

## Field Report

Date: June 6, 2011

Weather: Clear, Wind Westerly 0-10 kts.

Project: Gustavus Bulk Fuel Project, Phase 2

Contractor: Western Marine Construction

### Observations/ Comments

John Conway, CMG.

Arrived on site at 10:30 am, met Kriss Hart of Western Marine Construction and began walking the jobsite. Departed jobsite at 2:30pm.



Dock View West from Bent 14

### Construction Status/Progress

Welded pipeline for all 3 product types has been run from approximately Bents 3-4 all the way out to the end of the dock. In locations where there is a change of direction and/or an expansion loop required the pipe are placed into location but not welded. A two man crew is installing permanent support trapeze assemblies from Bent 10 towards the beach. The pipelines are being leveled to final elevation as the trapeze frames are installed.

Pipefitter/Welding crew are welding expansion loops in the staging area in preparation for installation where required.

Pipe sections are being pressure tested as each joint is welded onto a run. Sections will be pressure tested again as the expansion sections are added.

### Concerns/Issues to Address

Kriss Hart expressed concern about the testing requirements and who was responsible for the final commissioning of the pipeline. John Conway will follow-up and obtain additional information about testing requirements. Contact was made with John Dickerson of Alaska Energy & Engineering, Inc., the design engineer, and there are no special testing requirements during construction other than the pipe section pressure test noted on the drawings. Final commissioning and testing is the responsibility of the Facility Operator.



**View North from Bent 3**



**View South from Bent 3, pipelines temporarily placed prior to trapeze installation**



**Pipelines at Island, Bent 11**



**Pipelines at Bent 11, with Caps for pressure testing/pulling**



**Temporarily Suspended Pipelines, prior to Trapeze installation**



**Trapeze Materials**



**Trapeze Materials**



**Trapeze in place prior to clamp and isolation pad installation**



**Expansion Loops prepared for installation**



**Welded Bends**