one) so that we may issue future correspondence to you in an electronic format.

You may submit any needed documentation electronically. If your submittal is too large to email (i.e. exceeds 20 megabytes), you may submit it to me through the Alaska ZendTo "drop-off" option at <https://drop.state.ak.us/drop/>. The Division of SPAR/Contaminated Sites Program prefers and encourages electronic submittals.

From: [Pace, Scot E.](#)
To: [Mead, Mossy \(DEC\)](#)
Subject: Read: Institutional Controls reminder letter for LNG Plant site
Date: Friday, May 10, 2019 9:09:04 AM

Your message

To:
Subject: Institutional Controls reminder letter for LNG Plant site
Sent: Friday, May 10, 2019 5:09:04 PM (UTC+00:00) Monrovia, Reykjavik
was read on Friday, May 10, 2019 5:08:58 PM (UTC+00:00) Monrovia, Reykjavik.