## **Quarterly Report – Public Page**

Date of Report:	4Q 2023 – December 31, 2023
<b>Contract Number:</b>	693JK310011POTA
Prepared for:	DOT
Project Title:	Investigate Damage Mechanisms for Hydrogen and
	Hydrogen/Natural Gas Blends to Determine Inspection Intervals
	for In-Line Inspection Tools
Prepared by:	David Bloedorn – Project Controls
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For quarterly period	
ending:	December 31, 2023

# 1: Items Completed During this Quarterly Period:

- Completed contract requirements as needed.
- Contacted TAP members and Cost-Share Partner Company, to notify them of the contract award.
- Added 2 Industry TAP members and 1 PHMSA representative to the TAP.
- Registered on PRIMIS site and updated any information changed since proposal submittal.
- Completed List of Literature References
- Conducted Project Kick-Off meeting with Project Team and TAP members 28 November 2023.
- Submitted October and November Monthly Reports.
- Completed and issued 4Q Report 2023.

### 2: Items Not-Completed During this Quarterly Period:

• No incomplete items. The project is on schedule.

### **3: Project Financial Tracking During this Quarterly Period:**

• Reference Internal 4Q 2023 Report.

### 4: Project Technical Status -

- Completed List of Literature References
- Conducted Project Kick-Off meeting with Project Team and TAP members 28 November 2023.

### 5: Project Schedule -

U		QU	AR	TER	LY I	PRO	GR	ESS	REF	OR	Т																							
YEAR						2024											2025					_	2				202							
Quarter from Start of Project	Q1		Q2			Q3			Q4			25		Q6			Q7			Q8			Q9			Q10			Q11			Q12		
Month	1 2	2 3	4	5	6	7 8	3 9	10	11	12	13 1	4 1	5 16	5 17	18	19	20	21	22 2	3 2	4 2	5 2	.6 2	7 2	8 29	9 30	31	ι 32	33	34	35 3	6		
Task 1 - Perform Literature Review and Public Industry Outreach																																		
Task 2 - Review ASME B31.8S Table 3 and Other Risk Assessment Tools																																		
Task 3 - Recommend Revisions in 49 CFR 192, ASME B31.8S, and ASME B31.12																																		
Task 4 - Determine Changes to Integrity Management Reinspection Intervals																																		
Task 5 - Evaluate Analyses for Different Hydrogen/Natural Gas Blends																								Т										
Task 6 - Evaluate Analyses for Threats Informed by Previous Study																																		
Task 7 - Perform Validation to Confirm Threats Result from Hydrogen Service																																٦		
Task 8a – Deliver reported results – quarterly and monthly status reports																																		
Task 8b – Deliver reported results – draft final report																								Т										
Task 8c – Deliver review comments from academic TAP members																								Т										
Task 8d – Deliver reported results – final report																								Т										
Task 9a – (Other) Technology transfer – presentation													Т								Т			Т										
Task 9b – (Other) Technology transfer – publication													Т								Т			Т										
Task 9c – Deliver public version of final report																								T										
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