

PROJECT STATUS REPORT

To:	Village of Lytton	Contact:	Recovery Director - Ron Mattiussi
Project:	Lytton Recovery	From:	James Heigh
Report Period:	April 2022	Date Issued:	May 10, 2022

1. Project Dashboard

Current Project Phase:



Status	Overall Status	Scope	Budget	Schedule
Last Period	-	-	-	-
This Period	Low Risk	Moderate Risk	On Track	Low Risk

Project Status Executive Summary

Matcon completed debris removal from the following properties in Zone 1 during this period:

- Lytton Firehall, 500 Fraser Street
- Lytton Pool, 400 Fraser Street
- Lytton Public Works Yard, 14 & 30 Main Street
- Lytton Museum, 420 Fraser Street
- Lytton Tourist Information Centre, 400 Fraser Street
- 85 Fraser Street
- 71 Fraser Street
- 33 Fraser Street
- 84 First / Main Street
- 55 Main Street
- 58 Main Street
- 68 Main Street
- 71 Main Street

In the second of week of April, Matcon was working with Kinetic OHS for testing air samples required by WSBC. Current test results show all levels are in conformance with WSBC standards.

Matcon will be taking over site security commencing on May 2, 2022. Matcon will be hiring LFN members as the security guards to provide 24 hr security throughout the week.

In the month of April, IBI Group

- Collected ~120 samples of burned debris from Zone 1 to Zone 7 with a few exceptions on properties that need to be confirmed to be within scope.

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- Collected soil samples from Zone 1 and 2, and are waiting for laboratory analysis.
 - Zones 3 to 7 plus Hobo Hollow cannot be soil sampled as areas are not added to the Heritage Permit yet.
 - Stage 1 PSI progress:
 - o Historic Research and Records Review – 75% complete
 - o Interviews – 70% complete
 - o Site Inspection – complete
 - o Report Preparation – 40% complete

Majority of samples collected are categorized as waste soils based on metal concentrations. Lateral stepouts and test pits are being used for lateral and vertical delineation of soil impacts. Sample analysis results for Zone 1 have been received, IBI Group is continuing to work on the Stage 1 Preliminary Site Investigation (PSI) and collection of debris samples from select properties still requiring sampling from Zones 3 to 7.

As of April 28, 2022, AEW conducted seventeen days of monitoring contractor debris removal and screening material for potential heritage artifacts. As of Submission 3 Rev 1, forty three lots have been approved for monitoring. AEW is actively monitoring work at thirty four approved lots, in addition to nine lots pending approval, and three Ad hoc sites. Five potential heritage sites have been previously identified and work in these areas will require further investigation and Site Alteration Permits.

Four Incident reports submitted by AEW stating:

- OnSide Restoration worked on Hobo Hollow without giving any notice to KHC or AEW
- Soil sampling conducted at registered archeological site without Site Alteration Permit.
- Matcon machine began excavation to expose a utility line on the sidewalk and roadway in front of PID 026450640 at 10 U 601105 5565397 without a monitor
- Hydrovac truck begin working at one location at the Lytton Museum without hydrovac activities started without being added to the Heritage Investigation Permit (this activity has now been added to the HIP)

Termination of the contract between OnSide Restoration and the Village of Lytton for all current services will be on May 1, 2022.

As Right of Entry Permit (RoEP) have been progressively received from the residents, the schedule risk of receiving permission from private property owners is gradually being reduced. Since the Heritage Investigation Permit has not been amended to include Zone 3 through 7 and Hobo Hollow in this period, subsurface sampling or excavation work in these locations have not started.

The Village has a milestone of the week of May 16th to remove/address all hazards in Zone 1 and Hobo Hollow to create an access corridor for residents of the West Side across the CN Rail bridge when the MoTI Ferry ceases operation due to high water. The Ferry traditionally ceases operations at the end of May or early June.

2. Key Risk Changes

Risk Title	Impact on Scope / Schedule / Budget	Mitigation Strategy
Archeological delays due to registered archaeological sites or chance finds	Schedule & Budget	<ul style="list-style-type: none"> • Work closely with Archaeologist and identify known archeology sites ahead of time, obtain Site Alteration Permit. • Increase manpower and machinery to expedite the schedule if needed.
RoEP signoffs are required to access properties. Delay's in obtaining the RoEP will delay the project.	Schedule	<ul style="list-style-type: none"> • Follow up with residents to receive RoEP signoffs on a timely manner and have the properties included onto Heritage Investigation Permit (HIP) to prevent project delays. • Develop a process using the State of Local Emergency (SOLE) that will allow the project team to complete debris removal and remediation activities where RoEP have not been received.
Heritage Investigation Permit delays can affect project schedule and budget	Schedule & Budget	<ul style="list-style-type: none"> • Work with Kumsheen Heritage Committee and the Province of BC, Heritage Branch to have properties listed on Heritage Investigation Permit in order to start subsurface soil sampling and excavation. • Maintain a project contingency within the budget to compensate for additional equipment and workforce needs during investigation work.
Site Alteration Permit delays can affect the project schedule and budget	Schedule & Budget	<ul style="list-style-type: none"> • Work with Kumsheen Heritage Committee and the Province of BC to identify properties requiring a Site Alteration Permit and expedite the permitting and planning for those sites. • Maintain a project contingency within the budget to compensate for additional equipment and workforce needs during investigation work.
Asbestos and Vermiculite contents in soil and air	Schedule & Budget	<ul style="list-style-type: none"> • Matrixes containing asbestos and vermiculite found in soil and air are above 1% according to CSR regulation, further analysis and study required. • Continue to complete air monitoring and testing on a weekly basis to analyze the risks during construction activities.

Misunderstanding between the prime contractor and subcontractors	Schedule	<ul style="list-style-type: none"> Colliers to ensure and lead the communication and coordination among all the contractors and subcontractors. Matcon to coordinate bi-weekly construction/coordination meetings to ensure clear communications to all teams.
Long process in dealing with Chance finds	Schedule	<ul style="list-style-type: none"> Colliers to expedite getting properties on the Heritage Investigation Permit, so that contractors can move and work on the other properties as the archeological assessments are completing.
Application submission of properties on the permit	Schedule	<ul style="list-style-type: none"> Individual properties submitted on the permit do not include the frontage outside on the property boundary. This can delay the capping of services and completion of critical infrastructure until added to the permit. Those areas are being submitted as separate applications.
Public Access to CN Rail bridge during Ferry closure	Scope	<ul style="list-style-type: none"> Village and Province to work directly with Insurance industry to advocate for the clean-up of Insured properties within the Zone 1 areas. Recovery team to initiate contingency plans to allow access if remediation cannot be completed.

3. Budget Status

The project budget is specific to the debris removal and remediation activities within the Village of Lytton. In April, Colliers issued the fully executed change order #1 for Matcon to continue in the role of Prime Contractor for the Village of Lytton recovery project.

Current Project Status	Cost	Comments
Baseline Budget	\$19,190,500.00	Planned budget
Committed	\$ 7,454,526.00	Colliers Project Leaders, Matcon Environmental, IBI Group, and A.E.W LP
Approved Change Orders	\$ 6,364,200.00	Approved CO in April 21, 2022
Forecast Cost at Completion	\$19,190,500.00	
Forecast Variance at Completion	\$ 0.00	

4. Schedule Status

Matcon continues with surface debris removal in Zone 1 as the Village receives RoEPs, once properties have been reviewed by the Kumsheen Heritage Committee (KHC) and added to the Heritage Investigation Permit by AEW, IBI Group will start subsurface soil sampling, and based on the test results

Matcon will proceed with subsurface soil and concrete removal. AEW will cease all mechanized work and contact VoL, NNTC and the Archeology Branch in the event of any unanticipated potential cultural materials or features (“chance finds”) are encountered by construction personnel or other individuals during development activities, or observed by heritage field technicians during monitoring. Matcon would continue work on other properties until the archeological assessment of any such finds is completed, minimizing schedule impacts.

Row	Milestone	Planned Baseline	Current Plan	Actual/Forecast	Variance Current Plan – Actual/Forecast (weeks)
1	Procurement of Environmental QP	Mar 01, 2022	Mar 01, 2022	Mar 01, 2022	0
2	Procurement of Prime Contractor	Mar 01, 2022	Mar 01, 2022	Mar 01, 2022	0
3	Procurement of Archaeologist and Heritage Monitors	Apr 01, 2022	Apr 01, 2022	Apr 01, 2022	0
4	Construction mobilization	Mar 08, 2022	Mar 08, 2022	Mar 08, 2022	0
5	Completion of Work in Zone 1 and Hobo Hollow	May 19, 2022	May 19, 2022		0
6	Establish a safe corridor between Highway 12 and CN Rail bridge for public access	May 19, 2022	May 19, 2022		0
7	Completion of Work in Zone 2	June 6, 2022	June 6, 2022		0
8	Completion of Work in Zone 3	June 22, 2022	June 22, 2022		0
9	Procure Watershed Analysis Engineering Team	June 24, 2022	June 24, 2022		0
10	Completion of Work in Zone 4	July 8, 2022	July 8, 2022		0
11	Completion of Work in Zone 5	July 26, 2022	July 26, 2022		0
12	Completion of Work in Zone 6	August 11, 2022	August 11, 2022		0
13	Completion of Work in Zone 7	August 29, 2022	August 29, 2022		0
14	Substantial Performance	Sept 30, 2022	Sept 30, 2022		0

Task ID	Item	Planned	Actual/Forecast	% Complete	Variance Current Plan – Actual/Forecast (weeks)
Upcoming Tasks (Next Period)					
	IBI continues with Stage 1 PSR and debris sampling in Zone 6 and 7	April 19, 2022		60%	0
	IBI to commence sub-surface sampling in Zones 2-7	May 15, 2022		0%	
	IBI to submit Notice of Independent Remediation (NOIR) and Site Risk Classification Reports (SRCR)	April 25, 2022		50%	0
	Matcon starts surface debris removal in Zone 2	April 25, 2022		60%	0

Task ID	Item	Planned	Actual/Forecast	% Complete	Variance Current Plan – Actual/Forecast (weeks)
	Matcon to start subsurface remediation in Zone 1 and Hobo Hollow area	April 25, 2022		60%	0
	Initiate Site Alteration Permit for identified Archaeological Sites in Zone 2	April 30, 2022		15%	0
	WWTP water main valve replacement with Matcon	May 31, 2022		0%	0
Completed Tasks (Last Period)					
	Developed Bi-Weekly Construction Meetings (Matcon)	April 19, 2022	April 19, 2022	100%	0
	Developed Weekly Archaeology Meetings (A.E.W.)	April 28, 2022	April 28, 2022	100%	0
	Completed initial debris removals on 5 municipal properties and 8 private properties	April 30, 2022	April 30, 2022	100%	0
	Completed surface sampling of ash and debris in Zones 1 – 7 and Hobo's Hollow	April 30, 2022	April 30, 2022	100%	0
	Award CO #1 to Matcon for remainder of debris removal and remediation on uninsured properties	April 21, 2022	April 21, 2022	100%	0
	Complete Well #2 repairs, including turbidity sensor and remote operations	April 19, 2022	April 19, 2022	100%	0
	Award CO #1 to Urban Systems Limited for Civil Engineering Contract extension	April 27, 2022	April 27, 2022	100%	0

5. Project Photos



Figure 1 – Burnt Car Removal – 55 River Road



Figure 2 – Metal Debris Removal – 45 River Road



Figure 3 – Hydrovac sediment pile #1 (from museum).



Figure 4 – Hobo Hollo - Debris removal on properties



Figure 5 - Museum Debris Removed



Figure 6 - Zone 1 as of May 2



Figure 7 – Zone 1 Lot 84, 68, 58 debris and concrete removed



Figure 8 – Zone 2 Lot 144 debris removed