

# ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)

[2019 EDITION]

BRIDGEPOINT SUPPLY CHAIN SOLUTIONS INC GROUP UNIT # 2, BUILDING G, 20 BARNES CT, CONCORD, L4K 4L4 416-307-2100 FAX: 416-907-1110

## **Environmental Management System Manual**

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Prepared by :	

Approved by :

(Top Management)

## **Revision History**

Revision Date	Description	Sections Affected	Revised By	Approved By

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# Introduction

Bridgepoint Environmental Management System (EMS) is a small but cohesive organizational approach to environmental management with the goal of making environmental considerations part of daily activities across all divisions. As a transport company energy consumption is the primary resource, we have an opportunity to manage and reduce emissions for the benefit of our country and the planet. Summary listed in Bridgepoint Environmental Policy guidelines and Initiatives.

# 1.0 General

# 1.1 Company Profile

BP is a think tank group commitment is to change the current supply chain paradigm, by having a significant impact on process, technology, investment and regulatory compliance. Our new generation logistics software application in such areas as supply chain visibility and exception management, on-line metrics and score carding systems, available-to-promise and capable-to-deliver technology, will enable synergistic collaboration with key trading partners and logistics service providers to reduce overall costs.

Bridgepoint Supply Chain Solutions has 5 operating divisions managing over 10,000 Shipments annually:

- Trucking Operations Freight Brokerage / Forwarding
- Supply Chain Consulting Technology Development Leasing & Financial Services

#### **Trucking Operations – Bridgepoint Express**

- Operates 6 Terminals & Cross-Dock facilities in major metropolitan areas across Canada and the USA
- Strategic asset share partnerships with major bona fide trucking companies with strong covenants in place. These agreements are reciprocal
- Specialist in Temperature Controlled shipping
- Dedicated program in Western Canada & USA for large manufacturers with closed loop systems

## Freight Brokerage - Bridgepoint Logistics

Pool of 10,000 carriers across North America and Continental Europe to supplement trucking operations.
A++ credit rating enables efficient closing of deals. Flexibility in choices, price points and service capabilities to deliver optimal service guarantee to customers

## Freight Forwarding - Bridgepoint Logistics

• Currently only land freight solutions to medium & large sized importers and exporters through its ability to negotiate volume contracts & quotas in North America.

## Supply Chain Management - Bridgepoint Consulting

 Consulting services to its customers and its own operating divisions to enable value creation through the supply chain. Impressive track record of creative solutions that have reduced lead times, reduced \$/kg & \$/mile and improved cash flows & systems integration

## Technology – Bridgepoint Tech

• R&D, exploration, development & adoption of technology that enhance our product and service line in the area of Supply Chain Management creating long-term value and sustainability for our customers. Current programs are development of an Intelligent Transport Management System, in-the moment assimilation of in-motion logistics data and set up of alternate fuel dispensing terminals.

## Leasing & Financial Services – Bridgepoint Services

• Equipment Leasing to its owner operators and medium sized fleet operators. AR Management Services.

## 1.2 Purpose of this Manual

This Manual defines the Environmental Management System (EMS) of Bridgepoint activities and contains:

- a) The Environmental Policy.
- b) Statements of responsibility and authority.
- c) An overview of the company's environmental procedures and controls.

d) The identification of the resources and training allocated to management, performance of work and verification activities including internal audit;

e) The appointment of the Environmental Management Representative (EMR); and f) The arrangement for periodic management reviews.

The purpose of this Manual is to demonstrate that this EMS meets Federal and Provincial Guidelines in Canada (14001:2004) requirements and provide guidance and direction for the implementation and operation of the EMS to all personnel including all relevant documents.

## 1.3 Scope of EMS at Bridgepoint

The scope of the EMS applies to the all business activities related to the products/services provided/ undertaken by Bridgepoint. Also, the locations and areas to be covered in the EMS.

# 2.0 Policy

## **1.4 Bridgepoint Environmental Policy**

Bridgepoint Environmental Management System is a small but cohesive organizational approach to environmental management with the goal of making environmental considerations part of daily activities across all divisions. As a transport company energy consumption is the primary resource, we have an opportunity to manage and reduce emissions for the benefit of our country and the planet.

#### Summary listed in Bridgepoint Environmental Policy guidelines and Initiatives. Appendix A

Bridgepoint is committed to protecting the environment of the Earth.

To minimize environmental impacts concerning our activities, products and services, we shall:-

- Comply with applicable Federal and Provincial legal requirements and other requirements to which the Company subscribes which relate to its environmental aspects.
  - Prevent pollution, reduce waste and minimize the consumption of resources.
- Educate, train and motivate employees to carry out tasks in an environmentally responsible manner.
  - Encourage environmental protection among suppliers and subcontractors.

The Company is committed to continual improvement of environmental performance.

This Policy will be communicated to all staff, contractors and suppliers, and be available on the g-drive.

Endorsed by Ekta Arun

(Signature)

Services and HR Director

Date: 03.09.2019



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# 3 Organization

Bridgepoint's corporate structure and EMS team plan – both mentioned below.

## 1.5 EMS Development and Implementation

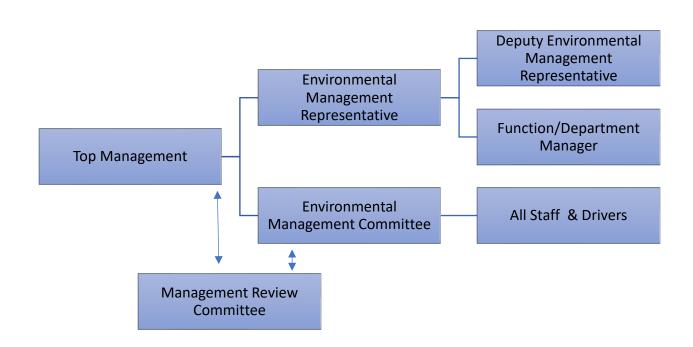
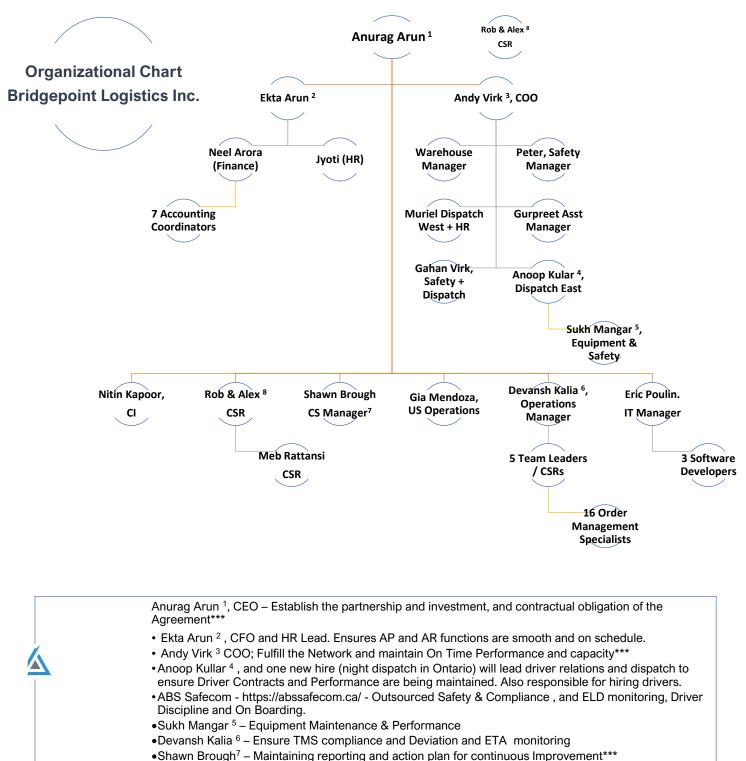


Figure 1 EMS Development and Implementation

Key resources are referenced as following and again as part of the organizational chart on the next page.

The chart lists key personnel names and titles.





•Rob Singh & Alex <sup>8</sup> – Freight brokerage for support as and booking back hauls for drivers.

\*\*\* Denotes authority to make financial and operational commitments.

Figure 2 Bridgepoint Organizational Chart



## 1.6 Responsibility

Overall role and responsibilities of the staff / function / department involved in the EMS such as top management, Environmental Management Representative, Deputy Environmental Management Representative, Environmental Management System Committee and Management Review Committee listed below.

#### 3.2.1 Top Management

is responsible for: a) endorsing the environmental policy;

b) ensuring appropriate resource allocation to enable the effective operation and continual improvement of the EMS.

#### 3.2.2 Environmental Management Representative (EMR)

The is the appointed EMR and has the responsibility and authority for: a) ensuring that EMS requirements are established, implemented and maintained in accordance with the Federal and Provincial Guidelines;

b) ensuring that sufficient resources are allocated for the proper implementation of the environmental policy and the EMS; regularly reviewing the policy and the effectiveness of the EMS and ensuring that the necessary changes are made.

EMR is also the Chairman of the EMS Committee and has the responsibility and authority for: a) leading the EMS Committee to establish and implement the EMS according to

Federal and Provincial Guidelines standard, and monitoring the performance of the EMS;

b) coordinating internal EMS audits to ensure the EMS has been properly implemented and maintained;

c) handling and investigating nonconformity and ensuring corrective and preventive action has been taken to mitigate any impacts caused;

d) reporting on the performance of the EMS to the top management for review and as a basis for improvement of the EMS.

The EMR, the DEMR, the EMS Committee and (Top Management) shall undertake the EMS management review annually to ensure top management commitment and integration of the EMS with business strategies for its implementation and continual improvement.

## 3.2.3 Deputy Environmental Management Representative (DEMR)

The (Position) is the appointed DEMR and has the responsibility and authority for:

a) assisting the EMR to ensure the EMS is effectively implemented and maintained in accordance with Federal and Provincial Guidelines standard;

b) assuming the responsibility and action of the EMR when the EMR is unavailable.

#### 3.2.4 Environmental Management System Committee (EMS Committee)

This committee is responsible for: a) the establishment and implementation of the EMS;



b) the establishment and review of objectives, targets, and programs;

c) ensuring the effective implementation of environmentally-related operational controls and programs;

d) the internal communication of environmental matters between management and employees; and promoting environmental awareness among company staff;

e) the review of complaint records, nonconformity, corrective action and preventive action reports and the adoption of preventive actions as necessary;

f) providing leadership in the pursuit of environmental issues;

g) any other EMS activities that are assigned by the EMR;

h) holding regular meeting (at approximately three-month intervals).

#### 3.2.5 Management Review Committee

The Committee systematically examines the EMS to ensure the suitability, adequacy and effectiveness of the EMS. The Committee comprises of the (Top Management), EMR, DEMR, and designated Function/Departmental Managers.

#### 3.2.6 Function / Departmental Manager

The Function / Departmental Managers are responsible for :

a) establishing controls for the identified significant environmental aspects for his/her function team / department according to procedures and instructions;

b) ensuring that the EMS is properly implemented and that environmental matters are properly handled at all stages;

## 3.2.7 All Employees

All employees are responsible for:

a) working in accordance with the documented environmental procedures and instructions, specific responsibilities defined in individual procedures and instructions; and

b) reporting problems or deviations associated with environmental issues and the

EMS to the EMS Committee.

## **1.7 Environmental Management System Requirements**

The EMS of COMPANY NAME is developed to manage significant environmental aspects so as to limit their impacts on the environment. The EMS is established in accordance with Federal and Provincial Guidelines; and is described in this section.



#### 1. Environmental Management System Documents

The purposes of these EMS documents are as follows:

Environmental Policy	Describes the intention and principles to be adopted in
Objective(s) *	relation to environmental performance, including but not limited to legal compliance, continual improvements and pollution prevention. Overall environmental goals Bridgepoint sets to achieve.
Target(s) *	The set of measurable performance requirements that
Program(s) *	Bridgepoint establishes to achieve the objectives. The program and schedule which Bridgepoint
Register of	implements to achieve the objectives and targets. Compiles the environmental aspects that are derived
Environmental Aspects	from the activities and services of Bridgepoint. The register also denotes the significance of the environmental aspects and the respective operational controls for significant environmental aspects.
Register of Legal and Other Requirements	Compiles the legal and other requirements, which include legislation, codes of practice, regulatory and non-regulatory guidelines that are applicable to Bridgepoint.
Environmental Forms/Records	Record information for the audit trail and the assessment of environmental conditions and performance.

## 1.8 Environmental Policy

(FEDERAL AND PROVINCIAL GUIDELINES)

The environmental policy of Bridgepoint is included in Section 2 of this document. It outlines the environmental commitments of Bridgepoint with respect to its operations, activities, and overall environmental performance. During the development of this policy, the appropriateness to the nature, scale and environmental impacts of Bridgepoint activities, products and services has been considered. The policy is endorsed by the Management and the policy shall be reviewed during the management review meeting. The policy shall stipulate the commitments of Bridgepoint to



continually improve its environmental management and prevention of pollution. Bridgepoint is also committed to comply with applicable legal requirements and other requirements to which Bridgepoint subscribes which relate to its environmental aspects. The environmental policy shall provide a framework for setting and reviewing objectives and targets, and must be maintained. implemented and communicated to all employees of Bridgepoint and its contractors.

#### 1.9 Planning

COMPANY NAME shall follow a "plan-do-check-act" process to facilitate continual environmental performance improvements. The planning process includes the identification and updating of Bridgepoint's Register of Environmental Aspects, and the Register of Legal and Other Together with Bridgepoint's environmental policy, Bridgepoint objectives and Requirements. targets are established, and program are formulated to achieve the objectives and targets.

## **1.10 Environmental Aspects**

The planning process commences with the identification and updating of environmental aspects. In order to evaluate the impacts of its activities to the environment, Bridgepoint shall establish, implement and maintain a procedure to identify the environmental aspects of its activities, products or services that it can control and those that it can influence taking into account planned or new developments, or new or modified activities, products and services. Bridgepoint shall ensure that all environmental aspects that may pose significant impacts to the environment are under control and prioritized for improvements.

Bridgepoint shall establish, implement and maintain a procedure to identify and maintain access to legal requirements that are relevant to the company, as well as other requirements that the company subscribes to which relates to the company's environmental aspects

Bridgepoint shall identify all relevant regulations, codes of practice and guidelines that are applicable to the environmental aspects of its activities, products and services, and record this information in the Register of Legal and Other Requirements.

## 1.11 Objectives, Targets and Program(s)

Based on the environmental policy and significant environmental aspects, environmental objectives and targets shall be established, implemented and maintained at each function and level within Bridgepoint. Programs are established, implemented and maintained for achieving its objectives and targets. When establishing and reviewing its objectives, Bridgepoint shall take into consideration the legal and other requirements, significant environmental aspects, technological options, financial/operational/business requirements, and the views of interested parties, and ensure that the objectives and targets are consistent with the environmental policy, including commitment to pollution prevention, to compliance with applicable legal requirements and other requirements, and to continual improvement. The program designate the responsibility for achieving objectives and targets at each function and level of the company, together with the means and time frame by which they are to be achieved. The Top Management shall approve the objectives, targets and program proposed by the EMS Committee before implementation. The EMR shall ensure that the objectives and targets are measurable if possible, and that the progress towards achieving the objectives and targets is continually monitored and reviewed.



The achievement of objectives, targets and program shall be reviewed by the EMS Committee every 3 months. The EMR shall lead the EMS Committee in revising the objectives, targets and programs as necessary. Bridgepoint shall ensure that the program are amended as appropriate for new projects and new or modified activities, products or services in order to ensure that environmental management applies to such projects and activities. In the event that objectives and targets in the program are not met, the EMR shall revise the program as necessary and maintain documented evidence / records for the actions taken to mitigate the problems. The EMR shall also maintain obsolete objectives, targets and program as an EMS record for three years.

## **1.12** Implementation and Operation

The implementation of the EMS requires Bridgepoint to clearly define roles, responsibilities and authorities of key personnel, commit to staff training, maintain effective communication channels, adopt effective document and operational controls, and maintain sufficient awareness on emergency preparedness among the staff.

## 1.13 Resources, Roles, Responsibility and Authority

Top management of Bridgepoint shall commit to provide resources (including human resources and specialized skills, organizational infrastructure, technological and financial resources) essential to the implementation and control of the EMS. The roles, responsibilities and authorities of key personnel shall be defined, documented, and communicated in order to facilitate effective environmental management. Bridgepoint will appoint one person as the Environmental Management Representative (EMR), and the 1 person as the Deputy Environmental Management Representative (DEMR) for the implementation and maintenance of the EMS. Their EMS responsibilities are described in section 3 of this manual.

## 1.14 Competence, Training and Awareness

Bridgepoint shall ensure all persons performing tasks for it or on its behalf, whose work may have a significant impact on the environment, are competent on the basis of appropriate education, training and/or experience, and shall retain associated records. Bridgepoint will need to ensure that all people performing tasks for or on behalf of the organization, which includes contractors, sub-contractors, temporary staff and remote workers, have had an appropriate assessment for their potential to cause a significant environmental impact and the associated competence required. Bridgepoint shall establish, implement and maintain procedures to identify the training needs associated with its environmental aspects and its EMS, and develop program to ensure awareness and competence, at each relevant function and level, by addressing:

- the roles and responsibilities in achieving conformity with the environmental management system;
- he importance of conformity with the environmental policy, the procedures and the requirements of the structured EMS; •the significant environmental aspects and related actual or potential impacts associated from their work activities and the environmental benefits of improved personal performance; • the potential consequences of departure from specified operating procedures;

# 1.15 Communication

For internal communication, the EMR shall ensure information regarding the EMS (such as the policy, objectives, targets and program) and environmental performance is readily available to employees on notice board,or is published on the intranet or newsletters. Employees with enquiries / complaints regarding to the EMS and/or environmental issues of Bridgepoint shall inform their Function / Departmental Manager. The designated member of EMS Committee



representing each division shall maintain a log for the relevant enquiries / complaints. For external communication, the environmental policy be available at the office. All internal and external enquiries communications shall be discussed and reviewed during the EMS Committee meeting and the decision shall be recorded. The team may publish environmental report.

## 1.16 Documentation

The Environmental Management System documentation encompasses four levels as described below : The first level is the Environmental Management System Manual (this document) which includes Bridgepoint's environmental policy (specifying the principal objectives and environmental commitments of Bridgepoint), and a broad description of how Bridgepoint addresses the FEDERAL AND PROVINCIAL GUIDELINES requirements. The EMS Manual serves as an interface to interpret the relationship between COMPANY NAME's EMS and the FEDERAL AND PROVINCIAL GUIDELINES Standard. An individual document of Objectives, Targets and Program is developed based on the company's environmental policy. It demonstrates the company's environmental commitment on continual improvement in environmental performance. The second level is the Environmental Procedures (EPs), which include all procedures that Bridgepoint shall follow. The third level is the Environmental Instructions (Els), which are operational control procedures or instructions, with defined responsibilities, to control the identified significant environmental aspects associated with Bridgepoint's operations and activities. The fourth level is Environmental Records, which arise from the implementation of the Environmental Management System Manual, Environmental Procedures and Environmental Instructions. Environmental Records include various checklists, reports and meeting records, etc, as defined in each Environmental Procedure and Environmental Instruction.

# **1.17 Control of Documents**

The essences of EMS documentation controls are:

- they shall be reviewed, revised as necessary and approved for adequacy by authorized personnel; that current version of relevant documents shall be available at all locations where operations essential to the effective functioning of the environmental management system are performed;
- that documents of external origin determined by the organization to be necessary for the planning and operation of the EMS are identified and their distribution controlled;
- obsolete documents shall be promptly removed from all points of issue and use, or are otherwise assured against unintended use; and
- any obsolete documents retained for legal and / or knowledge preservation purposes shall be suitably identified.
- Bridgepoint shall ensure that documentation is legible, dated (with dates of revision) and readily identifiable, maintained in an orderly manner, and retained for a specified period. Bridgepoint shall establish, implement and maintain a procedure for the creation and modification of the various types of documents and the respective responsibilities for such creation and modifications.

# 1.18 Operational Control

Bridgepoint shall establish, implement and maintain operation control procedures to manage its significant environmental aspects. Bridgepoint shall ensure that all operations and activities, carried out by Bridgepoint s employees or contractors, that are associated with the significant aspects are properly controlled, and that appropriate operational control procedures, in terms of Environmental Procedures (EPs) and Environmental Instructions (EIs), are communicated to personnel whose tasks may result in significant environmental aspects. Bridgepoint shall influence its staff and contractors by communicating its environmental policy and other relevant EPs and/or EIs to them.



## 1.19 Emergency Preparedness and Response

Bridgepoint shall establish, implement and maintain a procedure to identify potential emergency situations and responses to such situations in order to prevent and/or mitigate environmental impacts that may associate with them. Bridgepoint shall review and revise its emergency preparedness and response procedures.

## 1.20 Checking

While implementing the EMS, Bridgepoint shall monitor and measure the key characteristics of its operations and activities on a regular basis. These results shall be recorded together with nonconformity and the corrective action and preventive action. As part of the checking process, a periodic audit on the EMS shall provide a basis for management review.

## 1.21 Monitoring and Measurement

Bridgepoint shall establish, implement and maintain procedures to monitor and measure, on a regular basis, the key characteristics of its operations and activities that have significant impacts on the environment. This shall include procedures for tracking of performance, applicable operational controls and conformity with the company's objectives and targets, as well as the calibration and maintenance of monitoring equipment. To meet the commitment to compliance, Bridgepoint shall regularly monitor and evaluate the compliance status of the applicable environmental legal requirements. The records of the results of the periodic evaluations shall be retained.

## **1.22 Nonconformity, Corrective Action and Preventive Action**

Continual improvement of the EMS can be achieved by identifying nonconformity, correcting nonconformity, and preventing nonconformity from occurring again. Regarding nonconformity and its subsequent corrective / preventive action, Bridgepoint shall establish, implement and maintain a procedure which defines the responsibilities and authorities to:

- handle and investigate nonconformity;
- take action to mitigate the impacts caused;
- initiate and complete corrective and preventive actions;
- ensure that the corrective or preventive actions taken to eliminate the causes of actual and potential nonconformity are appropriate to the magnitude of problems and commensurate with the environmental impacts encountered;
- record the results of corrective and prevention actions taken;
- review the effectiveness of corrective action and preventive action taken;
- implement and record any changes in the documented procedures resulting from corrective and preventive action; and Bridgepoint shall also ensure that any necessary changes are made to environmental management documentation.

## **1.23 Control of Records**

Records shall be maintained to keep track of Bridgepoint's environmental performance, to demonstrate conformity to the requirements of the EMS, legal compliance, and to maintain audit trails in accordance with the requirements of the Federal and Provincial laws. Bridgepoint shall establish, implement and maintain a procedure to denote the identification, storage, protection, retrieval, retention and disposition of environmental records, to ensure that such records are legible, identifiable, and traceable to the activity, product or service involved, and that they are stored and maintained in such a



way that they are readily retrievable and protected against damage, deterioration or loss. The retention period of each type of environmental records shall be specified.

## 1.24 Internal Audit

Bridgepoint shall plan, establish, implement and maintain a program and procedures to carry out periodic environmental management system audits to:

- 1. determine whether or not the environmental management system:
- conforms to planned arrangements for environmental management including the requirements of Federal and Provincial Guidelines; and
- has been properly implemented and maintained
- 2. b) provide audit results and information for review for environmental improvement. The audit program, including the schedule, shall be based on the environmental importance of the activities concerned and results from previous audits. The audit procedures cover the audit criteria, scope, frequency and methods, as well as responsibilities and requirements for conducting audits and reporting results and retaining associated records.

Bridgepoint shall conduct EMS audits on a regular basis.

## 1.25 Management Review

The "plan-do-check-act" cycle shall require the top management of Bridgepoint to act and review the environmental management system periodically to ensure its suitability, adequacy and effectiveness. Before the Review, the EMR shall schedule for the management review and inform all the participants and gather all relevant records/requirements (such as change in legal requirements) and prepare a summary report (if necessary) for discussion. The (Top Management), EMR and DEMR together with the EMS Committee shall take part in the annual management review. They shall assess the work done in the past year in environmental management and evaluate the existing EMS with respect to changes in legislation, concerns of interested parties, Bridgepoint's business activities, technology and product requirements, and lessons gained from past experience, etc.

Topics to be discussed in the management review shall include but not be limited to:

- review of the environmental policy, objectives, targets, and program;
- review of legal compliance and compliance with other requirements (including contractor compliance on COMPANY NAME's activities);
- environmental aspects of activities and their disclosure to public;
- findings of the internal audits;
- review of nonconformities and the status of corrective/preventive actions;
- communications from external interested parties, including complaints;
- areas for improvement with respect to environmental performance;
- adequacy of emergency preparedness and response;
- changing circumstances, including developments in legal and other requirements related to its environmental aspects,
- identify the need for modification of the existing EMS in light of the above items, and
- follow-up action from previous management reviews.
- The review shall initiate a new "plan-do-check-act" cycle with improvements in Bridgepoint's environmental performance and further enhancement of the EMS.

Findings from the management review shall be recorded in the meeting minutes and the EMR shall retain it as an EMS record.



# 3.0 Appendix

## **1.1 Bridgepoint Environmental Policy**

Summary: Bridgepoint Environmental Management System is a small but cohesive organizational approach to environmental management with the goal of making environmental considerations part of daily activities across all divisions. As a transport company energy consumption is the primary resource, we have an opportunity to manage and reduce emissions for the benefit of our country and the planet. Think how we can impact this daily in our lives:

#### How do we reduce building consumption? – Facility Managers

- 1. Motion sensor for lighting and LED lighting throughout
- 2. Heating service on a time schedule
- 3. All equipment to be switched off if not being used
- 4. Building maintenance as per individual schedules

#### How do we reduce consumption in a truck? - Drivers

- 5. Watch your idling and implement ways to reduce it to a bare minimum
- 6. Use truck stops more often, you get reward points for using them
- 7. Accelerate smoothly and decelerate smoothly
- 8. Perform your PTI with great care and diligence; report any issues right away to dispatch.

#### How can equipment help us? - Purchasing Managers

- 9. Complete the ROI / Payback spreaders for specialized trailers vs non-specialized (tandem reefers & tandem dry vans).
- **10.** Scope the equipment spec in a fashion that provides highest fuel economy
- **11.** Assess economic viability of accessories that lead to lesser emissions for trailers, trucks, tow motors, electric power jacks, company cars, delivery vans, any equipment CAPEX
- **12.** Create purchasing agreements and schedules that allow for latest technology and rotation of inventory
- **13.** Maintain a median age of 2 years for all Bridgepoint equipment, including office equipment such as computers, laptops, printers; replace with energy efficient options.

#### How can routing help us? - Dispatch

- 14. Always look for routes that allow for least miles and optimal speed
- 15. Plan a driver's shift to minimize dead miles
- **16.** For open board freight, that is non-time sensitive, negotiate delivery windows with sales / CSR to allow for better contiguous movement to minimize dead time in a truck.
- **17.** Communicate with drivers to understand practical routing solutions and make them part of the journey to reduce emissions.
- **18.** Always use routing software for last mile deliveries.
- **19.** Maximize payload on every trailer, where load is not sealed, and customer is comfortable sharing trailer space.
- **20.** How can Network optimization help us? Sales
- 21. Be clear on all back-haul opportunities. Have dead miles report reviewed weekly.
- **22.** Negotiate higher pay loads with customers, provide innovation strategies around palletization, cubing in order to fit more freight per trailer.
- **23.** Understand customers' green initiatives and targets and collaborate on projects to make transportation an enabler.
- **24.** Attend energy conferences with operations team.

#### BRIDGEPOINT SUPPLYCHAIN



#### How can we reduce waste? - Finance

- **25.** Ensure paperless environment as long as no regulatory requirements are being violated.
- 26. Measure, monitor and benchmark all KPIs related to waste & emissions.
- 27. Create incentive programs for Top Performers.
- 28. Review all components and expense lines that have an environmental impact and review with sourcing team.
- 29. Promote innovation

#### How can maintenance help? – Safety & Maintenance

- **30.** Ensure we are exceeding guidelines for preventive maintenance.
- **31.** Ensure we are proactively performing checks and on track with schedules.
- **32.** Focus on areas that have an environmental impact as a priority. Engage with drivers to better understand the nuances of each equipment.



## **1.2 Bridgepoint Environmental Initiatives**

Green transportation and sustainable freight transportation are important initiatives considering rising fuel cost and environmental concerns. At Bridgepoint, the constant goal is to work towards creating a sustainable transportation model; critical for protecting the environment.

#### **Environmental Initiatives**

- 1. Idling Time: Consider this the same as turning off lights or computers at home or in an office. Take advantage of truck stops and use their auxiliary units or truck stop electrification systems. These let you heat or cool your truck instead of wasting diesel while idling and emitting greenhouse gas emission.
- 2. Speed Reduction and Acceleration: It is hard to maintain a constant speed with the number of vehicles on the road today but try to maintain and do so. Be cautious of the traffic flow by looking ahead for brake lights and smoothly decelerate. Accelerate smoothly to get to top speed.
- 3. Regular Maintenance and Upkeep: Our fleet and owner-operators should keep regular maintenance and upkeep on their vehicles. Frequently ensure proper tire pressure and check fluid levels. You must also change oil, oil filters, and air filters. These are important factors in improving fuel efficiency and creating a healthier environment. Keep these tips in mind in your regular passenger vehicles as well!
- 4. Route Planning: Planning ahead improves efficiency and ensures that our trucks are used to capacity. It also helps you avoid bad weather, added driving time, and frustrating traffic jams.
- 5. Improved Use & Education: For drivers, provide information about the ways to monitor and reduce carbon emissions. At Bridgepoint, we have a meeting with our drivers to discuss reducing idling time as much as possible, and discuss opportunities
- 6. **Collaborative Distribution**: When load planning and dispatching, we should always consider merging different loads destined for the same end point to maximize trucking efficiency.
- 7. Aerodynamics: Installing aerodynamic panels on trailers and replacing older units with new ones is critical.
- 8. **Paperless**: We avoid printing paper internally unless it is a critical need. All our billing, payroll, dispatch, communication circulation is done digitally. We have invested in large screens to display information and all drivers have technology in their trucks to scan and communicate digitally.
- **9. Tires**: We retread tires, that are safe for reuse for up to 200,000 KMs. The supplier uses a Michelin retread technology, and the casing goes through a very scrutinous process before having a new tread applied to it. Each casing has an Xray completed as well, to ensure the integrity of the internal components is maintained. This is all carried out at the Michelin plant. The retread program has a statistical failure rate of less than 0.05%.
- **10.** Quad and Tridem trailers: We invest heavily in heavy weight equipment, 60% of our equipment are either triaxle or quad-axle trailers. These can take weights of up to 88,000 pounds, double that of a tandem trailer. In 2019, we invested in 15% of our fleet in lift axle tandem trailers. These trailers can be converted to tri-axle trailers from tandem. This helps to back haul our head-hauled mail loads with heavy hauls coming back.
- **11. Multi temp trailers:** Multi-temps over reefers. Always source a multi temp trailer as a preferred option. Bridgepoint prefers a 2-year-old multi temp trailer over a brand-new single temp trailer, so that dollar for dollar, we are able to move product at 3 different temperatures (chill, frozen, dry) in one move. We are currently at 10% of our fleet in multi temps.
- **12. Heated trailers:** 10% of our fleet is equipped with heaters, so we avoid the higher cost of running a reefer for loads required protect from freeze. This leads to over 3 x the fuel consumption vs a reefer. Always load a heated trailer if requirement is: "Protect from Freeze"
- **13.** Z fuel Our telematics provide driver performance and suggestions on how to improve efficiency. We have started running monthly reports to build an understanding of the data and how it can be linked to the driver incentive program.







## **Bridgepoint Environmental Policy**

#### SUMMARY:

Bridgepoint Environmental Management System is a small but cohesive organizational approach to environmental management with the goal of making environmental considerations part of daily activities across all divisions. As a transport company energy consumption is the primary resource, we have an opportunity to manage and reduce emissions for the benefit of our country and the planet. Think how we can impact this daily in our lives:

#### How do we reduce building consumption? – Facility Managers

- a. Motion sensor for lighting and LED lighting throughout
- b. Heating service on a time schedule
- c. All equipment to be switched off if not being used
- d. Building maintenance as per individual schedules

#### I. How do we reduce consumption in a truck? – Drivers

- a. Watch your idling and implement ways to reduce it to a bare minimum
- b. Use truck stops more often, you get reward points for using them
- c. Accelerate smoothly and decelerate smoothly
- d. Perform your PTI with great care and diligence; report any issues right away to dispatch.

#### II. How can equipment help us? – Purchasing Managers

- e. Complete the ROI / Payback spreaders for specialized trailers vs non-specialized (tandem reefers & tandem dry vans).
- f. Scope the equipment spec in a fashion that provides highest fuel economy
- g. Assess economic viability of accessories that lead to lesser emissions for trailers, trucks, tow motors, electric power jacks, company cars, delivery vans, any equipment CAPEX
- h. Create purchasing agreements and schedules that allow for latest technology and rotation of inventory
- i. Maintain a median age of 2 years for all Bridgepoint equipment, including office equipment such as computers, laptops, printers; replace with energy efficient options.



#### How can routing help us? - Dispatch

- a. Always look for routes that allow for least miles and optimal speed
- b. Plan a driver's shift to minimize dead miles
- c. For open board freight, that is non-time sensitive, negotiate delivery windows with sales / CSR to allow for better contiguous movement to minimize dead time in a truck.
- d. Communicate with drivers to understand practical routing solutions and make them part of the journey to reduce emissions.
- e. Always use routing software for last mile deliveries.
- f. Maximize payload on every trailer, where load is not sealed, and customer is comfortable sharing trailer space.

#### III. How can Network optimization help us? – Sales

- a. Be clear on all back-haul opportunities. Have dead miles report reviewed weekly.
- b. Negotiate higher pay loads with customers, provide innovation strategies around palletization, cubing in order to fit more freight per trailer.
- c. Understand customers' green initiatives and targets and collaborate on projects to make transportation an enabler.
- d. Attend energy conferences with operations team.

#### IV. How can we reduce waste? – Finance

- a. Ensure paperless environment as long as no regulatory requirements are being violated.
- b. Measure, monitor and benchmark all KPIs related to waste & emissions.
- c. Create incentive programs for Top Performers.
- d. Review all components and expense lines that have an environmental impact and review with sourcing team.
- e. Promote innovation

#### V. How can maintenance help? – Safety & Maintenance

- a. Ensure we are exceeding guidelines for preventive maintenance.
- b. Ensure we are proactively performing checks and on track with schedules.
- **C.** Focus on areas that have an environmental impact as a priority. Engage with drivers to better understand the nuances of each equipment.





## **Bridgepoint Environmental Initiatives**

Green transportation and sustainable freight transportation are important initiatives considering rising fuel cost and environmental concerns. At Bridgepoint, the constant goal is to work towards creating a sustainable transportation model; critical for protecting the environment.

#### **Environmental Initiatives**

- 1. Idling Time: Consider this the same as turning off lights or computers at home or in an office. Take advantage of truck stops and use their auxiliary units or truck stop electrification systems. These let you heat or cool your truck instead of wasting diesel while idling and emitting greenhouse gas emission.
- 2. Speed Reduction and Acceleration: It is hard to maintain a constant speed with the number of vehicles on the road today but try to maintain and do so. Be cautious of the traffic flow by looking ahead for brake lights and smoothly decelerate. Accelerate smoothly to get to top speed.
- 3. Regular Maintenance and Upkeep: Our fleet and owner-operators should keep regular maintenance and upkeep on their vehicles. Frequently ensure proper tire pressure and check fluid levels. You must also change oil, oil filters, and air filters. These are important factors in improving fuel efficiency and creating a healthier environment. Keep these tips in mind in your regular passenger vehicles as well!
- 4. Route Planning: Planning ahead improves efficiency and ensures that our trucks are used to capacity. It also helps you avoid bad weather, added driving time, and frustrating traffic jams.
- 5. Improved Use & Education: For drivers, provide information about the ways to monitor and reduce carbon emissions. At Bridgepoint, we have a meeting with our drivers to discuss reducing idling time as much as possible, and discuss opportunities
- 6. Collaborative Distribution: When load planning and dispatching, we should always consider merging different loads destined for the same end point to maximize trucking efficiency.
- 7. Aerodynamics: Installing aerodynamic panels on trailers and replacing older units with new ones is critical.
- 8. **Paperless**: We avoid printing paper internally unless it is a critical need. All our billing, payroll, dispatch, communication circulation is done digitally. We have invested in large screens to display information and all drivers have technology in their trucks to scan and communicate digitally.
- 9. Tires: We retread tires, that are safe for reuse for up to 200,000 KMs. The supplier uses a Michelin retread technology, and the casing goes through a very scrutinous process before having a new tread applied to it. Each casing has an Xray completed as well, to ensure the integrity of the internal components is maintained. This is all carried out at the Michelin plant. The retread program has a statistical failure rate of less than 0.05%.
- 10. Quad and Tridem trailers: We invest heavily in heavy weight equipment, 60% of our equipment are either tri-axle or quad-axle trailers. These can take weights of up to 88,000 pounds, double that of a tandem trailer. In 2019, we invested in 15% of our fleet in lift axle tandem trailers. These trailers can be converted to tri-axle trailers from tandem. This helps to back haul our head-hauled mail loads with heavy hauls coming back.
- **11. Multi temp trailers:** Multi-temps over reefers. Always source a multi temp trailer as a preferred option. Bridgepoint prefers a 2-year-old multi temp trailer over a brand-new single temp trailer, so that dollar for dollar, we are able to move product at 3 different temperatures (chill, frozen, dry) in one move. We are currently at 10% of our fleet in multi temps.
- **12. Heated trailers:** 10% of our fleet is equipped with heaters, so we avoid the higher cost of running a reefer for loads required protect from freeze. This leads to over 3 x the fuel consumption vs a reefer. Always load a heated trailer if requirement is: "Protect from Freeze"
- **13.** Z fuel Our telematics provide driver performance and suggestions on how to improve efficiency. We have started running monthly reports to build an understanding of the data and how it can be linked to the driver incentive program.