



PURECYCLE TECHNOLOGIES, INC.
25,000,000 Shares
Common Stock

This prospectus supplement is being filed to update and supplement the information contained in the prospectus dated March 19, 2021 (as supplemented or amended from time to time, the "Prospectus"), with the information contained in our Current Report on Form 8-K, which was filed with the Securities and Exchange Commission ("SEC") on June 23, 2021 (the "Form 8-K"). Accordingly, we have attached the Form 8-K to this prospectus supplement.

The Prospectus and this prospectus supplement relate to the resale from time to time of up to 25,000,000 shares of our common stock, par value \$0.001 per share ("Common Stock"), issued pursuant to the terms of those certain subscription agreements entered into (the "PIPE Investment") in connection with the Business Combination (as defined in the Prospectus). As described in the Prospectus, the selling securityholders named therein or their permitted transferees (collectively, the "Selling Stockholders"), may sell from time to time up to 25,000,000 shares of our Common Stock that were issued to the Selling Stockholders in connection with the closing of the PIPE Investment and the Business Combination.

This prospectus supplement updates and supplements the information in the Prospectus and is not complete without, and may not be delivered or utilized except in combination with, the Prospectus, including any amendments or supplements thereto. This prospectus supplement should be read in conjunction with the Prospectus and if there is any inconsistency between the information in the Prospectus and this prospectus supplement, you should rely on the information in this prospectus supplement.

Our Common Stock, warrants and units are listed on The Nasdaq Capital Market under the symbols "PCT," "PCTTW" and "PCTTU," respectively. On June 23, 2021, the closing price of our Common Stock was \$25.14 per share.

Investing in our securities involves risks that are described in the "Risk Factors" section beginning on page 23 of the Prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if the Prospectus or this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is June 23, 2021.

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): **June 23, 2021**

PURECYCLE TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or Other Jurisdiction
of Incorporation)

001-40234

(Commission File Number)

86-2293091

(I.R.S. Employer
Identification No.)

**5950 Hazeltine National Drive, Suite 650
Orlando, Florida**

(Address of principal executive offices)

32822

(Zip Code)

(877) 648-3565

(Registrant's telephone number,
including area code)

N/A

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240-13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class

Trading symbol(s)

**Name of each exchange on
which registered**

Common Stock, par value \$0.001 per share	PCT	The Nasdaq Capital Market LLC
Warrants, each exercisable for one share of common stock, \$0.001 par value per share, at an exercise price of \$11.50 per share	PCTTW	The Nasdaq Capital Market LLC
Units, each consisting of one share of common stock, \$0.001 par value per share, and three quarters of one warrant	PCTTU	The Nasdaq Capital Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☒

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 7.01 Regulation FD Disclosure

PureCycle Technologies, Inc. (the “Company”) will be hosting an Investor Day event at its Ironton, Ohio facility in Ironton, Ohio beginning at 9:30 Eastern Time on June 23, 2021. Company representatives will make presentations and provide a tour of the site. The Company is furnishing as Exhibits 99.1 through 99.4 to this Current Report on Form 8-K the presentation materials to be provided to, and discussed with, attendees at the Investor Day event. The presentations will also be available on the Company’s website on the Investor Relations page of the Company’s website: www.purecycletech.com.

The information in this Current Report on Form 8-K (including the presentation materials attached as Exhibit 99.1 through 99.4 hereto), is being furnished pursuant to Item 7.01 of Form 8-K and shall not be deemed to be “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section, nor shall it be deemed to be incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act. This Current Report on Form 8-K will not be deemed an admission as to the materiality of any information contained herein (including the presentation materials attached as Exhibit 99.1 through 99.4 hereto).

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Executive Summary, dated June 23, 2021.
99.2	Feedstock Evaluation Unit Presentation, dated June 23, 2021.
99.3	Feedstock Strategy and Research and Development Presentation, dated June 23, 2021.
99.4	Operations Update Presentation, dated June 23, 2021.
104.1	Cover Page Interactive Data File (formatted in Inline XBRL)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: June 23, 2021

PURECYCLE TECHNOLOGIES, INC.

By: /s/ Michael Dee
Name: Michael Dee
Title: Chief Financial Officer



Investor Day: Executive Summary

June 23, 2021

Investor Day: Executive Summary

Opening remarks will be provided by Mike Otworth (Chief Executive Officer and Chairman of PureCycle Technologies, Inc.), Mike Train (Chief Sustainability Officer, Emerson Electric Co.), and Marcus Behrendt (Partner and CEO, BMW iVentures).

Investor Day: Executive Summary (Cont.)

Following the opening remarks, investor day participants will receive presentations from management on the following topics:

- **Overview of the Feedstock Evaluation Unit** – PureCycle management will walk investors through the PureCycle purification process and discuss how the purification process is designed to remove waste plastic and other contaminants from polypropylene to transform waste polypropylene into virgin-like polypropylene. For more details see Exhibit Titled: “Investor Day_FEU Overview”.
- **Feedstock Strategy, R&D, and Procurement Approach** – the Company will provide an overview of how both plastics and recycling has evolved from the 1930s and discuss PureCycle’s strategy for securing both mixed plastics and waste polypropylene. Chief Manufacturing Officer (Dustin Olson) will discuss the Research and Development prototype that pairs existing recycling equipment with mechanical innovations. For more details see Exhibit Titled: “Investor Day_Feedstock Overview”.
- **PureCycle Operations and Execution** – PureCycle’s operational leadership team will discuss our strategy across: (i.) module construction and scaling, (ii.) delivering operational excellence and exceptional safety in plant operations, (iii.) discussing how a robust digital strategy shortens plant ramp up and reduces unplanned downtime, and (iv.) an update on how we’ve been collaborating with our partners to meet a broad range of polypropylene specifications. For more details see Exhibit Titled: “Investor Day_Operations Update”.

Exhibit 99.2



Investor Day:
FEU Overview

June 23, 2021

STOP 1



SAFETY OVERVIEW

Personal Protective Equipment Requirements

PureCycle is currently still in a start-up phase. During this phase, the following PPE is required:

- Safety Glasses
- Hard Hats
- FR clothing

FEU Hazards

Currently, we are a Class 1, Division 2 area which does not allow for any electronics or sparking devices. (Storage lockers in hall.)

In addition, please be mindful of slips, trips & falls as we are starting up the FEU.



PHOTOGRAPHY IS PROHIBITED INSIDE THE PROCESS AREA

STOP 2

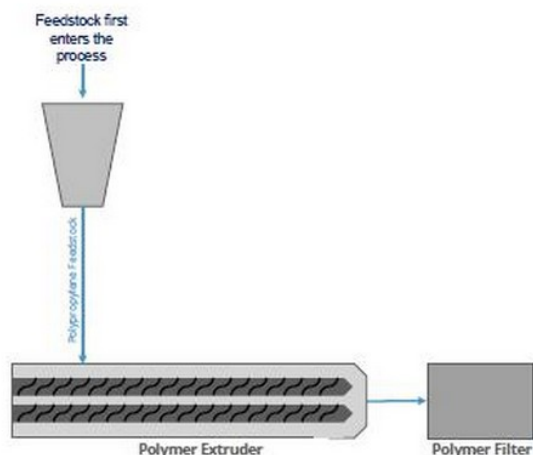
MELTING & FILTERING

Polymer Extruder and Polymer Filter

The Process begins when Polypropylene feedstocks are melted down in the polymer extruder (the "Polymer").

Feedstocks include fiber (carpet), film (e.g. chip bags), and rigids (stadium trash).

The polymer moves to the Polymer Filter where large contaminants and large non-melt materials are filtered out.



STOP 3

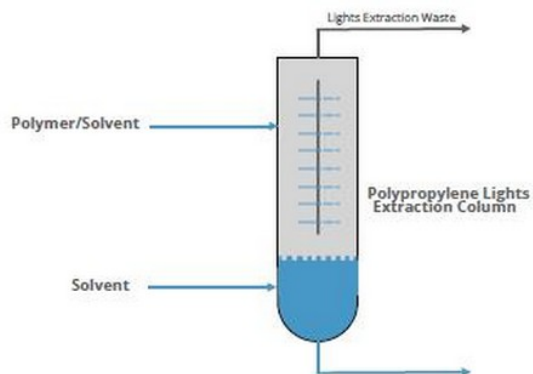
EXTRACTION

Polymer/Solvent Mixer and Extraction Column

The polymer is saturated with the solvent (the "Polypropylene Solution") to reduce viscosity in preparation for the extraction phase.

During Extraction, The Polypropylene Solution encounters fresh solvent that pulls out color and odor from the Polypropylene Solution.

The lights stream is a byproduct stream that is collected later in the process.



STOP 4

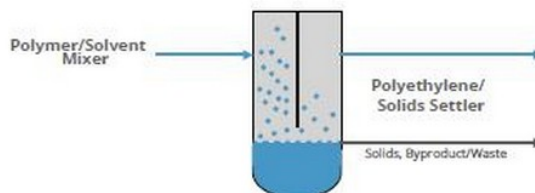
MIXING & SETTLING

Polymer Mixer and Large Particle Settler

Additional Solvent is mixed with the Polypropylene Solution to reduce the polymer concentration.

The Polyethylene/Solids settler allows insoluble solids and polymers to settle out of the process.

These large particulates form a byproduct stream that is collected later in the process.



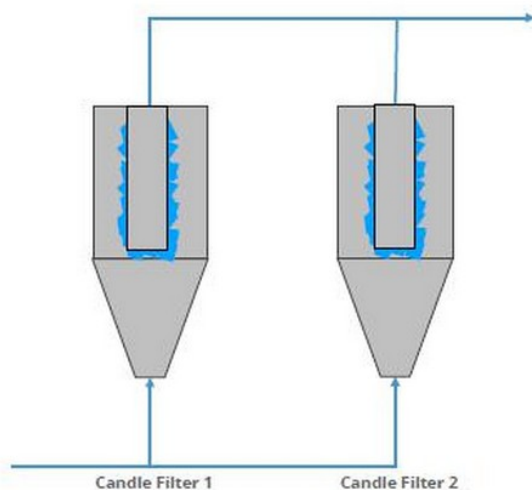
STOP 5

FILTERING

Candle Filters

The Polypropylene Solution is then filtered for smaller particulates, carried over from the decanter.

Micron-sized particulates are captured by the vessels via the diatomaceous filter media.



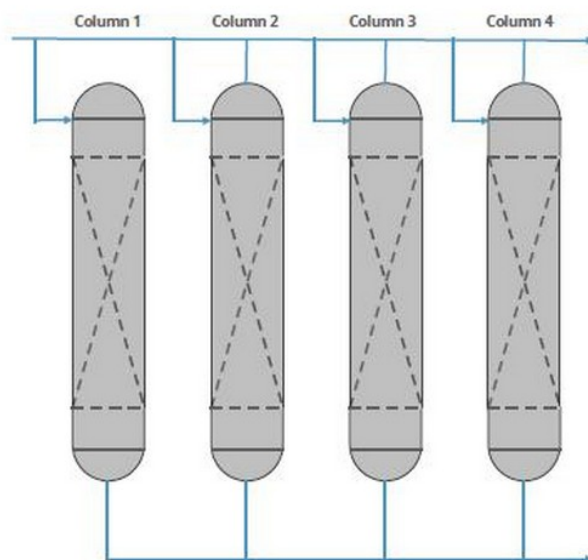
STOP 6

PURIFICATION

Columns

The Polypropylene Solution is further polished through contact with a solid, media packed, column.

This step purifies the product through removal of pigments and other contaminants based on their physical and chemical properties.



STOP 7

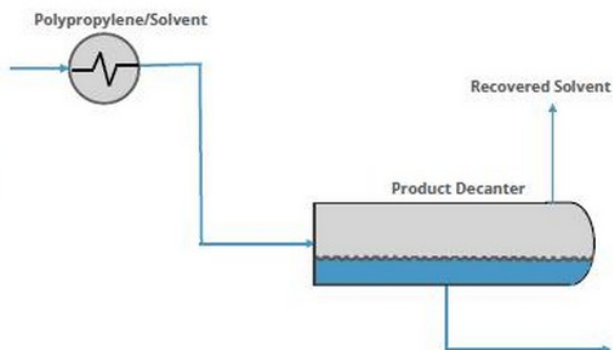
SEPARATION

Polypropylene/Solvent and Product Decanter

The process conditions are altered to allow for separation of the final purified polypropylene from the solvent.

At the new conditions, the polypropylene settles in the product decanter where the remaining solvent is removed.

The solvent from the product decanter and flash step is recovered and returned to the feed tank for reuse in the process and eliminates solvent waste.



STOP 8

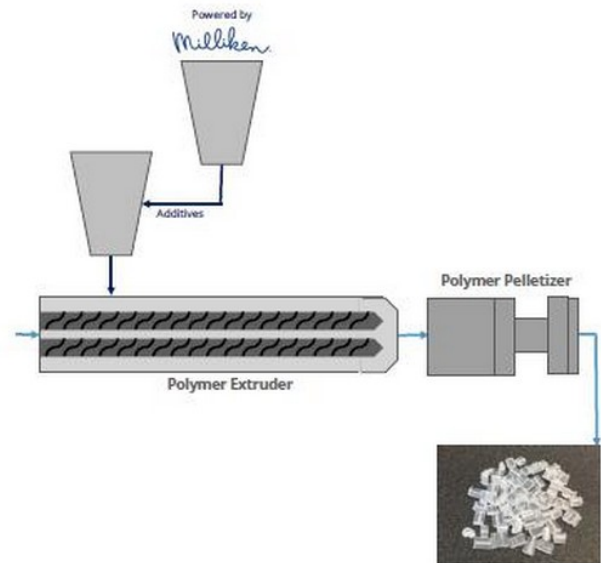
EXTRUDING & PELLETIZING

Polymer Extruder and Polymer Pelletizer

The polypropylene feeds into the final product extruder.

Additional additives are added to the product during final extrusion.

During the final production stage, the polymer is cut into pellets and dried. The final product is ready to be evaluated by Quality Control.



STOP 9



FACILITY OVERVIEW

3D Model

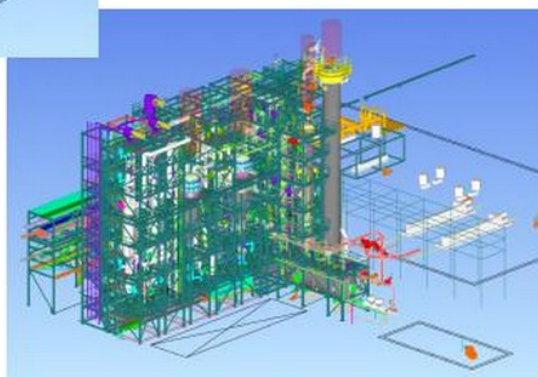
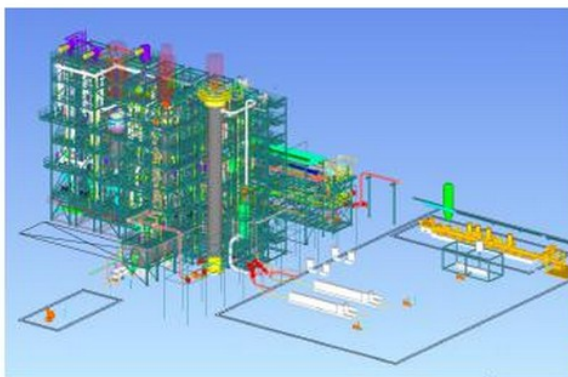


Exhibit 99.3



PURECYCLE™

Investor Day:
Feedstock Overview

June 23, 2021

Investor Day: Feedstock Overview

PureCycle management discuss how both plastics and recycling has evolved from the 1930s to today and PureCycle's strategy for securing both mixed plastics and waste polypropylene. Additionally, the Company discusses, that in line with its' feedstock strategy, the Company is establishing a Feedstock R&D facility that is designed to process a range of (i.) bulky rigids, (ii.) tubs, lids, containers bales (iii.) #5 polypropylene bales, (iv.) mixed polypropylene bales, and (v.) #3-#7 bales ("mixed plastics") bales to evaluate the optimal pre-processing equipment and technologies to deliver the highest percentage of polypropylene feedstock into the purification process.

The Feedstock R&D facility will couple processing equipment from Herbold with infrared sorting technology from TOMRA Systems and advanced polyolefin water separation technology from Impact Recycling.



1930s

INNOVATION DURING WAR TIME

Plastics original value proposition was to be a lighter, safer, better alternative to products used everyday.

While Nylon was repurposed for military applications¹, HDPE used in light weighting and held as a state secret.²

The original invention of plastic made society more sustainable in the short term.



Years until first mill accept plastics: 40³

¹ <https://www.technologyreview.com/2015/04/01/359434/plastic-history/>
² <https://www.plasticsindustry.org/history-plastics>
³ <https://www.aapolymer.com/history-of-plastic-recycling/>

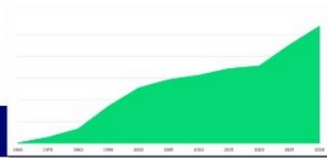
<http://www.combat.wso47.MIL/FILES/MILG.HYD>
<https://www.seattletpi.com/business/slideshow/Boeing-military-aircraft-142993.php>
<https://www.airforcemag.com/article/rise-of-the-air-corps/C>

1950s

THE EXPONENTIAL GROWTH OF PLASTICS

Polyester first reached the market and is hailed as a wonder fiber. You could wash a garment, hang it up, and have it ready to wear in a couple of hours with no need for ironing!

Plastic packaging replaces traditional packaging due to economical, convenient, and environmentally friendly attributes. Single use and disposal was not the primary value proposition of plastics initially.



Plastics Production: 1.5M¹
TONS

Years until first mill accepts plastics: 20²

¹ <https://journals.openedition.org/factsreports/5071>
² <https://www.aapolymer.com/history-of-plastic-recycling/>

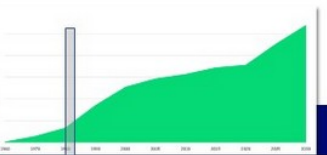
https://www.pinterest.com/pin/319614904777491347det&mtelosinA264705156479_B
https://hemaplindustries.com/wp-content/uploads/2021/04/brochure_2.pdf

1980s

THE FOCUS ON RECYCLING BEGINS

As we begin running out of landfill space the nation shifts their focus to recycling. Along with this renewed focus comes the Creation of Resin Identification Codes.

However, as plastics became more ubiquitous and the cost of production continued to go down, there was not enough thought given to end of life waste processing or creating secondary applications for discarded plastics.



Plastics Production: 6.8M¹
TONS

Tons Recycled: 20,000¹ | Recycling Rate: 0.30%



¹ <https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/plastics-material-specific-data>

<https://www.yourrec.org/has-you-been-recycling-wrong/>
<https://pleasedrinkustainably.com/blog/the-boat-that-sot-america-recycling-B>
<https://www.recycle400s.org/recycling-symbols.htm>

1990s

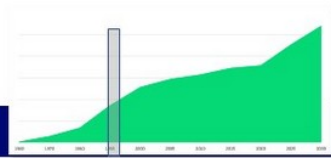
NEW LEGISLATION AND PLASTIC STREAMS

In the 90s we see collective interest in solving the existing problem, but as soon as we start solving the bottle problem, broader uses of a range of plastics emerge.

This results in progress and investments on a select set of plastics, but doesn't anticipate where the market is going. Thus, the recycling rate moves in a linear fashion after an exponential jump.



Plastics Production: 17.1M¹
TONS



Tons Recycled: 2.5M¹ | Recycling Rate: 7.9%

¹ <https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/plastics-material-specific-data>

<https://www.history.com/news/recycling-history-america>
<https://www.kdvr.com/content/news/Southern-Oregon-waste-management-companies-now-accepting-more-plastic-bottles-569860351.html>
<https://ropedisposal.com/about-us/news/service-updates/set-ready-to-welcome-a-familiar-face-back-to-the-curb-side-recycling-family>

EARLY 2000s

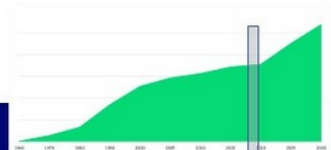
RECYCLING CHALLENGES ARISE

By the time we get to the era surrounding 2018 there's a confluence of events. China stops taking mixed plastics, resins are mixed together, single stream recycling is in full swing to help make life for the consumer easier and only limited markets exist for grey and black resin.

Flexible packaging gets mixed up with paper and newer applications demand recycling solutions, but there are limited dollars available to solve for this problem.



Plastics Production: 35.6M¹
TONS



Tons Recycled: 3.1M¹ | Recycling Rate: 8.7%

¹ <https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/plastics-material-specific-data>

http://pops.moenv.gov.in/EN/Pages/Project_Components_A
<https://www.plasticstoday.com/recycling/report-investigates-failure-recycling-address-us-plastic-waste-problem>

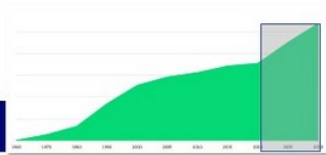
THE FUTURE OF PLASTIC RENEWABLE RESOURCE WITH INFINITE USE

PP is versatile and enabling the next renaissance of plastics recycling where innovations across all plastics are driving us towards a circular economy. It will take all of us to bring recycling rates to where they need to be.

We believe that if a rPP resin can be offered that is interchangeable with virgin we'll see even more PP applications emerge.



Plastics Production: Linear



Tons Recycled: Exponential

1. Extrapolated based on ~3.5% growth rate; GrandView Research
(<https://www.grandviewresearch.com/industry-analysis/global-plastics-market>)

<https://www.worldofwears.com/news/audes-1-million-pairs-of-lineakers-made-from-sea-trash-in-2025.html>
<https://www.elcaracolombiano.com/autos-del-mundo/bmw-i4-concept-un-coupe-de-cuatro-puertas-con-tela-en-la-mira>
https://www.ciadglobal.com/architecture_design_news?codeid=337267

Feedstock Overview: Sourcing Strategy

SOURCING FEEDSTOCK FROM CURBSIDE & NON-CURBSIDE STREAMS

We are competitively positioned to source feedstock from both curbside and non-curbside polypropylene (PP) waste streams.



Post Consumer Curbside

- #5 bales
- Tubs and Lids bales
- Bulky Rigids bales
- Mixed Plastic Rigids bales
- #3-#7 bales
- Targeted partnerships



Post Consumer Non-Curbside

- Co-recycling
- International import
- Special events
- Circularity programs / targeted streams
- Reprocessed pellets



Post Industrial

- Direct from manufacturing
- Label mis-prints
- Compounding waste
- Reprocessed pellets
- Regrind
- Brokered waste
- Other PIR recyclers



Advocacy

- New PP collection
- PP conversion
- Strategic alignment
- Local, regional, national relations
- Industry representation

PureCycle is targeting high and low-value PP streams before they enter the waste infrastructure systems to capture the maximum percent of PP.

Feedstock Overview: R&D Facility



Exhibit 99.4



Investor Day:
Operations Update

June 23, 2021

Investor Day: Operations Update

PureCycle management discusses the following elements of execution:

- **Construction Update** for Plant 1
- **Operating Principles** that are driving the company towards achieving operational excellence
- **Digital Strategy** and the benefits of being “born digital”
- **Commercial Collaboration** with Milliken & Company to deliver a virgin-like resin with no tradeoffs

Construction Update

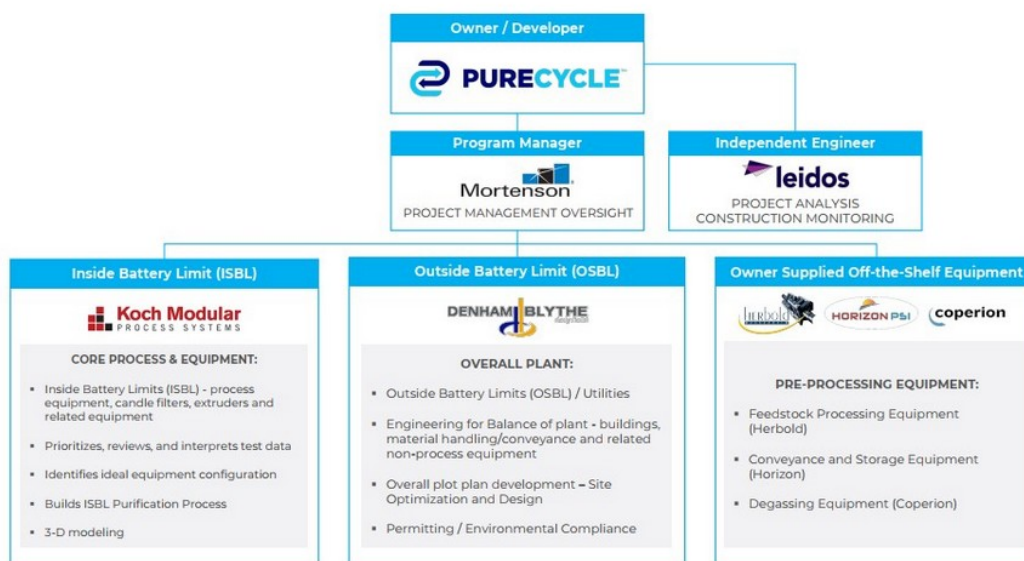
PureCycle management discussed progress of construction activities. Koch Modular Process Systems (KMPS) has sub-contracted module fabrication work to GulfSpan Industrial LLC; Denham-Blythe Company, Inc. (DB) also plans to sub-contract on-site module integration work to GulfSpan Industrial LLC. This further integrates Plant 1 activities across KMPS and DB and aligns with the Plant 1 Construction Team efforts. The Operational Management team will also walk participants through the computer generated rendering of the site

Additionally, the Company reports that according to the May 2021 Independent Engineer Report, which was released on June 18, 2021, the construction of the Ohio Facility remains on track. The full report for the month of May can be found here: <https://emma.msrb.org/MarketActivity/ContinuingDisclosureDetails/P21122610>

Construction Update: Plant 1 Rendering



Construction Update: Construction Team



Construction Update: Gulfspan Facility



Operating Principles: Chemical Facilities Today

500+ CHEMICAL FACILITIES OPERATE EVERY DAY IN THE US

PureCycle management discuss the range of chemical facilities operating today and management's focus on seamlessly integrating into the list of chemical facilities that operate safely.

State	Count
TX	183
LA	58
CA	43
NI	23
OH	19
WV	19
IL	16
KY	16
PA	16
AL	14
KS	11
OK	10
SC	10
WY	9
MS	8
MI	7
NY	7
TN	7
AR	5
GA	5
IN	5
MN	5
MT	5
NM	5
UT	5
VA	5
WA	5
AK	4
CO	4
NC	4
PR	4
CT	3
DE	3
Total	566



Note 1: Locations of 566 major refining and petrochemical manufacturing sites sourced from EPA ECHO website, June 1, and includes facilities noted as 'active' major > 100,000 bbl/day or 100,000 bbl/day.
 Note 2: Not shown in the map are an additional 100 major refining and petrochemical manufacturing sites sourced from EPA ECHO website, June 1, and includes facilities noted as 'active' major > 100,000 bbl/day or 100,000 bbl/day.

Operating Principles: Drivers of Operational Excellence

Additionally, operational leaders discuss the importance of:

- Building capabilities within the Company to drive Organizational Expertise
- the role of cultivating a safety first mindset across health, safety, and security
- the Company's focus on process safety management from, and
- Operating disciplines that will drive plant performance

OPERATIONAL EXCELLENCE



Digital Strategy

PureCycle management discusses how its' collaboration with Emerson Electric and other digital companies is designed to reduce operating costs, improve efficiency, and enhance safety. The digital development includes the creation of a physical digital twin model that can be used across:

- Operations
- Reliability
- Maintenance
- Engineering and
- Health and safety

Presenting data in a lifelike 3D visualization helps users fully understand the context of that data. In addition to the fully implemented physical Digital twin, PureCycle will be implementing Emerson Automation Solutions Optic Analytics, as well as AMS - Asset Monitoring and health analysis algorithms that provide predictive intelligence and integrated protection technologies to reach business goals and achieve top-quartile reliability.

Commercial Collaboration with Milliken & Company

PureCycle management in collaboration with leaders from Milliken & Company discuss how their commercial and R&D collaboration has changed since they formed their partnership in March 2019. The Company will discuss how customers are looking to both blend UPRP with virgin resin as well as deliver 100% UPRP into their products.

Members of PureCycle management will showcase Ultra-Pure Recycled Polypropylene (UPRP) that was produced from the Feedstock Evaluation Unit (FEU) and the feedstocks that the Company works with today. The picture details the latest products created with 100% UPRP coupled with Milliken's additives.

