

Quarterly Report - Public

Date of Report: 7th Quarterly Report – September 30, 2024
Contract Number: 693JK32210010POTA
Prepared for: DOT PHMSA
Project Title: *Risk-Based Decision Support for Rehabilitation of Natural Gas Distribution Pipelines*
Prepared by: GTI Energy
Contact Information: PM: Khalid Farrag, Ph.D., P.E.
kfarrag@gti.energy - Phone: 847-344-9200
For quarterly period ending: September 30, 2024

1: Work Performed During this Quarterly Period

Continue working on Task 4 – Risk Assessment Tool. This task involves evaluating the causal relationships between the pipeline system properties and the threats that drive soil and pipe properties to increase corrosion potential. This quarter’s work involved the causal analysis of the parameters affecting pie corrosion. The attached Interim Report presents the development of a preliminary risk model that assesses soil interaction (such as soil resistivity and moisture) which result in increased corrosion-rate. Further work is in progress and will continue in the following quarter.

Figure 1 shows the deliverable in this quarter. Item 13 report on “Web-based risk Assessment’ is not complete yet. The deliverable in this quarter is only Item 14: the Quarterly Status Report.

Technical and Deliverable Milestone Schedule					
<u>Item No.</u>	<u>Task No.</u> (per proposal)	<u>Activity/Deliverable</u>	<u>Quarter No.</u>	<u>Expected Completion Date/Mos</u>	<u>Payable Milestone</u>
		<u>ACTIVITY/DELIVERABLE</u>			<u>TITLE</u>
13	4	Implement risk assessment in a web-based program	8	24 months	Report: 'Web-based Risk Assessment Approach'
14	8	Quarterly Status Report	8	24 months	Submit 8th quarterly report
Eighth Payable Milestone			8	24 months	SUBTOTAL

Figure 1 – 8th Quarterly Deliverable

4: Project Schedule

Figure 3 shows the project schedule and progress as of the end of 7th Quarter. No time-related issues are reported in this quarter.

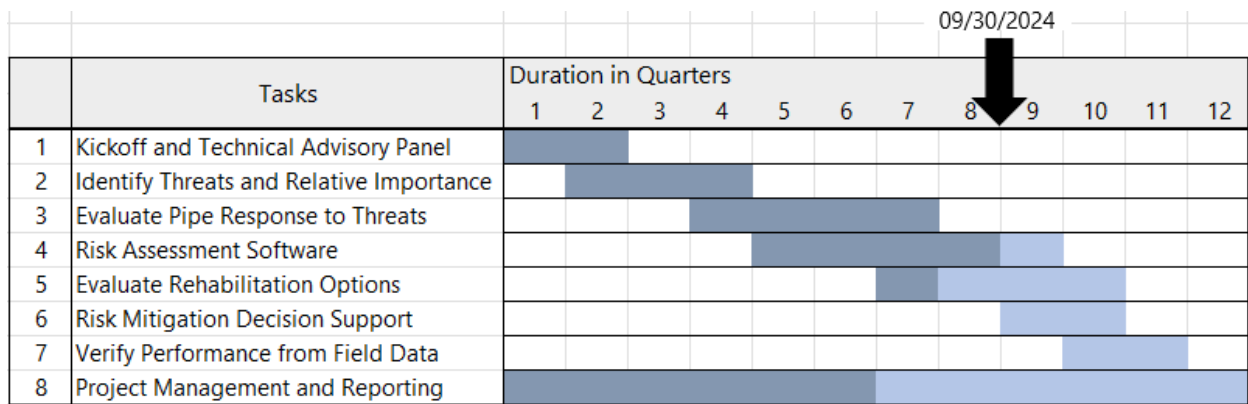


Figure 3 - Project time schedule

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